

Semiautomatic Shotguns (Including Automatic Shotguns)



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Browning 12

Notes: This is an improvement of the turn-of-the-century Model 11, the first commercially successful autoloader. The Model 12 is made to match-grade quality.

Weapon	Ammunition	Weight	Magazines	Price
Browning 12	12 Gauge 2 3/4"	3.54 kg	8 Tubular	\$838
Browning 12	20 Gauge 2 3/4"	3.2 kg	8 Tubular	\$640
Browning 12	28 Gauge 2 3/4"	3.03 kg	8 Tubular	\$543

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Browning 12 (12GA)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	57
Browning 12 (20GA)	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	48
Browning 12 (28GA)	SA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	7	4	Nil	43

Browning A-500

Notes: Though this shotgun looks almost identical to the Auto-5, internally it is very different, using new technology. It is still a recoil-operated weapon, but the action is short recoil, and this mitigates the problems with misfires due to the firer not having the strength to handle the recoil properly. This also means that the A-500 can handle virtually every type of shotgun cartridge known, and it also keeps the number of parts required to a minimum. The A-500 is also a very low-maintenance weapon. There are several barrel lengths available, and two basic versions: the European version, which uses 2.75" shells, and the version sold in North America, which fires 3" shells. They both have interchangeable Invector chokes. This gun was introduced in 1987, but by 1994, it was replaced by the Browning Gold shotgun.

Weapon	Ammunition	Weight	Magazines	Price
A-500 (24" Barrel)	12 Gauge 2.75"	3.2 kg	5 Tubular	\$597
A-500 (26" Barrel)	12 Gauge 2.75"	3.3 kg	5 Tubular	\$607
A-500 (28" Barrel)	12 Gauge 2.75"	3.4 kg	5 Tubular	\$617
A-500 (30" Barrel)	12 Gauge 2.75"	3.5 kg	5 Tubular	\$628
A-500 (24" Barrel)	12 Gauge 3"	3.3 kg	5 Tubular	\$638
A-500 (26" Barrel)	12 Gauge 3"	3.4 kg	5 Tubular	\$649
A-500 (28" Barrel)	12 Gauge 3"	3.5 kg	5 Tubular	\$659
A-500 (30" Barrel)	12 Gauge 3"	3.6 kg	5 Tubular	\$669

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
A-500 (24", 2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	52
A-500 (26", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	57
A-500 (28", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
A-500 (30", 2.75")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	67
A-500 (24", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	59
A-500 (26", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	5	Nil	65
A-500 (28", 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	70
A-500 (30", 3")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	76

Browning A-Bolt Stalker

Notes: This gun is designed primarily for shooting lead slugs, though it can also handle shot. It is not meant to handle exotic loads such as flares, flamers, or batons, and using exotic loads in the A-Bolt Stalker will lead to excessive barrel wear. It is basically a shotgun version of Browning's A-Bolt rifle, and has rifle sights and if the owner desires, a rifled barrel. The A-Bolt Stalker comes with rifle-style sights and is drilled and tapped for a scope.

Weapon	Ammunition	Weight	Magazines	Price
A-Bolt Stalker	12 Gauge 3"	3.18 kg	2 Internal	\$640

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
A-Bolt Stalker	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	45
A-Bolt Stalker (Rifled Barrel, Slugs)	SA	6	2-4-Nil	7	7	Nil	71

Browning Auto-5

Notes: One of FN/Browning's oldest shotgun designs, the Auto-5 (also called the A-5) was designed by John Browning himself and first manufactured by FN from 1903-39, with sales beginning in North America in 1923. When Browning first invented the design, he looked around for a manufacturer to produce the weapon, as he was a designer, not a manufacturer. He was willing to share the

patents with Winchester, but he wanted a royalty on each Auto-5 sold. Winchester put off Browning for over a year, requesting various (inconsequential) "improvements." Finally, they told Browning that they wanted to buy the patents outright, and not enter a royalty agreement of any kind. He then took the design to Remington, who was amenable to the design and agreement while its director, Marcellus Hartley, was in charge. One day, though, Hartley had a fatal heart attack, literally while Browning sat in the man's waiting room. The new management was unwilling to produce a new and (as they said) unproven design, so the deal fell through. Next, he headed for FN in Herstal, Belgium. As Browning's pistol designs had saved FN from bankruptcy, Henri Frenay of FN was quite willing to produce the new, untested and innovative for a shotgun, semiautomatic operation. And the rest his history, and from that point, Browning basically worked for FN.

Operation uses a rarity in gun manufacture; it uses a long-recoil system. The barrel and breech recoil to the rear, for a distance a bit longer than a 3.5" Magnum shotgun shell. During this travel, the barrel compresses a heavy recoil spring around the magazine tube. At the end of the stroke, the hammer is cocked. As the barrel moves forward, the spent shell is ejected, and when the stroke is finished, a new round is loaded from the magazine. The action is smooth, and Browning recommended that shooters be sparing in lubrication use. Most shotguns of the time were barrel-heavy, but the Auto-5's center of gravity is just ahead of the receiver. Parts rarely break on an Auto-5, and they are reliable in all climate conditions. The Auto-5 can use both blackpowder rounds as well as modern propellant. Its combat use includes the British Malay Emergency, where they were used from 1948 to 1960. Some consider the Auto-5 to be ugly, however, though they cannot deny its reliability and accuracy. The barrel is made relatively soft steel alloy, and modern steel shot is not recommended in them. Auto-5s made between 1966 and 1971 have a "salt wood problem." The wood received at this time was relatively green, and to dry them out quickly, was buried in salt in rows. This salt can leach out of the stocks and rust the barrel and upper stock.

Early models, despite their condition, are typically still quite functional today, and are instantly recognizable by their square-backed action. Finish of these early models is typically blued, with a walnut semi-pistol grip wrist stock which is checkered on the pistol grip wrist and fore-end. Though they vary in workmanship, all are still considered masterpieces.

The Auto 5 is a recoil-operated shotgun, rather simple in design and easy to care for and use. Some complaints have been made that the recoil operation means the Auto 5 must be fired by a strong individual or well-braced, but these reports appear to be exaggerated. The earliest models have barrel lengths from of either 20 or 28 inches (though soon thereafter 26, 30, and 32-inch-barrel models were added, and the 20-inch version was dropped) topped with a ventilated sighting rib and simple bead sights, or just the bead sights. The safety is a switch ahead of the trigger guard. Gauges offered were 12-gauge 2.75" only; in 1936, the "Sweet Sixteen," a 16-gauge model was introduced that chambered for what was an unusual cartridge length even at that time – 2 9/16 inches (2.5625 inches). Many of these were later converted to 2.75" chambers by collectors and modern shooters, however, since 2 9/16-inch ammunition is generally available only by handloading these days. (After World War 2, the 2.75-inch cartridge length became standard for the 16-gauge models.)

Like most FN/Browning production, Auto-5 manufacture of the Auto-5 basically stopped after the Nazis invaded Belgium, and after World War 2 (until about 1952), FN was primarily committed to re-arming the Belgian armed forces and those of some other European companies. In 1946, FN contracted Auto-5 production out to Remington in the US, and these shotguns, often referred to as the "American Browning Auto-5" was produced until 1952. These versions were actually an amalgamation of the Model 11 and the Auto-5 (both have similar mechanisms and exterior designs, a legacy of an early John Browning/Remington collaboration), and they look a bit different than the standard Auto-5. (The engraving of deluxe models is also quite a bit different; most collectors say the American Browning is not as attractive gun as the FN product.) They still had the same basic features as the Auto-5, but a 20-gauge model was also introduced at this time. The American Browning was produced until 1940, and has a bolt cut off when the shotgun is empty, a requested feature by American shooters.

In 1952, FN took up production of the Auto-5 again, and production of the Auto-5 continued in Belgium until 1976. (These are often known as "Mid-Production" Auto-5s.) The 20-gauge chambering was deleted from the standard model (for a short time, but later added again), but other versions were in 20 gauge. The standard model used barrels of 26-32 inches, with a barrel topped by either a ventilated sighting rib and bead sights, a solid rib with bead sights, or a plain barrel with bead sights. Except on deluxe models, the finish was blued, with a walnut stock checkered in the right places and having a semi-pistol grip wrist. After 1967, this was changed to a standard pistol grip wrist, and the fore-end was given a flattened bottom. The barrels of this period have fixed chokes, though a variety of chokes were available. The safety was moved to behind the trigger guard in 1952 with the new production Auto-5s, and in 1958 a speedloading feature was added. Also with new production in 1952 came a magazine cutoff, which allows the shooter to stop the loading from the magazine and allow him to load individual rounds into the chamber.

Variations of this period included the Auto-5 Lightweight, introduced in 1952 (though the 20-gauge model was not introduced until 1958); this version used a lighter (but still steel) receiver enhanced with scrollwork engravings. The weapon was otherwise similar to standard Auto-5 of the period. The Auto-5 Magnum (also known as the Auto-5M was introduced in 1958, designed for 3-inch magnum shells. Barrels were the same length, but invariably with Full Choke. There was no 16-gauge version, but a 20-gauge model was introduced in 1967. The Auto-5 Skeet is mostly identical to the Auto-5 Lightweight for game purposes, though there is no 16-gauge model, the barrels are either 26 or 28 inches with a Skeet Choke and only ventilated ribs are available. The Auto-5 Trap is identical to the standard version with a 30-inch barrel, but was chambered for 12 gauge 2.75" only, and the barrel has a Full Choke only. It was manufactured only until 1971. The Auto-5 Buck Special used a 24-inch barrel with Cylindrical Choke, adjustable rifle sights, and could fire both 2.75-inch and 3-inch shells in its 12 Gauge and 20 Gauge versions and 2.75-inch shells in its 16 Gauge version. Not manufactured until 1963, it was produced by FN until 1976. The Auto-5 Sweet Sixteen was a special 16-Gauge Model built from 1936-39, and then from 1952-76; it is identical to the standard Auto-5 in 16 Gauge for game purposes, but has a gold-plated trigger,

polished receiver, and engraved scrollwork. It was built by Miroku of Japan.

It should be noted that several grades and special editions of the Auto-5 were available during this period, with increasing levels of deluxe finishes, woods, and engraving.

In 1976, production of the Auto-5 shotgun moved to Japan, where it was undertaken by Miroku. (Final fitting, and in the case of higher-grade guns, assembly, was still done by FN in Belgium, and production was supervised by FN personnel in Japan.) The Auto-5 was then built in Japan, until 1999, when production of the Auto-5 finally stopped completely.

Versions manufactured by Miroku included standard Auto-5s and the Auto-5 Light 12 and Light 20. The Auto-5 Light 12 and Light 20 used 2.75-inch chambers exclusively and used a receiver of a lighter steel than older Auto-5s. It used barrels from 26-32 inches, with a ventilated sighting rib atop the barrel and bead sights on the rib. The Light 12 and Light 20 use Invector Plus variable chokes, though without any sort of choke tube added, the choke is Full. For game purposes, they are identical to the Mid-Production Auto-5 Lightweight.

The Auto-5M of this generation is roughly the same as the earlier Auto-5M (and is identical for game purposes), but can use Invector Plus variable choke tubes. This version of the Auto-5M was built from 1976-96. The Auto-5 Buck Special is also basically identical to the earlier version for game purposes, as was the Skeet (though the Skeet of this generation was built only until 1983); a Light Buck Special version was also built during the same period, chambered only for 2.75-inch shells. The two Buck Specials of this period were not made in 16-Gauge versions. A Sweet Sixteen version was also built from 1988-92; it too was similar to the earlier Sweet Sixteen for game purposes, but the barrels had a ventilated sighting rib atop the barrel and could use Invector Plus variable chokes.

In 1992, the Auto-5 Light Stalker and Magnum Stalker were introduced, and built until 1999; the Light Stalker uses 26 or 28-inch barrels and variable choke tubes, and is chambered only for 12-Gauge 2.75" shells. The Magnum Stalker uses 28 or 30-inch barrels with variable choke tubes. Both use a low ventilated sighting rib.

But guess what? FN/Browning has reintroduced the Auto-5 for 2012, as the Browning A5. As gun expert Payton Miller says, "This ain't your Grandpa's Auto-5." This version is chambered for 3" magnum or 3.5" magnum 12-Gauge shells, and is designed for hunting (especially birding), with long 26, 28, or a 30-inch barrel. The barrel is a lightweight profile, it is designed in a move overall to lighten the old classic. The operation is basically the same, a short-recoil inertia autoloader, but the operation has a new feature, called Kinematic Drive, which requires no adjustments for light or heavy loads. Stocks can be wood or synthetic; wood stocks have a brass bead sight at the muzzle for general sighting, while synthetic-stocked versions have a fiberoptic front sight. Full, Medium, and Improved Cylinder Invector screw-in choke tubes are supplied with this version. The A5 Hunter is sort of the fancy member of the line, with high-quality gloss-finished walnut, and an Inflex II recoil pad. The A5 Hunter has a stock adjustable for length of pull and drop. The synthetic-stocked A5 Mossy Oak Shadow Grass Blades, Mossy Oak Breakup Infinity, and Realtree Max-4 are named for their camouflage patterns. The A5 Stalker is another synthetic-stocked version, black in color, including the metalwork. The A5 Ultimate has a gloss-finished walnut stock with stainless steel metalwork.

It should be noted that several grades and special editions of the Auto-5 were available, with differing levels of deluxe finishes, woods, and engraving, and in some cases different magazine capacities, sights, scope mounts, etc.

Weapon	Ammunition	Weight	Magazines	Price
Early Production Auto-5 (20" Barrel)	12 Gauge 2.75"	3.11 kg	5 Tubular	\$582
Early Production Auto-5 (26" Barrel)	12 Gauge 2.75"	3.21 kg	5 Tubular	\$612
Early Production Auto-5 (28" Barrel)	12 Gauge 2.75"	3.46 kg	5 Tubular	\$622
Early Production Auto-5 (30" Barrel)	12 Gauge 2.75"	3.72 kg	5 Tubular	\$633
Early Production Auto-5 (32" Barrel)	12 Gauge 2.75"	3.97 kg	5 Tubular	\$643
Early Production Auto-5 (26" Barrel)	16 Gauge 2 9/16"	2.98 kg	5 Tubular	\$507
Early Production Auto-5 (28" Barrel)	16 Gauge 2 9/16"	3.22 kg	5 Tubular	\$517
Early Production Auto-5 (30" Barrel)	16 Gauge 2 9/16"	3.46 kg	5 Tubular	\$527
Early Production Auto-5 (32" Barrel)	16 Gauge 2 9/16"	3.69 kg	5 Tubular	\$537
Early Production Auto-5 (26" Barrel)	16 Gauge 2.75"	3.01 kg	5 Tubular	\$532
Early Production Auto-5 (28" Barrel)	16 Gauge 2.75"	3.25 kg	5 Tubular	\$542
Early Production Auto-5 (30" Barrel)	16 Gauge 2.75"	3.49 kg	5 Tubular	\$552
Early Production Auto-5 (32" Barrel)	16 Gauge 2.75"	3.73 kg	5 Tubular	\$563
American Browning Auto-5 (26" Barrel)	12 Gauge 2.75"	3.18 kg	5 Tubular	\$612
American Browning Auto-5 (28" Barrel)	12 Gauge 2.75"	3.43 kg	5 Tubular	\$622
American Browning Auto-5 (30" Barrel)	12 Gauge 2.75"	3.68 kg	5 Tubular	\$633
American Browning Auto-5 (32" Barrel)	12 Gauge 2.75"	3.93 kg	5 Tubular	\$643
American Browning Auto-5 (26" Barrel)	16 Gauge 2.75"	2.98 kg	5 Tubular	\$532
American Browning Auto-5 (28" Barrel)	16 Gauge 2.75"	3.22 kg	5 Tubular	\$542
American Browning Auto-5 (30" Barrel)	16 Gauge 2.75"	3.46 kg	5 Tubular	\$552
American Browning Auto-5 (32" Barrel)	16 Gauge 2.75"	3.69 kg	5 Tubular	\$563
American Browning Auto-5 (26" Barrel)	20 Gauge 2.75"	2.94 kg	5 Tubular	\$481
American Browning Auto-5 (28" Barrel)	20 Gauge 2.75"	3.17 kg	5 Tubular	\$491
American Browning Auto-5 (30" Barrel)	20 Gauge 2.75"	3.4 kg	5 Tubular	\$501
American Browning Auto-5 (32" Barrel)	20 Gauge 2.75"	3.64 kg	5 Tubular	\$511

Mid-Production Auto-5 (26" Barrel)	12 Gauge 2.75"	3.12 kg	5 Tubular	\$607
Mid-Production Auto-5 (28" Barrel)	12 Gauge 2.75"	3.36 kg	5 Tubular	\$617
Mid-Production Auto-5 (30" Barrel)	12 Gauge 2.75"	3.61 kg	5 Tubular	\$628
Mid-Production Auto-5 (32" Barrel)	12 Gauge 2.75"	3.85 kg	5 Tubular	\$638
Mid-Production Auto-5 (26" Barrel)	16 Gauge 2.75"	2.92 kg	5 Tubular	\$527
Mid-Production Auto-5 (28" Barrel)	16 Gauge 2.75"	3.16 kg	5 Tubular	\$537
Mid-Production Auto-5 (30" Barrel)	16 Gauge 2.75"	3.39 kg	5 Tubular	\$547
Mid-Production Auto-5 (32" Barrel)	16 Gauge 2.75"	3.62 kg	5 Tubular	\$558
Mid-Production Auto-5 (26" Barrel)	20 Gauge 2.75"	2.88 kg	5 Tubular	\$476
Mid-Production Auto-5 (28" Barrel)	20 Gauge 2.75"	3.11 kg	5 Tubular	\$486
Mid-Production Auto-5 (30" Barrel)	20 Gauge 2.75"	3.34 kg	5 Tubular	\$496
Mid-Production Auto-5 (32" Barrel)	20 Gauge 2.75"	3.47 kg	5 Tubular	\$506
Auto-5 Lightweight (26" Barrel)	12 Gauge 2.75"	3.03 kg	5 Tubular	\$607
Auto-5 Lightweight (28" Barrel)	12 Gauge 2.75"	3.26 kg	5 Tubular	\$617
Auto-5 Lightweight (30" Barrel)	12 Gauge 2.75"	3.5 kg	5 Tubular	\$628
Auto-5 Lightweight (32" Barrel)	12 Gauge 2.75"	3.73 kg	5 Tubular	\$638
Auto-5 Lightweight (26" Barrel)	20 Gauge 2.75"	2.79 kg	5 Tubular	\$476
Auto-5 Lightweight (28" Barrel)	20 Gauge 2.75"	3.02 kg	5 Tubular	\$486
Auto-5 Lightweight (30" Barrel)	20 Gauge 2.75"	3.24 kg	5 Tubular	\$496
Auto-5 Lightweight (32" Barrel)	20 Gauge 2.75"	3.37 kg	5 Tubular	\$506
Auto-5 Magnum (26" Barrel)	12 Gauge 3"	3.2 kg	5 Tubular	\$649
Auto-5 Magnum (28" Barrel)	12 Gauge 3"	3.45 kg	5 Tubular	\$659
Auto-5 Magnum (30" Barrel)	12 Gauge 3"	3.7 kg	5 Tubular	\$669
Auto-5 Magnum (32" Barrel)	12 Gauge 3"	3.95 kg	5 Tubular	\$679
Auto-5 Magnum (26" Barrel)	20 Gauge 3"	2.95 kg	5 Tubular	\$505
Auto-5 Magnum (28" Barrel)	20 Gauge 3"	3.19 kg	5 Tubular	\$516
Auto-5 Magnum (30" Barrel)	20 Gauge 3"	3.43 kg	5 Tubular	\$526
Auto-5 Magnum (32" Barrel)	20 Gauge 3"	3.56 kg	5 Tubular	\$536
Auto-5 Buck Special	12 Gauge 2.75 and 3"	3.73 kg	5 Tubular	\$638
Auto-5 Buck Special	16 Gauge 2.75"	2.89 kg	5 Tubular	\$517
Auto-5 Buck Special	20 Gauge 2.75" and 3"	2.92 kg	5 Tubular	\$495
Auto-5 Light Buck Special	12 Gauge 2.75"	3.62 kg	5 Tubular	\$638
Auto-5 Light Buck Special	20 Gauge 2.75"	2.83 kg	5 Tubular	\$495
Auto-5 Light Stalker (26" Barrel)	12 Gauge 2.75"	3.74 kg	5 Tubular	\$607
Auto-5 Light Stalker (28" Barrel)	12 Gauge 2.75"	4.03 kg	5 Tubular	\$617
Auto-5 Magnum Stalker (28" Barrel)	12 Gauge 3"	3.94 kg	5 Tubular	\$659
Auto-5 Magnum Stalker (30" Barrel)	12 Gauge 3"	4.24 kg	5 Tubular	\$669
A5 Hunter (26" Barrel)	12 Gauge 3.5"	3.17 kg	5 Tubular	\$881
A5 Hunter (28" Barrel)	12 Gauge 3.5"	3.09 kg	5 Tubular	\$891
A5 Hunter (30" Barrel)	12 Gauge 3.5"	3.15 kg	5 Tubular	\$902
A5 Hunter (26" Barrel)	12 Gauge 3"	3.17 kg	5 Tubular	\$799
A5 Hunter (28" Barrel)	12 Gauge 3"	3.09 kg	5 Tubular	\$809
A5 Hunter (30" Barrel)	12 Gauge 3"	3.15 kg	5 Tubular	\$819
A5 Synthetic Stock (26" Barrel)	12 Gauge 3.5"	3.26 kg	5 Tubular	\$894
A5 Synthetic Stock (28" Barrel)	12 Gauge 3.5"	3.37 kg	5 Tubular	\$904
A5 Synthetic Stock (30" Barrel)	12 Gauge 3.5"	3.37 kg	5 Tubular	\$915
A5 Synthetic Stock (26" Barrel)	12 Gauge 3"	3.26 kg	5 Tubular	\$811
A5 Synthetic Stock (28" Barrel)	12 Gauge 3"	3.37 kg	5 Tubular	\$821
A5 Synthetic Stock (30" Barrel)	12 Gauge 3"	3.37 kg	5 Tubular	\$831
A5 Ultimate (26" Barrel)	12 Gauge 3"	3.03 kg	5 Tubular	\$799
A5 Ultimate (28" Barrel)	12 Gauge 3"	3.09 kg	5 Tubular	\$809

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Early Auto-5 (12 GA, 20")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	43
Early Auto-5 (12 GA, 26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	57
Early Auto-5 (12 GA, 28")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
Early Auto-5 (12 GA, 30")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	67
Early Auto-5 (12 GA, 32")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	9	5	Nil	72
Early Auto-5 (16 GA, 2 9/16", 26")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	50
Early Auto-5 (16 GA, 2 9/16", 28")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	54

Early Auto-5 (16 GA, 2 9/16", 30")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	8	4	Nil	58
Early Auto-5 (16 GA, 2 9/16", 32")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	9	4	Nil	62
Early Auto-5 (16 GA, 2.75", 26")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	52
Early Auto-5 (16 GA, 2.75", 28")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	56
Early Auto-5 (16 GA, 2.75", 30")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	8	4	Nil	61
Early Auto-5 (16 GA, 2.75", 32")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	8	4	Nil	65
American Browning (12 GA, 26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	57
American Browning (12 GA, 28")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
American Browning (12 GA, 30")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	67
American Browning (12 GA, 32")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	9	5	Nil	72
American Browning (16 GA, 26")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	52
American Browning (16 GA, 28")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	56
American Browning (16 GA, 30")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	8	4	Nil	61
American Browning (16 GA, 32")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	8	4	Nil	65
American Browning (20 GA, 26")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	48
American Browning (20 GA, 28")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	52
American Browning (20 GA, 30")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	56
American Browning (20 GA, 32")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	61
Mid-Production Auto-5 (12 GA, 26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	57
Mid-Production Auto-5 (12 GA, 28")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
Mid-Production Auto-5 (12 GA, 30")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	67
Mid-Production Auto-5 (12 GA, 32")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	9	5	Nil	72
Mid-Production Auto-5 (16 GA, 26")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	52
Mid-Production Auto-5 (16 GA, 28")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	56
Mid-Production Auto-5 (16 GA, 30")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	8	4	Nil	61
Mid-Production Auto-5 (16 GA, 32")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	8	4	Nil	65
Mid-Production Auto-5 (20 GA, 26")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	48
Mid-Production Auto-5 (20 GA, 28")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	52
Mid-Production Auto-5 (20 GA, 30")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	56
Mid-Production Auto-5 (20 GA, 32")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	61
Auto-5 Lightweight (12 GA, 26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	57
Auto-5 Lightweight (12 GA, 28")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
Auto-5 Lightweight (12 GA, 30")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	67
Auto-5 Lightweight (12 GA, 32")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	9	5	Nil	72
Auto-5 Lightweight (20 GA, 26")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	48
Auto-5 Lightweight (20 GA, 28")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	52
Auto-5 Lightweight (20 GA, 30")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	56
Auto-5 Lightweight (20 GA, 32")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	61
Auto-5 Magnum (12 GA, 26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	65
Auto-5 Magnum (12 GA, 28")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	70
Auto-5 Magnum (12 GA, 30")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	76
Auto-5 Magnum (12 GA, 32")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	9	5	Nil	82
Auto-5 Magnum (20 GA, 26")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	55
Auto-5 Magnum (20 GA, 28")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	59
Auto-5 Magnum (20 GA, 30")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	64
Auto-5 Magnum (20 GA, 32")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	69
Auto-5 Buck Special (12 GA, 2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	52
Auto-5 Buck Special (12 GA, 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	59
Auto-5 Buck Special (16 GA)	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	47
Auto-5 Buck Special (20 GA, 2.75")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	44
Auto-5 Buck Special (20 GA, 3")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	50
Auto-5 Light Buck Special (12 GA, 2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	52
Auto-5 Light Buck Special (12 GA, 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	59
Auto-5 Light Buck Special (20 GA, 2.75")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	44
Auto-5 Light Buck Special (20 GA, 3")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	50
Auto-5 Light Stalker (26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	4	Nil	57
Auto-5 Light Stalker (28")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62

Auto-5 Magnum Stalker (28")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70
Auto-5 Magnum Stalker (30")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	76
A5 Hunter (26", 3.5")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	71
A5 Hunter (28", 3.5")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	77
A5 Hunter (30", 3.5")	SA	5/1d6x36 or 2d6x8 or 3d6x4	2-4-Nil/Nil or 1-Nil or 1-Nil	8	4	Nil	83
A5 Hunter (26", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	65
A5 Hunter (28", 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	70
A5 Hunter (30", 3")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	76
A5 Synthetic (26", 3.5")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	71
A5 Synthetic (28", 3.5")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	77
A5 Synthetic (30", 3.5")	SA	5/1d6x36 or 2d6x8 or 3d6x4	2-4-Nil/Nil or 1-Nil or 1-Nil	8	4	Nil	83
A5 Synthetic (26", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	65
A5 Synthetic (28", 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	70
A5 Synthetic (30", 3")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	76
A5 Ultimate (26", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	65
A5 Ultimate (28", 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	70

Browning B-80

Notes: This is a fairly simple semiautomatic shotgun sold between 1980 and 1988. For rather complicated patent reasons, the parts for the B-80 were made by Beretta of Italy, then assembled at a Browning facility in Portugal. The B-80 can fire 12 gauge 2.75-inch or 3-inch shells, and there is also a version designed for 20 gauge 3-inch shells. The B-80 is gas-operated, with the gas cylinder surrounding the tubular magazine. There is a button to interrupt the tubular magazine feed, allowing the shooter to manually load the weapon if desired. The B-80 was offered only with fixed chokes, but they were to the user's order. The barrels varied in length, but depended on the chambering.

Weapon	Ammunition	Weight	Magazines	Price
B-80 (26.375" Barrel)	12 Gauge 2.75"	3.2 kg	2 Internal	\$609
B-80 (28" Barrel)	12 Gauge 2.75"	3.3 kg	2 Internal	\$617
B-80 (30" Barrel)	12 Gauge 2.75"	3.4 kg	2 Internal	\$627
B-80 (32" Barrel)	12 Gauge 2.75"	3.5 kg	2 Internal	\$637
B-80 (26.375" Barrel)	12 Gauge 3"	3.35 kg	2 Internal	\$650
B-80 (28" Barrel)	12 Gauge 3"	3.45 kg	2 Internal	\$658
B-80 (30" Barrel)	12 Gauge 3"	3.55 kg	2 Internal	\$668
B-80 (32" Barrel)	12 Gauge 3"	3.65 kg	2 Internal	\$679
B-80 (28" Barrel)	20 Gauge 3"	2.8 kg	2 Internal	\$515

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
B-80 (26.375", 12 GA, 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	58
B-80 (28", 12 GA, 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
B-80 (30", 12 GA, 2.75")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	67
B-80 (32", 12 GA, 2.75")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	72
B-80 (26.375", 12 GA, 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	66
B-80 (28", 12 GA, 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	70
B-80 (30", 12 GA, 3")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	76
B-80 (32", 12 GA, 3")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	9	6	Nil	82
B-80 (28", 20 GA, 3")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	59

Browning B-2000

Notes: The B-2000 was produced from 1974-81, with about 115,000 of them being made. The parts for the B-2000 were made by FN in Belgium; they were then sent to Portugal for final assembly and fitting. The design of the B-2000 is such that it can fire virtually any sort of cartridge. The B-2000 was replaced by the B-80 in 1980.

The B-2000 is a gas-operated weapon. Part of the gas mechanism is underneath the barrel forward of the tubular magazine, which unfortunately leaves less room for the magazine itself, limiting its size. The standard model, the Chasse, is chambered for 2.75-inch shells. 12 Gauge models may have barrels from 26-32 inches; 20 gauge models may have barrels from 24-28 inches. In both cases, optional 24-inch rifled barrels are also available which are not suited for firing shot; these are known as Buck Specials. Choke is fixed in all cases, but chosen by the buyer. The shot barrels in all cases are topped by a ventilated sighting rib; rifled barrels have rifle-type sights.

A B-2000 Magnum model was also built; it is similar to the Chasse, but uses a 3-inch chamber, comes with barrels of 30 or 32

inches in 12 gauge only, and do not have rifled-barrel versions. The butt also has a thick rubber recoil pad.

Other versions include the B-2000 Trap, with a 12 gauge 2.75-inch chamber, a 30-inch barrel topped by a higher sighting rib, and a Monte-Carlo-type stock. It is identical to a 30-inch-barrel Chasse for game purposes. The B-2000 Skeet has the same size chamber and the same type of sighting rib above a 26-inch barrel; it is also the same as a Chasse (but with a 26-inch barrel) for game purposes.

Weapon	Ammunition	Weight	Magazines	Price
B-2000 Chasse (26" Barrel)	12 Gauge 2.75"	3.1 kg	3 Tubular	\$607
B-2000 Chasse (28" Barrel)	12 Gauge 2.75"	3.23 kg	3 Tubular	\$617
B-2000 Chasse (30" Barrel)	12 Gauge 2.75"	3.37 kg	3 Tubular	\$627
B-2000 Chasse (32" Barrel)	12 Gauge 2.75"	3.5 kg	3 Tubular	\$637
B-2000 Chasse (26" Barrel)	20 Gauge 2.75"	3.06 kg	3 Tubular	\$475
B-2000 Chasse (28" Barrel)	20 Gauge 2.75"	3.1 kg	3 Tubular	\$486
B-2000 Buck Special	12 Gauge 2.75"	3.06 kg	3 Tubular	\$596
B-2000 Buck Special	20 Gauge 2.75"	3.02 kg	3 Tubular	\$465
B-2000 Magnum (30" Barrel)	12 Gauge 3"	3.53 kg	3 Tubular	\$743
B-2000 Magnum (32" Barrel)	12 Gauge 3"	3.6 kg	3 Tubular	\$753

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
B-2000 Chasse (12 GA, 26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	57
B-2000 Chasse (12 GA, 28")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
B-2000 Chasse (12 GA, 30")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	67
B-2000 Chasse (12 GA, 32")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	9	6	Nil	72
B-2000 Chasse (20 GA, 26")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	48
B-2000 Chasse (20 GA, 28")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	52
B-2000 Buck Special (12 GA)	SA	6	2-4-Nil	7	7	Nil	82
B-2000 Buck Special (20 GA)	SA	5	2-4-Nil	7	6	Nil	82
B-2000 Magnum (30")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	76
B-2000 Magnum (32")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	9	5	Nil	82

Browning Double Automatic

Notes: When introduced in 1952, the Double Automatic was billed as a replacement for the side-by-side (SxS) shotgun. The Double Automatic is a semiautomatic shotgun, but its tubular magazine holds only two rounds. Built until 1971, the Double Automatic sold well in Western Europe, Mexico, and the Middle East, but not so well in the US and Canada. The lack of sales in the US proved to be the Double Automatic's undoing, and despite a 19-year production run, only 67,487 were built, and not all of them sold. They are now mostly collector's curiosities.

The Double Automatic came in a steel-receiver 12-Gauge version (the Standard), one with a receiver made of hiduminum (an aluminum alloy, also used on the Browning Baby) and called the Twelvette, and another alloy-receiver version called the Twentyweight. Versions were built with different chokes and barrel lengths, as well as with and without engraving, and different grades of walnut. The Double Automatic's operation is by recoil. At the time of its introduction, it could fire 60% of all the loads on the market, but this may have changed over the years. The Double Automatic has both barrel porting and a soft recoil pad. Loading is said to be so fast that one writer said "...the gun is never empty..." The double Automatic has a visual indication to tell how many rounds are in the magazine. It has a short, crisp trigger pull. The barrels are topped with a ventilated barrel rib, with a brass bead front sight. Most of these shotguns are for...well, shot or non-rifled slugs, but a version called the Slugster fires rifled slugs and sabot slugs through a 23.5-inch barrel, and is not recommended for use with modern steel shot (lead or bismuth shot is OK).

Weapon	Ammunition	Weight	Magazines	Price
Standard (26" Barrel)	12 Gauge 2.75"	3.49 kg	2 Tubular	\$711
Standard (28" Barrel)	12 Gauge 2.75"	3.52 kg	2 Tubular	\$721
Standard (30" Barrel)	12 Gauge 2.75"	3.55 kg	2 Tubular	\$732
Twelvette (26" Barrel)	12 Gauge 2.75"	3.12 kg	2 Tubular	\$715
Twelvette (28" Barrel)	12 Gauge 2.75"	3.15 kg	2 Tubular	\$725
Twelvette (30" Barrel)	12 Gauge 2.75"	3.18 kg	2 Tubular	\$735
Twentylight (26.5" Barrel)	20 Gauge 2.75"	2.72 kg	2 Tubular	\$585
Twentylight (28" Barrel)	20 Gauge 2.75"	2.74 kg	2 Tubular	\$593
Twentylight (30" Barrel)	20 Gauge 2.75"	2.76 kg	2 Tubular	\$603
Slugster	12 Gauge 2.75"	2.94 kg	2 Tubular	\$699

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Standard (26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	57
Standard (28")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62

Standard (30")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	67
Twelvette (26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	57
Twelvette (28")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62
Twelvette (30")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	67
Twentylight (26.5")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	49
Twentylight (28")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	52
Twentylight (30")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	56
Slugster	SA	6/1d6x28 or 2d6x8	2-4-Nil/Nil or Nil	7	6/4	Nil	79/51

Browning Fusion

Notes: This semiautomatic shotgun is related to the Browning Gold, and is actually included in the Gold range in North America. It is a gas-operated shotgun, with the common Browning gas operation being included with the tubular magazine, and the rest of the mechanism in the receiver. The Fusion is easily capable of firing virtually any sort of shotgun round due to its design. The Fusion has an ergonomic pistol grip stock, making it very easy to handle, and along with the sighting rib, giving it natural pointing qualities. The safety button is extra large and easily manipulated from the right or left. The front of the sighting rib has a florescent bead, making it even easier to aim. When introduced, the Fusion was designed only for 3" magnum shells, but was later produced for 2.75" shells also. The Fusion is fitted with Invector interchangeable chokes. The deluxe version is the Fusion Golden Clays (renamed the Fusion Ultimate in 2002). A version called the Fusion Combo has interchangeable 28-inch shot barrels and 24" rifled slug barrels. Another version is the Fusion Hunter, a 20 gauge 3-inch model with lighter weight.

Twilight 2000 Notes: This shotgun does not exist, not having been introduced until 2000.

Weapon	Ammunition	Weight	Magazines	Price
Fusion (26" Barrel)	12 Gauge 2.75"	2.9 kg	4 Tubular	\$607
Fusion (28" Barrel)	12 Gauge 2.75"	2.95 kg	4 Tubular	\$617
Fusion (30" Barrel)	12 Gauge 2.75"	3 kg	4 Tubular	\$627
Fusion (26" Barrel)	12 Gauge 3"	3.05 kg	3 Tubular	\$648
Fusion (28" Barrel)	12 Gauge 3"	3.1 kg	3 Tubular	\$658
Fusion (30" Barrel)	12 Gauge 3"	3.15 kg	3 Tubular	\$668
Fusion Combo (Shot Barrel)	12 Gauge 3"	3.1 kg	3 Tubular	\$658
Fusion Combo (Slug Barrel)	12 Gauge 3"	3.04 kg	3 Tubular	\$638
Fusion Hunter (26" Barrel)	20 Gauge 3"	2.8 kg	3 Tubular	\$505
Fusion Hunter (28" Barrel)	20 Gauge 3"	2.85 kg	3 Tubular	\$515

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Fusion (26", 12 GA, 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	57
Fusion (28", 12 GA, 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
Fusion (30", 12 GA, 2.75")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	67
Fusion (26", 12 GA, 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	5	Nil	65
Fusion (28", 12 GA, 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	70
Fusion (30", 12 GA, 3")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	76
Fusion Combo (Shot Barrel)	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	70
Fusion Combo (Slug Barrel)	SA	6	2-4-Nil	7	7	Nil	82
Fusion Hunter (26")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	55
Fusion Hunter (28")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	59

Browning Gold

Notes: This shotgun was introduced in 1993. It is gas-operated, and the gas mechanism is in the same tube as the magazine, while the rest of the mechanism is in the receiver housing. This system means that the Gold can fire a wide variety of ammunition, virtually any sort or the proper gauge. The manual safety is a large button, which can be easily manipulated and reversed for left-handed shooters. The receiver housing is of light alloy, but most of the metal parts, including the barrel, are of chrome-molybdenum steel which has been blued. The gold was originally built in 10 gauge, 12 gauge, 20 gauge, and .410 gauge, but by 1996, all of these had been dropped except the 12 and 20 gauge versions (both with 3" chambers), though a special 10-gauge version, the Gold Light, was brought back in 2002. 12 gauge versions include the Gold Hunter, with a 2.75-inch chamber; the Gold Hunter with a 3-inch chamber; the Gold Sporting Clays with a 2.75" chamber, longer barrels, a ventilated sighting rib, Invector Plus interchangeable chokes, and a ported barrel; the Gold Deer Hunter and Deer Stalker with rifled barrels, primarily for slug throwing, and with a synthetic stock; the Gold Waterfowl with 3.5" chambers; the Gold Turkey with a 24" barrel, and Hi-Viz fiberoptic sights; and several other versions that are identical to those cited above for game purposes. The 20 gauge and .410 gauge models almost seem like afterthoughts, with only one barrel length available (28 inches) and made only with 3-inch chambers. All of these guns (except the Gold Sporting Clays) come with Invector interchangeable chokes, and all have varnished walnut stocks and fore-ends. Starting in 1996, all Gold models are available with spacers that fit between the receiver housing and the stock, to change the angle of the stock

to suit the shooter.

Twilight 2000 Notes: The Deer Hunter, Deer Stalker, and Gold 10-Gauge Light are not available.

Weapon	Ammunition	Weight	Magazines	Price
Gold (26" Barrel)	10 Gauge 3.5"	3.54 kg	5 Tubular	\$878
Gold (28" Barrel)	10 Gauge 3.5"	3.59 kg	5 Tubular	\$893
Gold (30" Barrel)	10 Gauge 3.5"	3.63 kg	5 Tubular	\$908
Gold (26" Barrel)	12 Gauge 3"	3.05 kg	5 Tubular	\$652
Gold (28" Barrel)	20 Gauge 3"	2.85 kg	5 Tubular	\$518
Gold (28" Barrel)	.410 Gauge 3"	2.49 kg	5 Tubular	\$321
Gold Hunter (28" Barrel)	12 Gauge 2.75"	3.1 kg	5 Tubular	\$621
Gold Hunter (28" Barrel)	12 Gauge 3"	3.1 kg	5 Tubular	\$662
Gold Hunter (30" Barrel)	12 Gauge 3"	3.2 kg	5 Tubular	\$673
Gold Sporting Clays (28" Barrel)	12 Gauge 2.75"	3.35 kg	5 Tubular	\$621
Gold Sporting Clays (30" Barrel)	12 Gauge 2.75"	3.4 kg	5 Tubular	\$631
Gold Deer Hunter	12 Gauge 3"	3.3 kg	5 Tubular	\$642
Gold Deer Stalker	12 Gauge 3"	3.1 kg	5 Tubular	\$632
Gold Waterfowl	12 Gauge 3.5"	3.24 kg	5 Tubular	\$746
Gold Turkey	12 Gauge 3"	3.04 kg	5 Tubular	\$642
Gold Light (26" Barrel)	10 Gauge 3.5"	3.09 kg	5 Tubular	\$878
Gold Light (28" Barrel)	10 Gauge 3.5"	3.14 kg	5 Tubular	\$893
Gold Light (30" Barrel)	10 Gauge 3.5"	3.18 kg	5 Tubular	\$908

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Gold (26", 10 GA)	SA	5/1d6x40 or 2d6x8 or 3d6x4	2-4-Nil/Nil or 1-Nil or 1-Nil	8	6	Nil	75
Gold (28", 10 GA)	SA	5/1d6x40 or 2d6x12 or 3d6x4	2-4-Nil/Nil or Nil or 1-Nil	8	6	Nil	82
Gold (30", 10 GA)	SA	5/1d6x44 or 2d6x12 or 3d6x4	2-4-Nil/Nil or Nil or 1-Nil	8	6	Nil	88
Gold (26", 12 GA)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	5	Nil	65
Gold (28", 20 GA)	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	59
Gold (28", .410 GA)	SA	3/1d6x8	1-Nil/Nil	7	3	Nil	40
Gold Hunter (28", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
Gold Hunter (28", 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	70
Gold Hunter (30", 3")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	76
Gold Sporting Clays (28")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
Gold Sporting Clays (30")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	67
Gold Deer Hunter	SA	6/1d6x32 or 2d6x8	2-4-Nil/Nil or Nil	7	6/5	Nil	82/59
Gold Deer Stalker	SA	6/1d6x28 or 2d6x8	2-4-Nil/Nil or Nil	7	6/5	Nil	71/54
Gold Waterfowl	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	78
Gold Turkey	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	59
Gold Light (26")	SA	5/1d6x40 or 2d6x12 or 3d6x4	2-4-Nil/Nil or Nil or 1-Nil	8	6	Nil	75
Gold Light (28")	SA	5/1d6x40 or 2d6x12 or 3d6x4	2-4-Nil/Nil or Nil or 1-Nil	8	6	Nil	82
Gold Light (30")	SA	5/1d6x44 or 2d6x12 or 3d6x4	2-4-Nil/Nil or Nil or 1-Nil	8	6	Nil	88

Browning Maxus

Notes: The Browning Maxus is a new (as of 2008) semiautomatic shotgun with gas operation, and is sort of an extreme update to the Auto-5. The Maxus uses what Browning calls the Power Drive Gas System, which is a gas piston system that is extremely reliable even when driving the heavy loads of a 12-gauge shotgun, but also ensures reliability with sub-loaded and hotloaded rounds. This operation, in combination with an Inflex Technology recoil pad. The Vector Pro shock absorbing system, back-boring, and a well balanced gun help to considerably soften recoil.

The Maxus comes in two basic versions: The Mossy Oak Duck Blind and the Stalker. The Mossy Oak Duck Blind is finished using the Mossy Oak camouflage pattern. The receiver is of aluminum alloy, and the barrel is of a lightweight profile and either 26 or 28 inches. The chamber can handle up to 3.5-inch shells. The barrel is topped with a low-profile ventilated sighting rib with a white bead sight at the end. The stock is of composite material. The barrel can use screw-in choke tubes of Full, Modified, or Improved Cylinder. The action has a magazine cutoff that allows the feed from the magazine to be stopped; this allows the use of a different type of shell by hand-loading the Maxus. The Stalker version is essentially the same, but finished in black.

Weapon	Ammunition	Weight	Magazines	Price
Maxus (26" Barrel)	12 Gauge 2.75", 3", 3.5"	3.12 kg	5 Tubular	\$821
Maxus (28" Barrel)	12 Gauge 2.75", 3", 3.5"	3.16 kg	5 Tubular	\$831

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Maxus (26", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	3	Nil	57
Maxus (26", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	3	Nil	65
Maxus (26", 3.5")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	71
Maxus (28", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	3	Nil	62
Maxus (28", 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	70
Maxus (28", 3.5")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	77

FN Self-Loading Police Shotgun

Notes: The FN Self-Loading Police Shotgun is a development of the Winchester Super X2, but has several improvements that make it a superior weapon to the Winchester. It has a Picatinny Rail to allow the mounting of virtually any sight, optic, or accessory. The stock is shortened; this makes it easier to use by smaller officers or those wearing body armor. The standard sight is an adjustable ghost-ring type. The controls are large for use by shooters in heavy gloves.

Twilight 2000 Notes: This weapon does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Self-Loading Police Shotgun (18" Barrel)	12 Gauge 3"	3.52 kg	6 Tubular	\$621
Self-Loading Police Shotgun (14" Barrel)	12 Gauge 3"	3.32 kg	6 Tubular	\$601

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Self-Loading Police Shotgun (18")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	36
Self-Loading Police Shotgun (14")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	4	Nil	25

Rossi Circuit Judge

Notes: The Rossi Circuit Judge is based on the Taurus Raging Judge revolver (Rossi and Taurus are essentially the same company, united under the Braztech concern), using the same cylinder and mechanism as that revolver. Originally, the Circuit Judge was available in .44 Magnum/Special and .410 Gauge/.45 Long Colt, but the .44 version was quickly discontinued due to poor sales, leaving only the .410/.45 version. The Circuit Judge is essentially the Raging Judge revolver with a stock and a carbine barrel. The stock may be of Brazilian Hardwood or of synthetic material, and has a butt with a ventilated recoil pad. Circuit Judges with hardwood stocks may be had in polished stainless metalwork or a polished black finish; synthetic-stocked Circuit Judges come only in the polished black finish and black synthetic stocks. (.44 versions come only with hardwood stocks.) All have a short Picatinny Rail over the cylinder with a fully adjustable rear sight in front of the removable rail and a fiberoptic front sight. Under the front of the handguard is another short Picatinny Rail. Like most revolvers, the double-action trigger pull weight is a bit heavy, but the Circuit Judge can be easily thumb-cocked. The barrel is 18.5 inches and does not have any provision for choke tubes.

For a short time, Rossi sold a lever-action model of the Circuit Judge in a hardwood stock. This version had a bobbed hammer and an almost vertical throw lever. The trigger pull is single-action all the time so that pull weight is at the lighter weight.

Weapon	Ammunition	Weight	Magazines	Price
Circuit Judge	.44 Magnum and .44 Special	2.36 kg	6 Cylinder	\$444
Circuit Judge (Hardwood Stock)	.410 Gauge 3" and .45 Long Colt	2.44 kg	5 Cylinder	\$463
Circuit Judge (Synthetic Stock)	.410 Gauge 3" and .45 Long Colt	2.41 kg	5 Cylinder	\$474
Circuit Judge (Lever- Action)	.410 Gauge 3" and .45 Long Colt	2.4 kg	5 Cylinder	\$1002

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Circuit Judge (.44 Magnum)	DAR	5	1-1-Nil	5	3	Nil	62
Circuit Judge (.44 Special)	DAR	3	1-Nil	5	3	Nil	49
Circuit Judge (.410)	DAR	2/1d6x8	1-Nil/Nil	5	3	Nil	25
Circuit Judge (.45 Long Colt)	DAR	3	1-Nil	5	3	Nil	62
Circuit Judge (.410)	LA	2/1d6x8	1-Nil/Nil	5	3	Nil	25
Circuit Judge (.45 Long Colt)	LA	3	1-Nil	5	3	Nil	62

Norinco M-2000

Notes: This weapon appears to be another copyright violation, this time of the Remington 11-87P (a version of the 1100). It too is available with the same sights as the M-98. Metalwork is of steel which is matte Parkerized; the stock is of matte black polymer, and may be of standard layout or have a true pistol grip. The charging handle is oversized for a better grip and to ease reloading. The barrel is 18.5 inches long, and this appears to be the only barrel length available at present for the M-2000. The M-2000 is otherwise a standard format semiautomatic shotgun.

Twilight 2000 Notes: These weapons are rare outside of China, except in the Far East and Southeast Asia.

Merc 2000 Notes: The lawsuit by Remington is still pending as of 2003.

Weapon	Ammunition	Weight	Magazines	Price
M-2000	12 Gauge 2.75"	3.4 kg	5 Tubular	\$582

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Norinco M-2000	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	39

CZ-712

Notes: Czech shotguns are not well known in the world, but CZ-made shotguns are typically of decent quality, comparable to their other firearms. Strangely enough, though, the CZ-712 is not actually made in Ceska Zbrojovka's factories; it is built in Turkey and sold largely in the US. The CZ-712's receiver is built largely of light alloy, but the stock and fore-end is made of high-quality Turkish walnut so the gun isn't too light. The CZ-712 is gas-operated, and has an aiming rib above the barrel. Several barrel lengths are available and two gauges. The action is wholly contained in the receiver, allowing for considerable customization, particularly in the stock.

The CZ-712 is built on a light alloy receiver, and has a matte black hard chrome exterior finish for the metalwork. A plug can be installed in the magazine where the law requires it.

The CZ-12 ALS (Adjustable Length Stock) has, as the name suggests, a sliding stock, though not like an M-4's stock, This looks like a standard stock, but it has an outer sleeve that slides in and out on an inner sleeve. The cheekpiece can also be adjusted to one of three heights by use of screws. The stock and fore-end are synthetic; the metalwork has a matte black hard chrome finish. The magazine tube is the same as on the CZ-912, making finding magazines easy and allowing for the use of a magazine plug if required. Atop the barrel is a ventilated sighting rib with a bead front sight. The butt has a recoil pad.

The CZ-712 Utility is a shotgun that is just as it sounds – simple, no frills, and utilitarian in purpose, allowing for use as a field gun, home defense, competition gun, as well as for fowling. It has a relatively short barrel (though with a sighting rib), and the LOP is adjustable by use of spacers.

The CZ-912 is basically the competition version of the Model 712, with a long barrel, sighting rib, green glow rear aperture sight and front sight bead, and Turkish walnut stock and fore-end. Metalwork finish is Black Gloss Chrome. It has a thick rubber recoil pad on the butt and comes with five screw-in choke tubes.

The Models 720 and 920 are 20-gauge versions of the Models 712 and 912. Choices are more limited than on a Model 712. The Model 720 Reduced Length has a shorter length of pull for teenagers and smaller adults.

Weapon	Ammunition	Weight	Magazines	Price
CZ-712 (20" Barrel)	12 Gauge 2.75" and 3"	3.07 kg	4 Tubular	\$621
CZ-712 (24" Barrel)	12 Gauge 2.75" and 3"	3.14 kg	4 Tubular	\$641
CZ-712 (26" Barrel)	12 Gauge 2.75" and 3"	3.18 kg	4 Tubular	\$655
CZ-712 (28" Barrel)	12 Gauge 2.75" and 3"	3.22 kg	4 Tubular	\$666
CZ-712 Target (30" Barrel)	12 Gauge 2.75" and 3"	3.26 kg	4 Tubular	\$671
CZ-712 ALS (26" Barrel)	12 Gauge 2.75" and 3"	3.18 kg	4 Tubular	\$789
CZ-712 ALS (28" Barrel)	12 Gauge 2.75" and 3"	3.22 kg	4 Tubular	\$841
CZ-712 Utility (20" Barrel)	12 Gauge 2.75" and 3"	2.61 kg	4 Tubular	\$705
CZ-912 (28" Barrel)	12 Gauge 2.75" and 3"	3.25 kg	4 Tubular	\$749
CZ-720 (20" Barrel)	20 Gauge 2.75" and 3"	2.81 kg	4 Tubular	\$475
CZ-720 (24" Barrel)	20 Gauge 2.75" and 3"	2.87 kg	4 Tubular	\$495
CZ-720 (26" Barrel)	20 Gauge 2.75" and 3"	2.91 kg	4 Tubular	\$505
CZ-720 (28" Barrel)	20 Gauge 2.75" and 3"	2.95 kg	4 Tubular	\$515
CZ-720 Target (30" Barrel)	20 Gauge 2.75" and 3"	2.99 kg	4 Tubular	\$525
CZ-720 Reduced Length (24" Barrel)	20 Gauge 2.75" and 3"	2.53 kg	4 Tubular	\$505
CZ-920 (28" Barrel)	20 Gauge 2.75" and 3"	3.25 kg	4 Tubular	\$594

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
CZ-712 (2.75", 20" Barrel)	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	5	Nil	43
CZ-712 (3", 20" Barrel)	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	5	Nil	49
CZ-712 (2.75", 24" Barrel)	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	52
CZ-712 (3", 24" Barrel)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	59
CZ-712 (2.75", 26" Barrel)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	54
CZ-712 (3", 26" Barrel)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	5	Nil	65
CZ-712 (2.75", 28" Barrel)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
CZ-712 (3", 28" Barrel)	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	70
CZ-712 Target (2.75", 30" Barrel)	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	67
CZ-712 Target (3", 30" Barrel)	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	76
CZ-712 ALS (2.75", 26" Barrel)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	6/7	4	Nil	54
CZ-712 ALS (3", 26" Barrel)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	6/7	4	Nil	65
CZ-712 ALS (2.75", 28" Barrel)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	6/8	4	Nil	62
CZ-712 ALS (3", 28" Barrel)	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	6/8	5	Nil	70

Barrel)								
CZ-712 Utility (2.75", 20" Barrel)	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	43	
CZ-712 Utility (3", 20" Barrel)	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	49	
CZ-912 (2.75", 28" Barrel)	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	64	
CZ-912 (3", 28" Barrel)	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	72	
CZ-720 (2.75", 20" Barrel)	SA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	6	4	Nil	36	
CZ-720 (3", 20" Barrel)	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	41	
CZ-720 (2.75", 24" Barrel)	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	44	
CZ-720 (3", 24" Barrel)	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	50	
CZ-720 (2.75", 26" Barrel)	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	48	
CZ-720 (3", 26" Barrel)	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	55	
CZ-720 (2.75", 28" Barrel)	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	52	
CZ-720 (3", 28" Barrel)	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	59	
CZ-720 Target (2.75", 30" Barrel)	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	56	
CZ-720 Target (3", 30" Barrel)	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	64	
CZ-720 Reduced Length (2.75", 24" Barrel)	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	48	
CZ-720 Reduced Length (3", 24" Barrel)	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	55	
CZ-920 (2.75", 28" Barrel)	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	54	
CZ-920 (3", 28" Barrel)	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	61	

Heckler & Koch HK-512

Notes: The HK-512 is designed for use by police and military forces; indeed, the use of standard sporting cartridges, shells with reduced charges, or plastic training rounds will cause the HK-512 to malfunction. The muzzle of the gun incorporates a device that causes the shot to spread in an almost rectangular pattern. Because of this shot device, the HK-512 also cannot fire tear gas or signal cartridges.

Weapon	Ammunition	Weight	Magazines	Price
HK-512	12 Gauge 2 3/4"	3.1 kg	7 Tubular	\$573

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
HK-512	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	38

Heckler & Koch Tactical Semiautomatic

Notes: This shotgun was designed for modern warfare. It has the ability to handle a wide variety of shell types, from shot and slugs to flammers. Lightweight materials are used and they are finished to not corrode easily. The receiver is topped with a Picatinny Rail and rifle-type sights. There is a rubber recoil pad on the butt; this not only provides some padding, but helps maintain the position of the butt in the shoulder.

Twilight 2000 Notes: This weapon does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
HK Tactical Semiautomatic	12 Gauge 2 3/4", 3"	2.99 kg	5 Tubular	\$707

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
HK Tactical Semiautomatic (2 3/4")	SA	4/1d6x28 or 2d6x8	2-3-Nil or Nil/Nil	6	4	Nil	43
HK Tactical Semiautomatic (3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or 1-Nil	6	4	Nil	41

Armscor VR60

Notes: The VR60 is basically what you get when you design a semiautomatic, magazine-fed magnum shotgun and base it on the AR-15. The result is a firearm that, while it is obviously based on the AR-15, looks a bit rounded and lumpish, almost like the rubber training-aid M16s that US troops call "Rubber Duckies." Armscor is a burgeoning company, but one should note that many have found its recent products wanting, and the even on its web site, many of the links don't work. The VR60 is an inexpensive shotgun, as I said rough in its polish which is becoming a minor sensation due to its use of the AR-15 base design. The controls mimic those on the AR-15, it breaks down similar to the AR-15, and is taken care of similar to the AR-15. It uses the same Stoner-type direct gas impingement system. Though it looks like it has a removable box magazine, this is simply for looks; the real magazine is a tubular magazine hidden by the lower handguards (which also explains the peculiar lumpish shape of the handguards). Nonetheless, there is a button where the normal AR-15 magazine release would be – but it in fact allows the tubular magazine to be unlocked and removed. Except for the barrel and the working parts, the construction is largely polymer, including the proprietary magazines. The VR60 package comes complete with three screw-in choke tubes; the base choke of the barrel is Extra Full, while the tubes are for Full, Modified and improved Cylinder. The carrying handle is removable, revealing a Picatinny Rail; this runs up to about 5 centimeters behind the front sight. There is another rail under the handguard, as well as short rails (about 50 millimeters long) on each side of the front of the handguards. The barrel is a 20-inch heavy-profile barrel, without a flash suppressor, and the rear sight is a simple fixed rear peep sight. The front sight is a ramped blade. The butt does have the extra feature of a recoil pad.

Weapon	Ammunition	Weight	Magazines	Price
VR60	12 Gauge 3"	3.36 kg	5 Tubular	\$633

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
VR60	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	50

ATI Bull-Dog

Notes: The Bull-Dog is an interesting bullpup-pattern shotgun which is actually built in Turkey by Pars, but sold by the US firm ATI. The Bull-Dog looks like an AR taken out to bullpup form; the pistol grip area and ejection port area definitely look like an AR's, and it uses an AR-type charging handle. Atop the receiver and handguards is a full length or Picatinny Rail, and under the handguard is another Picatinny Rail. The sides of the handguards have M-LOK slots. The magazines are unusual, in that they have Picatinny Rail cutouts on the floorplate, allowing them to be attached to the Picatinny Rails of the Bull-Pup for use has a foregrip or to have them easily accessible. The Bull-Pup has an adjustable cheekpiece to fit the user better. The exposed length of barrel has a ventilated shroud around it; three screw-in choke tubes come with the shotgun, to modify the 18.5-inch barrel's muzzle. The Bull-Pup comes with rifle-type sights to attach to the upper Picatinny Rail. Due to the light weight, the Bull-Pup's recoil is formidable.

Twilight 2000 Notes: The Bull-Pup is not available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Bull-Dog 12	12 Gauge 3"	2.04 kg	5, 10	\$614
Bull-Dog 20	20 Gauge 3"	2.04 kg	5, 10	\$468

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Bull-Dog 12	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5	5	Nil	41
Bull-Dog 20	SA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	5	5	Nil	34

ATI Milsport SGA-410

Notes: Essentially an AR clone in shotgun form, the SGA-410 is as often as not sold in the form of an upper-receiver/barrel combination as well as a full firearm. Instead of gas impingement, the SGA-410 operates with a short-stroke gas piston. The barrel is 18.5 inches, wrapped in a handguard with a receiver/handguard-mounted Picatinny Rail above and KeyMod slots at 3 o'clock, 6 o'clock, and 9 o'clock. The SGA-410 fires 2.5-inch .410 gauge shells from proprietary magazines that are designed to fit inside a standard AR magazine well. The SGA-410 is marketed towards the home defense and recreational shooting markets, and some have found an interesting niche for it – practicing skeet shooting. The idea is that the 2.5-inch .410 shells throw a much smaller pattern than 12-gauge shells, so if you can hit clay pigeons with something with an SGA-410 (or other .410 shotguns), you can hit with 12-gauge-firing shotgun. The small 2.5-inch shells are also adequate for the short ranges of home defense, and are inexpensive for recreational shooting. The ability to buy only an upper receiver and mate it to an AR you may already own also makes the SGA-410 more economical. (One can also do the opposite.) The SGA-410 also has low felt recoil. The muzzle is threaded for use with interchangeable chokes of various makes, but has a native choke of Full and comes with one screw-in Cylinder choke tube. The SGA-410 also comes with a set of rifle-type sights attachable to the upper Picatinny Rail. The stock is a Rogers Super Stoc collapsible stock.

Twilight 2000 Notes: The SGA-410 is not available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Milsport SGA-410	.410 Gauge 2.5"	4.54 kg	5, 15	\$282

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Milsport SGA-410	SA	2/1d6x8	1-Nil/Nil	4/5	3	Nil	23

Fime Group/Molot VPR-12

Notes: This shotgun is sometimes simply called the Vepr-12, as it is based on the Russian shotgun, and is almost identical. However, it has several differences from the standard Vepr-12, starting with it's odd-length 19-inch chromed-bored barrel., tipped with a cap protecting threads for aftermarket muzzle devices. The barrel is hand-fitted.

The VPR-12-03 is very different from the Russian Vepr-12, starting with a Magpul MOE handguard and pistol grip. Atop the receiver behind the front sight is a Picatinny rail for optics or other devices. Under the gas block is another short length of Picatinny rail. The gas block is lower than the standard Vepr, and the shotgun has more AK-like front sights. The rear sights are derived from those of the RPK and adjustable for windage and elevation. Like many US-made or modified AK-type weapons, the VPR-12-03 has a bolt hold-open device. The fire selector is improved and easily moved with either hand. In addition to the bore, the chamber, receiver shaft, and gas chamber are chromed. The stock is metal and side-folding, with a cheek pad to help aim the shotgun, and a pad to soften recoil. The magazine supplied with the VPR-12-03 is a polymer 5-round magazine, though it can take any polymer, alloy, aluminum, or polymer Vepr-compatible magazine. Like the Vepr, the VPR-12-03 uses an extended magazine well that allows the magazines to be inserted straight in, without the hooking in and canting like the AK series.

The VPR-12-11 has the same receiver, rails. Pistol grip, handguards, internals, and barrel, but the folding stock is replaced with a fixed walnut thumbhole stock. (It really looks good, too) The stock has a raised cheekpiece and a recoil pad on the butt. The VPR-12-12 is the same shotgun, but has a 22-inch barrel.

Weapon	Ammunition	Weight	Magazines	Price
VPR-12-03	12 Gauge 3"	4.4 kg	5, 8, 10	\$801
VPR-12-11	12 Gauge 3"	4.62 kg	5, 8, 10	\$695
VPR-12-12	12 Gauge 3"	4.74 kg	5, 8, 10	\$715

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
VPR-12-03	SA	4/1d6x28 or 2d6x8	2-3-Ni/Nil or Nil	5/6	3	Nil	47
VPR-12-11	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	3	Nil	47
VPR-12-12	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	55

Heckler & Koch M1014/Benelli M4

Notes: The US military has used pump-action shotguns as far back as the Philippine Insurrection, when the Winchester Model 1897 was used to good effect against the Moros. As time progressed however, the military has always longed for an accurate, reliable, and rugged semiautomatic shotgun for use. The US military made do with the Mossberg M-590 pump-action design for almost a decade before the announcement was made of a new adoption. Tests were held starting in 1990 by the US Marines for a combat shotgun; the first tests were held in 1996 in which the Benelli M4 Super 90 was judged to be superior to existing models in use. However, while Benelli did not have any large presence in the US military establishment at the time, Benelli licensed the design to Heckler & Koch for sales in the US, and the US military type-standardized the new shotgun as the M1014. Elsewhere (including among US police forces and civilians), the design is sold through Benelli and is known as the M4 Super 90. Testing by the US military began in 1999, with first fielding in 2001.

The M1014 is a semiautomatic, gas-operated shotgun; during the testing of the weapon during trials it fired over 25,000 rounds of ammunition without having to replace any major parts in the process. The operating system is self-regulating, without the need for adjustment for special ammunition (though some must be hand-loaded directly into the chamber), and different-length shells can actually be loaded into the M1014's tubular magazine at the same time. The operating system also allows changes to the barrel length with only minimal adjustments. (Standard barrel lengths for the US military are 18.5 and 14 inches, but Benelli says other barrel lengths are quite possible.)

The M1014 makes use of a special telescoping stock arrangement that allows the user to use the stock retracted for close-quarters battle if needed; however, the M1014 may also use two other stocks – a fixed stock with a pistol grip, and a fixed stock with a conventional layout. Each stock has a recoil pad. The stocks are interchangeable without tools, but the collapsible stock is standard for the US military. The receiver of the weapon is made with a MIL-STD-1913 rail on top so that the weapon can mount optical sights or laser aiming modules on top of the receiver rather than on the tubular magazine. The tubular underbarrel magazine includes a speedloader to enable quick reloading.

Twilight 2000 Notes: This is an *extremely* rare weapon in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
M1014 (Folding Stock, 18.5" Barrel)	12 Gauge, 12 Gauge 2 3/4", & 12 Gauge 3"	3.81 kg	8 Tubular	\$879
M1014 (Folding Stock, 14" Barrel)	12 Gauge, 12 Gauge 2 3/4", & 12 Gauge 3"	3.61 kg	5 Tubular	\$855
M1014 (Fixed Stock, 18.5" Barrel)	12 Gauge, 12 Gauge 2 3/4", & 12 Gauge 3"	3.81 kg	8 Tubular	\$784
M1014 (Fixed Stock, 14" Barrel)	12 Gauge, 12 Gauge 2 3/4", & 12 Gauge 3"	3.61 kg	5 Tubular	\$760

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M1014 (18.5", 2.75")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5/6	4	Nil	39
M1014 (18.5", 3")	SA	4/1d6x28 or 2d6x4	2-3-Nil/Nil or Nil	5/6	4	Nil	45
M1014 (18.5", 3.5")	SA	4/1d6x28 or 2d6x4	2-3-Nil/Nil or Nil	5/6	4	Nil	46
M1014 (14", 2.75")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	4/6	4	Nil	27
M1014 (14", 3")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	4/6	4	Nil	30
M1014 (14", 3.5")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	4/6	4	Nil	31

HK/Olin CAWS

Notes: The CAWS (Close Assault Weapon System) was designed in response to a US Army requirement for a combat shotgun that blended the attributes of a shotgun and an assault rifle. It was to provide a devastating weapon for urban warfare. Olin designed the special ammunition for the weapon; Heckler & Koch designed the weapon itself. The ammunition consisted of two rounds: a shot round that used tungsten pellets with some armor piercing capacity, and a round using tungsten flechettes that could penetrate most known body armor of the time as well as light vehicles and some armor plate. Later, loadings of standard shot and lead slugs were developed, but lead slugs never functioned reliably in the CAWS, and they were replaced by jacketed steel slugs and tungsten slugs. The loadings were put into special all-brass belted cases; standard plastic or paper cases will not function in a CAWS, but normal brass shells will. There were two barrel lengths tested, 18.63 inches and 26.94 inches; both of these used a special extra full choke designed for close combat. To make the CAWS more unusual, it has an optical sight with a 3.5x magnification over the receiver in a carrying handle. Unfortunately, the CAWS fell victim to budget cuts in the late 1980s and disappeared from history.

Twilight 2000 Notes: This weapon was in limited issue to certain rear-area troops, as well as some infantry formations and special operations troops.

Merc 2000 Notes: This weapon disappeared until after Desert Storm, when it began to reappear as a limited issue item to troops expected to do urban combat. It was also issued to military police.

Weapon	Ammunition	Weight	Magazines	Price
CAWS (Short Barrel)	12 Gauge 3" Belted Brass or All-Brass	3.46 kg	10	\$825
CAWS (Long Barrel)	12 Gauge 3" Belted Brass or All-Brass	4.08 kg	10	\$868

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
CAWS (Short, Standard Ammo)	3	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5	3	5	39
CAWS (Short, Tungsten Pellets)	3	2d6x12	1-Nil	5	3	5	39
CAWS (Short, Tungsten Slug)	3	4	1-2-3	5	3	5	47
CAWS (Short, Flechettes)	3	2d6x12	1-2-Nil	5	2	3	29
CAWS (Long, Standard Ammo)	3	4/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	6	3	5	58
CAWS (Long, Tungsten Pellets)	3	2d6x12	1-Nil	6	3	5	58
CAWS (Long, Tungsten Slug)	3	5	1-2-3	6	3	5	70
CAWS (Long, Flechettes)	3	2d6x12	1-1-Nil	6	2	3	44

Sarsilmaz/Franchi

Notes: Sarsilmaz and Franchi teamed up to create two shotguns, both similar in the internals, less so in the externals. They are intended to be civilian weapons and are only moderate military and police usefulness.

The Franchi has wood furniture and an alloy receiver. The grip is via a straight-wristed neck, and the receiver is highly engraved and ornate. The barrel has a full-length sighting rib with a front sight bead. External metalwork is largely matte black, and the shotgun has a gold-plated trigger. The Leopard is a synthetic stocked shotgun with texturing on the pistol grip wrist and fore-end in rubber. The sighting rib is elaborate, and the front sight is a fiberoptic strip. The receiver has considerable engraving.

Weapon	Ammunition	Weight	Magazines	Price
Sarsilmaz/Franchi (24" Barrel)	12 Gauge 3"	3.02 kg	5 Tubular	\$642
Sarsilmaz/Franchi (26" Barrel)	12 Gauge 3"	3.08 kg	5 Tubular	\$652
Sarsilmaz/Franchi (28" Barrel)	12 Gauge 3"	3.11 kg	5 Tubular	\$662
Leopard	12 Gauge 3.5"	3.4 kg	5 Tubular	\$819

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Sarsilmaz/Franchi (24")	SA	5/1d6x32 or 2d6	2-3-Nil/Nil or Nil	7	5	Nil	59
Sarsilmaz/Franchi (26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	5	Nil	65
Sarsilmaz/Franchi (28")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	70
Leopard	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	77

Omega/Norinco SPS-12

Notes: Though distributed exclusively by Omega Weapons Systems of the US, the SPS-12 is actually built in China by Norinco.

The SPS-12 is sort of an enlarged M1 carbine made into a shotgun. It is a large, heavy weapon, which makes it easy to handle recoil, but also makes it sort of a beast to tote and handle. The action is basically a variation of the M1 Carbine action, with an enlarged AK-style magazine and an AK-style magazine catch and release. The standard barrel is bored for Cylindrical choke, and the receiver is made to military specifications and is cold hammer-forged of steel, as is the barrel. The standard barrel length is considered to be 20 inches, but models with barrel lengths of 14 inches, 18.5 inches, and 24 inches. (The latter is primarily used by civilian hunters.) Stocks are of black polymer, and may be standard-type stocks or have a true pistol grip. The safety is ambidextrous, and the semiautomatic operation is by gas. Sights are a ghost ring rear and ramp front; the SPS-12 is not drilled and tapped for scopes or scope mounts. Feed is unusual for a shotgun, being from a box magazine; the magazines are in fact enlarged and modified AK-type magazines.

Weapon	Ammunition	Weight	Magazines	Price
SPS-12 (14" Barrel)	12 Gauge 2.75"	3.83 kg	5, 10	\$553
SPS-12 (18.5" Barrel)	12 Gauge 2.75"	3.95 kg	5, 10	\$576
SPS-12 (20" Barrel)	12 Gauge 2.75"	3.99 kg	5, 10	\$584
SPS-12 (24" Barrel)	12 Gauge 2.75"	4.1 kg	5, 10	\$604

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
SPS-12 (14")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or Nil or 1-Nil	5	4	Nil	27
SPS-12 (18.5")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or Nil or 1-Nil	6	4	Nil	39
SPS-12 (20")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	43
SPS-12 (24")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	52

Daewoo USAS-12/ Atchisson AA-12/MPS AA-12

Notes: Originally a joint design between Daewoo and the American company of Atchisson, the USAS-12 was classified as a Class III destructive device in the US and Atchisson dropped out of the partnership, feeling there would be little or no US sales. The original design was the Daewoo/Atchisson AA-12 Assault Shotgun, a selective fire shotgun designed to fire standard as well as exotic ammunition. This was later modified by Daewoo in the hopes of US sales and renamed the USAS-12, but the large ammunition capacity of the magazines dashed hopes of this too. Both weapons can be fed by large capacity box or drum magazines. The weapon is designed like an assault rifle, and bears a superficial resemblance to the M16. The low rate of fire helps keep recoil low, especially during automatic fire.

Since Daewoo could not find any takers for the USAS-12 either, they looked around for someone so sell the rights to the UASA-12 to, and in 1987, those rights were sold to Jerry Baber of MPS in the United States. He too discovered that no one actually wanted to buy the weapon (which he re-named back to the original AA-12 name) for quite some time. (More on that later.) Baber and his MPS team also discovered that the USAS-12 could stand a great deal of improvement, and this began an improvement, testing, and re-testing period which would stretch to almost 18 years and 200 major and minor changes to the weapon.

Some of the major improvements included using a tougher synthetic material for the shell. Initially, only 8-round box magazines and 20-round drums were offered for the new AA-12, but later 32-round and 40-round drums became available in small numbers. (MPS intends to produce more of them in the future, subject to the needs of US Armed Forces.) The magazine well now resembles an enlarged version of that of the Thompson submachinegun, and the magazine catch and trigger-selector group are similar to that of the M16 series. Fresh magazines can be inserted with the bolt forward or back. The charging handle was moved to the top, and the sights mounted on elevated posts to see over the charging handle; a VersaPod folding foregrip was added under the handguard. The charging handle is non-reciprocating. Though the new AA-12 is not now equipped with ambidextrous controls, the US military has requested them, and they are planned for future models. The weight, straight-line layout, a large gas piston, and a special Stoner-designed "constant recoil system" combine to reduce the amount of felt recoil. Most of the internal parts and firing elements are made from steel, though they are enclosed in a two-piece synthetic shell, and the barrel is available in several different lengths. Except for the 12-inch and 13-inch barrel versions, the new AA-12 is able to accept a standard M16-type bayonet.

The reason MPS put their version of the AA-12 into limited production was a request by the US military (all branches, including the Coast Guard and SOCOM) for an assault shotgun capable of automatic fire, primarily for use in house-to-house warfare in Iraq. (In fact, the large-capacity drums were SOCOM's idea, as were the 13 and 14-inch barrel lengths.) Though MPS intended to produce their AA-12 in black, the US military requested gray, tan, and then ACU-pattern AA-12s, and MPS obliged. A MIL-STD-1913 rail was also requested for the AA-12, and should appear in late 2007. The US Marines also have produced three new rounds primarily for use in their AA-12s: the FRAG-12, HEAP-12, and HE-Blast-12, which are also being procured by SOCOM. A top-mounted sling was also requested, also to appear in late 2007; in the meantime, Buffer Technologies has already made one compatible with the AA-12. Though the new AA-12 does not yet have an official military designation, it is already limited use in Iraq and Afghanistan, and MPS is shopping it around to other countries. (It will not be sold to the military or police in the US, according to MPS.)

Twilight 2000 Notes: The USAS-12 received a surprising amount of use during the Twilight War, not only by the South Koreans, but by US, British, Australian, and Mexican troops. They were used mostly by special operations units and by military police.

Merc 2000 Notes: These weapons were favorites of gangs on the US West Coast, and were also used by police and military

special operations units.

Weapon	Ammunition	Weight	Magazines	Price
AA-12/USAS-12	12 Gauge 2.75"	5.5 kg	10, 12, 20 Drum, 28 Drum	\$589
MPS AA-12 (12" Barrel)	12 Gauge 2.75" and 3"	4.49 kg	8, 20 Drum, 32 Drum, 40 Drum	\$590
MPS AA-12 (13" Barrel)	12 Gauge 2.75" and 3"	4.54 kg	8, 20 Drum, 32 Drum, 40 Drum	\$595
MPS AA-12 (14" Barrel)	12 Gauge 2.75" and 3"	4.59 kg	8, 20 Drum, 32 Drum, 40 Drum	\$600
MPS AA-12 (16" Barrel)	12 Gauge 2.75" and 3"	4.69 kg	8, 20 Drum, 32 Drum, 40 Drum	\$610
MPS AA-12 (18" Barrel)	12 Gauge 2.75" and 3"	4.79 kg	8, 20 Drum, 32 Drum, 40 Drum	\$620

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
AA-12/USAS-12	3	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	3	5	39
Flechette Ammo	3	2d6x8	1-Nil	6	3	5	29
MPS AA-12 (12", 2.75")	3	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	2	4	22
MPS AA-12 (12", 3")	3	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	2	4	24
MPS AA-12 (13", 2.75")	3	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	2	4	24
MPS AA-12 (13", 3")	3	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	2	4	27
MPS AA-12 (14", 2.75")	3	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	2	4	27
MPS AA-12 (14", 3")	3	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	2	4	30
MPS AA-12 (16", 2.75")	3	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	2	4	33
MPS AA-12 (16", 3")	3	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	2	4	36
MPS AA-12 (18", 2.75")	3	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	2	4	38
MPS AA-12 (18", 3")	3	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	2	4	43
(Flechette, 12")	3	2d6x8	1-Nil	5	2	4	17
(Flechette, 13")	3	2d6x8	1-Nil	5	2	4	18
(Flechette, 14")	3	2d6x8	1-Nil	5	2	4	20
(Flechette, 16")	3	2d6x8	1-Nil	6	2	4	25
(Flechette, 18")	3	2d6x8	1-Nil	6	2	4	29
(FRAG-12, 12")	3	C0 B6	Nil/1C*	5	2	4	15
(FRAG-12, 13")	3	C0 B6	Nil/1C*	5	2	4	17
(FRAG-12, 14")	3	C0 B6	Nil/1C*	5	2	4	19
(FRAG-12, 16")	3	C0 B6	Nil/1C*	6	2	4	23
(FRAG-12, 18")	3	C0 B6	Nil/1C*	6	2	4	27
(HEDP-12, 12")	3	C0 B4	2-2-2/5C	5	2	4	15
(HEDP-12, 13")	3	C0 B4	2-2-2/5C	5	2	4	17
(HEDP-12, 14")	3	C0 B4	2-2-2/5C	5	2	4	19
(HEDP-12, 16")	3	C0 B4	2-2-2/5C	6	2	4	23
(HEDP-12, 18")	3	C0 B4	2-2-2/5C	6	2	4	27
(HE-Blast-12, 12")	3	C2 B2	Nil/Nil*	5	2	4	15
(HE-Blast-12, 13")	3	C2 B2	Nil/Nil*	5	2	4	17
(HE-Blast-12, 14")	3	C2 B2	Nil/Nil*	5	2	4	19
(HE-Blast-12, 16")	3	C2 B2	Nil/Nil*	6	2	4	23
(HE-Blast-12, 18")	3	C2 B2	Nil/Nil*	6	2	4	27

Benelli Autoloader

Notes: This was Benelli's first semiautomatic shotgun offering. Though almost all European autoloaders use some derivative of the Browning long-recoil system, the Benelli Autoloader uses a recoil-operated system that, while far more mechanically complex, makes for a more reliable system than the typical recoil-operated weapon. It also means that even if different types of ammunition are used in the weapon, the amount of recoil transmitted to the user remains constant.

Weapon	Ammunition	Weight	Magazines	Price
Autoloader (25.6" Barrel)	12 Gauge (2 1/2", 3", 3 1/2")	2.85 kg	4 Tubular	\$734
Autoloader (27.56" Barrel)	12 Gauge (2 1/2", 3", 3 1/2")	3.18 kg	4 Tubular	\$744
Autoloader (25.6" Barrel)	20 Gauge (2 1/2", 3")	2.56 kg	4 Tubular	\$506
Autoloader (27.56" Barrel)	20 Gauge (2 1/2", 3")	2.86 kg	4 Tubular	\$516

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Benelli Autoloader (12GA 25.6")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	59
Benelli Autoloader (12GA 3" 25.6")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	71
Benelli Autoloader (12GA 3.5" 25.6")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	6	Nil	85
Benelli Autoloader (12GA 27.56")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	65
Benelli Autoloader (12GA 3" 27.56")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	78
Benelli Autoloader (12GA 3.5" 27.56")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	94
Benelli Autoloader (20GA 25.6")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	50
Benelli Autoloader (20GA 3" 25.6")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	60
Benelli Autoloader (20GA 27.56")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	54
Benelli Autoloader (20GA 3" 27.56")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	65

Benelli Centro

Notes: This is a semiautomatic shotgun introduced in 1996. It was meant for hunting, trap and skeet shooting. The Centro features a carbon-fiber ventilated rib --- three actually, which may be changed as needed for hunting, trap, or skeet shooting. The chokes are interchangeable (the Varichoke system), and the barrel may be 26 or 28 inches. It is important that the charge in the shells is of proper levels, since the mechanism is driven by recoil.

Twilight 2000 Notes: This vehicle does not exist.

Weapon	Ammunition	Weight	Magazines	Price
Centro (26" Barrel)	12 Gauge 3"	3 kg	5 Tubular	\$723
Centro (28" Barrel)	12 Gauge 3"	3.1 kg	5 Tubular	\$733

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Centro (26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	65
Centro (28")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70

Benelli Cordoba

Notes: Introduced in 2005, the Cordoba is named after Cordoba, Argentina, and inspired by the high volume of dove hunting available in that area. It is a semiautomatic magnum shotgun primarily designed for fowling and bird hunting, but also quite useable on clay pigeon ranges. It uses Benelli's new CrioTech barrel – a barrel which is cryogenically treated and after forging, which removes imperfections caused by heat and hammer forging in ways which are still not completely understood. They also use CrioChoke interchangeable chokes (a set of five), which are longer than standard screw-in internal choke tubes, which are similarly cryogenically-treated, and longer than normal interchangeable chokes, which allows for a smoother surface and less pellet deformation. (This is another feature which I don't know how to simulate...) The stock of the Cordoba is synthetic; the standard color is light gray, but other colors are available. The stock contains Benelli's patented ComforTech system, which is basically a specially-shaped stock that reduces felt recoil; this stock includes shock-absorbing "chevrons" and gel pads for the cheek and butt. In addition, the barrel is ported to further reduce recoil, making the Cordoba one of the softest-kicking shotguns of its type in the world. The barrel has a ventilated sighting rib with a red bar front sight and a metal bead rear sight (which is actually near the middle of the rib).

Weapon	Ammunition	Weight	Magazines	Price
Cordoba (28" Barrel)	12 Gauge 2.75" and 3"	3.27 kg	4 Tubular	\$848
Cordoba (30" Barrel)	12 Gauge 2.75" and 3"	3.31 kg	4 Tubular	\$858

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Cordoba (28", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	2	Nil	62
Cordoba (28", 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	3	Nil	70
Cordoba (30", 2.75")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	3	Nil	67

Cordoba (30", 3")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	3	Nil	76
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Benelli/Fiocchi ETHOS

Notes: Teamed up with Fiocchi. Benelli has produced a high-power shotgun with minimal recoil for its shotshells. The core of the weapon is the Benelli Progressive Comfort recoil system consisting of three graduated interlocking buffers in the stock that reduce recoil, and this is enhanced by a thick recoil pad. Furthermore, it uses the Inertia Driven system for improved reliability. It fires standard and magnum shells; this includes 28-gauge magnum shells. In addition, it will cycle the lightest loads, such as birdshot, as well as slugs. The stock is Grade AA walnut, with a pad on the comb, a textured semi-pistol grip, and a hand swell on the fore-end. The stock is normally oil-finished, but alternate finishes include satin walnut. Finishes for the external metalwork include bright steel with engraving, anodized, and nickel plating and engraving. The crossbolt safety is in the forward part of the trigger guard, and the reach from stock to trigger is ergonomic; the trigger pack can also be removed or simply moved back and forth to an extent to improve reach. The trigger guard may be dropped and hinged out of the way to allow use with the heaviest of gloves or mittens. The carrier latch is in two parts, making loading quicker and easier. The ETHOS comes with a set of three Crio removable chokes of the buyer's choice. The front sight is a fiberoptic which may be yellow, green, or red, again by buyer's choice.

Weapon	Ammunition	Weight	Magazines	Price
ETHOS (26" Barrel)	12 Gauge 2.75" and 3"	2.9 kg	5 Tubular	\$757
ETHOS (28" Barrel)	12 Gauge 2.75" and 3"	2.95 kg	5 Tubular	\$809
ETHOS (26" Barrel)	20 Gauge 2.75" and 3"	2.54 kg	5 Tubular	\$655
ETHOS (28" Barrel)	20 Gauge 2.75" and 3"	2.59 kg	5 Tubular	\$666
ETHOS (26" Barrel)	28 Gauge 2.75" and 3"	2.4 kg	5 Tubular	\$585

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
ETHOS (26", 2.75", 12 GA)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	57
ETHOS (28", 2.75", 12 GA)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	3	Nil	62
ETHOS (26", 3", 12 GA)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	3	Nil	66
ETHOS (28", 3", 12 GA)	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	70
ETHOS (26", 2.75", 20 GA)	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	3	Nil	48
ETHOS (28", 2.75", 20 GA)	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	3	Nil	52
ETHOS (26", 3", 20 GA)	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	3	Nil	55
ETHOS (28", 3", 20 GA)	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	3	Nil	59
ETHOS (26", 2.75", 28 GA)	SA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	7	3	Nil	43
ETHOS (28", 3", 28 GA)	SA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	7	3	Nil	49

Benelli Executive

Notes: This is an autoloading shotgun that, while a perfectly usable weapon, is designed more for looks than serious hunting or sporting use. This is because the Executive is made from materials of the highest quality – fine walnut root stocks, intricate and beautiful engraving inlaid with gold, stainless steel receiver instead of normal steel, etc. When one is buying an Executive, you are not thinking just how it shoots, but how it looks also. The Executive comes with fixed choke to the wishes of the customer, an interchangeable choke, or a Varichoke. The Executive tends to be a bit heavy, but it is not really meant for carrying around on difficult terrain.

Weapon	Ammunition	Weight	Magazines	Price
Executive (21" Barrel)	12 Gauge 3"	3.5 kg	5 Tubular	\$623
Executive (24" Barrel)	12 Gauge 3"	3.56 kg	5 Tubular	\$638
Executive (26" Barrel)	12 Gauge 3"	3.6 kg	5 Tubular	\$648
Executive (28" Barrel)	12 Gauge 3"	3.64 kg	5 Tubular	\$658

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Executive (21")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	52
Executive (24")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	59
Executive (26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	65
Executive (28")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70

Benelli Super 90 Series

Notes: The Super 90 series was developed from the SL-80 series of shotguns which dates from the late 1970s and was designed for military, police, and civilian use. Several improvements were made to the SL-80 design, including use of a one-piece receiver instead of the two halves used on the SL-80, and a rotary bolt instead of a non-rotating bolt. It is regarded as an extremely-reliable shotgun, and cycles in the same quick manner as the SL-80. It is noteworthy that, beginning in the mid-1980s, the Super 90 series was actually imported to North America by Heckler & Koch, and sold under their name; they received a royalty in return for being the

middlemen, but the guns were still made by Benelli. Later, in the early 2000s, Benelli came under the umbrella of Beretta and Benelli sold its weapons under its own name again.

Like the SL-80, the Super 90 series is recoil-operated. Operation is via an inertia recoil system, which is essentially a short recoil system that cycles very rapidly. This system also makes the recoil a little different from the standard shotgun, producing a long, softer thump instead of the sudden, heavy thump of most shotguns. It is fed from an extended tubular magazine (often plugged to a smaller ammunition capacity to comply with local legislation); it may also be supplied with several lengths of tubular magazines (depending upon local legislation and the length of the barrel). The feed from this magazine may be stopped in order to empty the chamber or insert special ammunition. The M-1 Super 90 is very tolerant of different qualities and types of ammunition, but an extra step is required when charging the M-1 Super 90 – a cartridge drop lever must be actuated (which takes negligible time in game terms, but can trip up an inexperienced user of the M-1 Super 90). The furniture is of a synthetic material (though wood may be requested by the buyer; the stock, fore-end, and metalwork are normally finished in black or dull gray, but a variety of finishes may be had, including some rather dazzling camouflage patterns. A ventilated rubber recoil pad is standard, and is usually black in color. The metalwork is steel. Left-handed versions are also available of the civilian guns; these are appended with the name “Mancino” (as in M-1 Super 90 Mancino).

The standard civilian M-1 Super 90, the base model of the series, is designed to be as multi-purpose as possible. Barrel lengths ranging from 21-28 inches can be found, with a ventilated sighting rib above the barrel. (Initially a version with a 30-inch barrel was also sold, for a short time, but it was pulled off the market long ago due to poor sales.) The M-1 Super 90 uses the Varichoke system, with interchangeable chokes of Full, Improved Modified, Modified, Improved Cylinder, and Cylinder being supplied with the shotgun. At request, the buyer may pass on the Varichokes and use external choke tubes of Full and Improved Modified instead. Slug versions are also built with adjustable rifle-type sights and barrel lengths of 18.5 or 19.75 inches; an M-1 Super 90 Rifled version is also available, with a 24-inch rifled barrel; using this version for firing buckshot will eventually ruin the rifling and is not recommended. Finally, an M-1 20 Super 90 version of the standard M-1 Super 90 shotguns is available, with the same barrel lengths, but in 20 gauge, and it also uses an Ergal light alloy receiver instead of one made from steel.

The M-2 Super 90 also uses a synthetic stock, but the materials used in the stock and fore-end are more advanced than those of the M-1 Super 90, and the gun is slightly lighter than the M-1 Super 90. As with the M-1 Super 90, wood stocks are also available upon request. The receiver housing is made from Ergal light alloy, but most of the other metalwork is steel. The cartridge drop lever and mechanism have also been removed. Barrels of the standard versions of the M-2 Super 90 are also 21-28 inches, with the same chokes as those of the M-1 Super 90. The Slug version is limited to a barrel length of 19.75 inches, but users of the 26-inch standard barrel may choose a ribbed or non-ribbed barrel, with the non-ribbed barrel version having fixed standard sights. There is no version of the M-2 Super 90 with a rifled barrel.

The M-3 Super 90 is a version of the Super 90 series which may be switched from semiautomatic to pump-action, using an operating system similar to that of the Franchi SPAS-12 and SPAS-15. The standard civilian model is available only with a 26-inch barrel (with a full set of Varichokes or optional external interchangeable chokes in Full or Improved Modified). Two slug versions are also made, differing only in finish (the standard matte black finish and the Kromo with polished nickel-plated metalwork). These slug versions have a 19.75-inch or 18.5-inch non-rifled barrels. Both of these Slug versions may have adjustable rear sights or scope mounts, and have fixed Cylindrical chokes.

Another part of the Super 90 series, the Super 90 Tactical series, was re-designed specifically for military use, and to a lesser extent, police entry team use. The M-1 Super 90 Tactical is designed to be lightweight, with a receiver built of high-strength aluminum alloy (this can be done since the receiver is designed to be unstressed), with operating parts of steel, and the bolt carrier riding within a steel barrel extension. Sights are ghost ring at the rear and a protected blade at the front. Both are adjustable and have tritium inserts. The steel barrel is 18.5 inches long and can use choke inserts for Improved Cylinder, Modified, and Full Choke. The standard tubular magazine contains five rounds, but an extended magazine is available. The M-1 Super 90 Tactical may use both standard and Magnum shells, but neither light nor “hot” loads are recommended. Stocks are synthetic with a pistol grip (with a pistol grip wrist being optional) and a recoil pad at the butt. The M-1 Super 90 Tactical Entry is essentially the same weapon, but has a 14-inch barrel, no provision for choke tubes, and has a somewhat shorter stock. Benelli used to supply its Tactical versions only in non-reflective black, but other (non-reflective) colors and finishes are now available. As with the SL-80 and standard M-1 Super 90, mounting a folding stock on the M-1 Super 90 Tactical is basically impossible due to the long recoil spring.

The M-2 Super 90 Tactical and Tactical Entry shotguns are also almost virtually identical to the M-1 Super 90 Tactical, but are improved in the areas of reliability, and eliminate the cartridge drop lever.

The M-3 Super 90 Tactical is a development of the M-1/M-2 series; the standard barrel is somewhat longer than the M-1 Super 90 Tactical at 19.8 inches, but versions with 13.4-inch barrels are available (the M-3 Super 90 Tactical Entry version). Folding stock versions of both are also available (due to the different operating system); these models are called the M-3T Super 90 Tactical and the M-3T Super 90 Tactical Entry. The M-3 Super 90 Tactical is also available with rifle-type sights and a rifled barrel; this version is known as the M-3 Super 90 Tactical Combat, and is for all intents and purposes a large-caliber rifle, firing slugs only. The action of the M-3 allows for both semiautomatic and pump-action firing; this allows for the use of odd-length rounds if necessary. As with the M-1, the M-2 is available with an extended magazine. The M-3 Super 90 series is known to be a favorite of the British SAS.

The Benelli M-4 is the newest member of the Super 90 line – and perhaps the most “tricked out.” Designed primarily for self-defense or police use, civilian versions use fixed stocks with a pistol grip or a standard-type stock with a pistol grip wrist -- both of polymer. Finishes may be black or desert camo, and this includes the metalwork (except for internal metalwork, which is of stainless steel with a Teflon finish). They use the ARGO self-regulating gas system which automatically compensates for fouling, dirt, or

variances in load or propellant weight. The operation system is greatly simplified, making the M-4 far easier to strip and care for, as well as making the shotgun much more tolerant to the elements. The receiver is topped by a MIL-STD-1913 rail, as well as having permanently-attached adjustable ghost-ring rear and fixed blade front sights. The M-4 can use 2.75-inch and 3-inch shells, and fires them through a 18.5-inch barrel.

There is also an M-4 Super 90 Tactical – but it is better known as the H&K/Benelli M-1014, was designed specifically designed for the US military, and is found in the International Semiautomatic Shotguns section.

Weapon	Ammunition	Weight	Magazines	Price
M-1 Super 90 (21" Barrel)	12 Gauge 3"	3.25 kg	3, 5 or 7 Tubular	\$709
M-1 Super 90 (24" Barrel)	12 Gauge 3"	3.3 kg	3, 5 or 7 Tubular	\$724
M-1 Super 90 (26" Barrel)	12 Gauge 3"	3.34 kg	3, 5 or 7 Tubular	\$734
M-1 Super 90 (28" Barrel)	12 Gauge 3"	3.4 kg	3, 5, 7 or 9 Tubular	\$745
M-1 Super 90 (30" Barrel)	12 Gauge 3"	3.43 kg	3, 5, 7 or 9 Tubular	\$755
M-1 Super 90 Slug (18.5" Barrel)	12 Gauge 3"	3.19 kg	3 or 5 Tubular	\$695
M-1 Super 90 Slug (19.75" Barrel)	12 Gauge 3"	3.21 kg	3 or 5 Tubular	\$702
M-1 Super 90 Rifled	12 Gauge 3"	3.3 kg	3, 5 or 7 Tubular	\$724
M-1 20 Super 90 (21" Barrel)	20 Gauge 3"	2.53 kg	3, 5 or 7 Tubular	\$565
M-1 20 Super 90 (24" Barrel)	20 Gauge 3"	2.57 kg	3, 5 or 7 Tubular	\$581
M-1 20 Super 90 (26" Barrel)	20 Gauge 3"	2.6 kg	3, 5 or 7 Tubular	\$591
M-1 20 Super 90 (28" Barrel)	20 Gauge 3"	2.65 kg	3, 5, 7 or 9 Tubular	\$602
M-2 Super 90 (21" Barrel)	12 Gauge 3"	3.16 kg	3, 5 or 7 Tubular	\$713
M-2 Super 90 (24" Barrel)	12 Gauge 3"	3.21 kg	3, 5 or 7 Tubular	\$728
M-2 Super 90 (26" Barrel)	12 Gauge 3"	3.25 kg	3, 5 or 7 Tubular	\$739
M-2 Super 90 (28" Barrel)	12 Gauge 3"	3.31 kg	3, 5, 7 or 9 Tubular	\$750
M-2 Super 90 Slug	12 Gauge 3"	3.2 kg	3 or 5 Tubular	\$706
M-3 Super 90	12 Gauge 3"	3.6 kg	3, 5, or 7 Tubular	\$862
M-3 Super 90 Slug (18.5" Barrel)	12 Gauge 3"	3.3 kg	3 or 5 Tubular	\$823
M-3 Super 90 Slug (19.75" Barrel)	12 Gauge 3"	3.32 kg	3 or 5 Tubular	\$829
M-1/M-2 Tactical	12 Gauge 2.75" and 3"	3.21 kg	5 or 7 Tubular	\$701
M-1/M-2 Tactical Entry	12 Gauge 2.75" and 3"	3.1 kg	4 or 6 Tubular	\$677
M-3 Tactical	12 Gauge 2.75" and 3"	3.34 kg	5, 6 or 7 Tubular	\$830
M-3 Tactical Entry	12 Gauge 2.75" and 3"	3.19 kg	4, 5 or 6 Tubular	\$798
M-3 Tactical Combat	12 Gauge 2.75" and 3"	3.37 kg	5, 6 or 7 Tubular	\$830
M-3T Tactical	12 Gauge 2.75" and 3"	3.26 kg	5, 6 or 7 Tubular	\$775
M-3T Tactical Entry	12 Gauge 2.75" and 3"	3.11 kg	4, 5 or 6 Tubular	\$743
M-4 Super 90	12 Gauge 2.75" and 3"	3.54 kg	5 Tubular	\$624

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-1 Super 90 (21")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	52
M-1 Super 90 (24")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	59
M-1 Super 90 (26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	65
M-1 Super 90 (28")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70
M-1 Super 90 (30")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	76
M-1 Super 90 Slug (18.5")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	45
M-1 Super 90 Slug (19.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	48
M-1 Super 90 Rifled	SA	6	2-4-Nil	7	6	Nil	98
M-1 20 Super 90 (21")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	43
M-1 20 Super 90 (24")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	50
M-1 20 Super 90 (26")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	55
M-1 20 Super 90 (28")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	59
M-2 Super 90 (21")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	52
M-2 Super 90 (24")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	59
M-2 Super 90 (26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	65
M-2 Super 90 (28")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70
M-2 Super 90 Slug	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	48
M-3 Super 90	PA/SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	65
M-3 Super 90 Slug (18.5")	PA/SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	45
M-3 Super 90 Slug (19.75")	PA/SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	48
M-1/M-2 Tactical (2.75")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	39
M-1/M-2 Tactical (3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	45

M-1/M-2 Tactical Entry (2.75")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	4	Nil	27
M-1/M-2 Tactical Entry (3")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	4	Nil	30
M-3 Tactical (2.75")	PA/SA	4/1d6x28 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	42
M-3 Tactical (3")	PA/SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	49
M-3 Tactical Entry (2.75")	PA/SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	4	Nil	25
M-3 Tactical Entry (3")	PA/SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	4	Nil	28
M-3 Tactical Combat (2.75")	PA/SA	6	2-4-Nil	6	6	Nil	61
M-3 Tactical Combat (3")	PA/SA	6	2-4-Nil	6	6	Nil	72
M-3T Tactical (2.75")	PA/SA	4/1d6x28 or 2d6x4	2-3-Nil/Nil or 1-Nil	5/6	4	Nil	42
M-3T Tactical (3")	PA/SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5/6	4	Nil	49
M-3T Tactical Entry (2.75")	PA/SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	4/5	4	Nil	25
M-3T Tactical Entry (3")	PA/SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	4/5	4	Nil	28
M-4 Super 90 (2.75")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	39
M-4 Super 90 (2.75")	SA	4/1d6x28 or 2x6x8	2-3-Nil/Nil or Nil	6	4	Nil	45

Benelli Montefeltro

Notes: This shotgun, introduced in 1983, was designed to be an inexpensive autoloading shotgun. It was initially available only with a fixed Modified Choke, a 25.625-inch barrel, and accepting only 2.75" shells, but it was later built to accept a set of interchangeable chokes and barrels of 24 or 26 inches, and chamber the more popular 3" magnum shells. A version is also made with external Full or Modified Chokes; these chokes extend the barrels by 2 inches, and increase the weight somewhat. The standard version has matte black receiver housing, but a version known as the Montefeltro 20E has a stainless steel strip along the sides of the receiver with etchings on it. (It is identical to the standard guns for game purposes.)

Weapon	Ammunition	Weight	Magazines	Price
Montefeltro (Original)	20 Gauge 2.75"	3.2 kg	5 Tubular	\$474
Montefeltro (24" Barrel)	20 Gauge 3"	2.7 kg	5 Tubular	\$495
Montefeltro (26" Barrel)	20 Gauge 3"	2.74 kg	5 Tubular	\$505
Montefeltro (26" External Choke)	20 Gauge 3"	2.94 kg	5 Tubular	\$505
Montefeltro (28" External Choke)	20 Gauge 3"	2.98 kg	5 Tubular	\$516

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Montefeltro (Original)	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	47
Montefeltro (24")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	50
Montefeltro (26")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	55
Montefeltro (28")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	59

Benelli SL-80

Notes: Introduced in 1978 to replace the old Benelli Autoloader, the SL-80 (also known as the 121 SL-80) is a range of shotguns which was designed for civilian, police, and military work. The SL-80 and its later versions are available in a variety of finishes, construction materials, and degrees of fanciness, from basic bluing to versions which are built using the finest quality of walnut root and engraving with gold inlays and plating.

At their heart, however, all members of the SL-80 series are semiautomatic recoil-operated shotguns, stressed to fire both 2.75-inch and 3-inch shells with a variety of different special shells and loadings (though for best results, Benelli recommends that only standard loadings be used in the series). The SL-80 series is well known for the ability of its semiautomatic action to cycle very quickly while producing lower levels of recoil than comparable shotguns – though they still kick a bit hard compared to modern gas-operated semiautomatic shotguns. A shotgun expert named John Satterwhite once took an SL-80 with an 8-round extended magazine, loaded an additional round in the chamber, and then fired at a target so fast he emptied the gun before the first expended shell hit the ground – and still attained a decent amount of hits on the target! In fact, the use of recoil operation instead of gas allows the use of extended tubular magazines of almost any length (even ridiculous lengths extending beyond the muzzle of the gun, which has been done as an experiment), without any significant engineering problems.

The basic civilian SL-80 is dark walnut-stocked with a semi-pistol-grip wrist and no recoil pad for the butt. It's a basic sort of shotgun with a blued finish, steel metalwork, and barrels of barrels of 23.625, 25.625, or 27.5 inches, and fixed chokes which are normally Modified, Cylinder, or Improved Cylinder (though others were available upon request). Normal sights consisted of a ventilated rib above the barrel with a bead at the front of the rib, but rifle-type sights were available upon request. Standard magazines held five rounds, but this could be made smaller (depending upon the regulations of the country of the buyer) by use of plugs, and extended magazines could easily be mounted as noted earlier.

There are several civilian variants of the SL-80, such as the Caccia hunting model, which primarily differs in the variety of finishes available, the addition of a recoil pad and sling swivels, and the different types of sights and ribs which could be mounted. The Special 80 was also basically identical to the standard SL-80, but was lighter due to the use of the light alloy Ergal for the receiver housing instead of steel. A Trap version was also built, which was heavier, used only a 27.5-inch barrel, a wider sighting rib with day-

glo plastic front bead, and came only with a fixed choke of Improved Cylinder. A Skeet version was also built; the SL-80 Skeet came in a variety of finishes and fanciness, a 25.625-inch barrel, a wide sighting rib, and threading for variable choke tubes. A Super 80 Skeet was also produced, with the Ergal receiver. A single 20-gauge variant, the 201 SL-80, was produced; this was offered only with a 25.625-inch barrel, fixed Improved Cylinder choke, and simple notch and bead sights instead of a sighting rib. Finally, a specialized slug model was built; this version has a 21.625-inch non-rifled barrel, fully-adjustable rifle-type sights, fixed Cylindrical choke, a stock with a true pistol grip, and a rubber recoil pad on the stock.

Several military and police versions of the SL-80 series were also produced, called the 121 M-1 series. The basic 121 M-1 uses a weatherproofed walnut stock with a semi-pistol grip and a standard extended magazine; the steel metalwork is blued and the stock finished so that both are almost black in appearance. The stock also includes a ventilated rubber recoil pad which is thicker than those used by civilian SL-80s equipped with recoil pads. The magazine includes a barrel brace to further strengthen the gun. The 19.75-inch barrel has a fixed Cylindrical choke. Sights are rifle-type, with the rear sight being fully adjustable and the front sight having a florescent white insert. The early 121 M-1s were unable to cycle shells without firing them; most, however, have a shutoff switch which allows manual loading and unloading of the chamber. The 121 M-1 is able to fire virtually any sort of 2.75-inch or 3-inch shell, including round types which semiautomatic shotguns normally find difficult to use, such as riot-control munitions, light-propellant loads, "hot" loads, and other wildcat combinations of propellant and/or pellets (and of course, a variety of slug types). Unfortunately, the very long recoil spring of the SL-80 series prevents the use of the folding stocks the military and police like so much, but Benelli would supply the 121 M-1 with a Choate Zytel synthetic stock and fore-end, which includes a true pistol grip instead of the semi-pistol grip wrist of the standard 121 M-1 as well as a thick ventilated rubber recoil pad. (This stock can also be put on civilian SL-80s, but it was not done by Benelli.)

Production of the SL-80 series ended in 1986; the civilian versions were replaced by a variety of more specialized shotguns (both in grade and use), and the military and police versions were largely replaced by the M-1 and M-3 Super 90 versions (and later by other models).

Weapon	Ammunition	Weight	Magazines	Price
SL-80 (23.625" Barrel)	12 Gauge 2.75" and 3"	3 kg	5 Tubular	\$636
SL-80 (25.625" Barrel)	12 Gauge 2.75" and 3"	3.05 kg	5 Tubular	\$647
SL-80 (27.5" Barrel)	12 Gauge 2.75" and 3"	3.1 kg	5 Tubular	\$656
SL-80 Caccia (23.625" Barrel)	12 Gauge 2.75" and 3"	3.07 kg	5 Tubular	\$711
SL-80 Caccia (25.625" Barrel)	12 Gauge 2.75" and 3"	3.12 kg	5 Tubular	\$722
SL-80 Caccia (27.5" Barrel)	12 Gauge 2.75" and 3"	3.17 kg	5 Tubular	\$731
Special 80 (23.625" Barrel)	12 Gauge 2.75" and 3"	2.92 kg	5 Tubular	\$640
Special 80 (25.625" Barrel)	12 Gauge 2.75" and 3"	2.97 kg	5 Tubular	\$650
Special 80 (27.5" Barrel)	12 Gauge 2.75" and 3"	3.02 kg	5 Tubular	\$660
SL-80 Trap	12 Gauge 2.75" and 3"	3.45 kg	5 Tubular	\$731
SL-80 Skeet	12 Gauge 2.75" and 3"	3.3 kg	5 Tubular	\$722
Super 80 Skeet	12 Gauge 2.75" and 3"	3.14 kg	5 Tubular	\$725
201 SL-80	20 Gauge 2.75" and 3"	2.55 kg	5 Tubular	\$503
SL-80 Slug	12 Gauge 2.75" and 3"	3.25 kg	5 Tubular	\$701
121 M-1 (Wood Stock)	12 Gauge 2.75" and 3"	3.26 kg	8 Tubular	\$693
121 M-1 (Choate Stock)	12 Gauge 2.75" and 3"	3.19 kg	8 Tubular	\$703

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
SL-80 (23.625", 2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	51
SL-80 (23.625", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	58
SL-80 (25.625", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	56
SL-80 (25.625", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	5	Nil	64
SL-80 (27.5", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	61
SL-80 (27.5", 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	69
SL-80 Caccia (23.625", 2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	51
SL-80 Caccia (23.625", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	58
SL-80 Caccia (25.625", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	56
SL-80 Caccia (25.625", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	64
SL-80 Caccia (27.5", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	61
SL-80 Caccia (27.5", 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	69
Super 80 (23.625", 2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	51
Super 80 (23.625", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	58
Super 80 (25.625", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	56
Super 80 (25.625", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	5	Nil	64
Super 80 (27.5", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	61
Super 80 (27.5", 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	69

SL-80 Trap (2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	61
SL-80 Trap (3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	69
SL-80 Skeet (2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	56
SL-80 Skeet (3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	64
Super 80 Skeet (2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	56
Super 80 Skeet (3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	64
201 SL-80 (2.75")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	47
201 SL-80 (3")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	54
SL-80 Slug (2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	46
SL-80 Slug (3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	53
121 M-1 (Wood Stock, 2.75")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	42
121 M-1 (Wood Stock, 3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	48
121 M-1 (Choate Stock, 2.75")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	42
121 M-1 (Choate Stock, 3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	48

Benelli Sport II

Notes: This is a magnum autoloader with a remarkably slim profile. It is also very lightweight for a magnum shotgun. The Benelli Sport II incorporates an inertial spring system that helps dampen the recoil despite the light weight of the weapon and helps cut down on the fouling that is endemic to most gas-operated semiautomatic shotguns. Porting assists in cutting down on recoil. The gun has a chamber loaded indicator, and the weapon can be manually-loaded, one shell at a time, if desired, without unloading the magazine. The Benelli Sport II is sold with interchangeable shims that allow the weapon to be adjusted for drop and cast, and has an aiming rib above the barrel.

Twilight 2000 Notes: This weapon does not exist.

Weapon	Ammunition	Weight	Magazines	Price
Sport II (28" Barrel)	12 Gauge 3"	3.52 kg	4 Tubular	\$713
Sport II (30" Barrel)	12 Gauge 3"	3.62 kg	4 Tubular	\$723

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Sport II (28")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	70
Sport II (30")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	76

Benelli Super Black Eagle II

Notes: This is a modification of the Super Black Eagle. The biggest change is that the Super Black Eagle II is an autoloader. The second biggest modification is the ComforTech system, which puts recoil absorbing devices into the synthetic stock and a gel recoil pad and cheekpiece insert (the gel is similar to that found in some keyboard palm rests). The Super Black Eagle II also has a checkered fore-end and pistol grip for a more sure hold.

Twilight 2000 Notes: This weapon is not available.

Weapon	Ammunition	Weight	Magazines	Price
Super Black Eagle II (24" Barrel)	12 Gauge 2 3/4", 3", and 3 1/2"	3.22 kg	4 Tubular	\$809
Super Black Eagle II (26" Barrel)	12 Gauge 2 3/4", 3", and 3 1/2"	3.27 kg	4 Tubular	\$819
Super Black Eagle II (28" Barrel)	12 Gauge 2 3/4", 3", and 3 1/2"	3.32 kg	4 Tubular	\$830

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Super Black Eagle II (24", 2 3/4")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	52
Super Black Eagle II (24", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	62
Super Black Eagle II (24", 3 1/2")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	7	5	Nil	75
Super Black Eagle II (26", 2 3/4")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	57
Super Black Eagle II (26", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	68
Super Black Eagle II (26", 3 1/2")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	82
Super Black Eagle II (28", 2 3/4")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62
Super Black Eagle II (28", 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	74
Super Black Eagle II (28", 3 1/2")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	89

Benelli Super Black Eagle 3

Notes: A marked improvement of the Super Black Eagle II, Benelli bills the Super Black Eagle 3 to be "the highest evolution of the semiautomatic 12-Gauge waterfowl gun." The Super Black Eagle 3 is sometimes simply called the SBE3. The gun is capable of chambering normal, Magnum, and Super Magnum rounds, and fires them out of a 26 or 28-inch barrel. The gun is inertia-operated (a form of blowback), and helps soften the felt recoil somewhat. It has a stock called the SBE3 Comfortech III, which includes flexible

diamonds in the stock and a thick ventilated gel recoil pad called a Technogel pad. This is combined with an adjustable LOP. Construction is largely of high-quality aluminum alloy; some internal parts and the barrel are made of steel, while the stock is polymer. Accents on the receiver are taken from the Benelli/Fiocchi ETHOS, also new to Benelli's line. Some other features are taken from the ETHOS – the easy locking detent in the bolt assembly, the Comfortech stock, and the larger, softer cheekpad. The Super Black Eagle 3's barrel is optimized for steel shot, with a hard chromed bore and a barrel of a stronger steel alloy; nonetheless, it is equally capable of firing lead, tungsten or bismuth shot. Different types shells may be loaded at once. Most of the weight of the gun is in the centrally-mounted receiver, which gives the Super Black Eagle 3 excellent balance. The charging handle is oversized and easy to manipulate in a hurry; the manual safety is likewise oversized. The semi-pistol grip is ergonomically-shaped and has some give to it; it is gel covered by polymer. The grip is also amply-checked in a diamond pattern. The trigger guard is so oversized that the shooter can put his finger in the guard even when wearing heavy gloves. The forearm has a gripping palm swell and is checkered in the same diamond pattern as the grip. Magazine capacity is unfortunately small, to comply with US waterfowling regulations; the loading port is enlarged and modified for smooth feeding and if necessary, stuck round clearing. Finishes include Anodized aluminum, Black, Realtree Max5, Mossy Oak Bottomland, Satin Walnut, and Optifade Timber. Lefthanded versions (in Black or Realtree Max5 only) and a version with a rifled barrel is also available, with a 24-inch barrel and able to fire only normal and Magnum shells. (The rifled barrel version is essentially a high-caliber rifle, and firing shot is not recommended, as this will ruin the rifling in short order.) The rifled-barrel version has rifle-type adjustable sights and is drilled and tapped for scope mounts.

Weapon	Ammunition	Weight	Magazines	Price
Super Black Eagle 3 (26" Barrel)	12 Gauge 2 3/4", 3", and 3 1/2"	3.13 kg	3 Tubular	\$897
Super Black Eagle 3 (28" Barrel)	12 Gauge 2 3/4", 3", and 3 1/2"	3.18 kg	3 Tubular	\$907
Super Black Eagle 3 (Rifled Barrel)	12 Gauge 2 3/4", and 3"	3.22 kg	3 Tubular	\$803

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Super Black Eagle 3 (26", 2 3/4")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	3	Nil	58
Super Black Eagle 3 (26", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	3	Nil	66
Super Black Eagle 3 (26", 3 1/2")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	72
Super Black Eagle 3 (28", 2 3/4")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	3	Nil	63
Super Black Eagle 3 (28", 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	71
Super Black Eagle 3 (28", 3 1/2")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	78
Super Black Eagle 3 (Rifled Barrel, 2.75")	SA	6	2-4-Nil	7	5	Nil	84
Super Black Eagle 3 (Rifled Barrel, 3")	SA	6	2-4-Nil	7	5	Nil	100

Benelli Ultra Light

Notes: Touted as the lightest semiautomatic shotgun in production, the Ultra Light makes use of a very light alloy receiver, a low-profile target rib made from carbon fiber, and high-strength, lightweight steel. It also uses a relatively short barrel (for a hunting shotgun) and a rather short tubular magazine. The stock and fore-end are of satin-finished walnut, coated with a finish called WeatherCoat by Benelli.

The Ultra Light uses Benelli's Inertia-Driven recoil operation, which helps reduce recoil – important for such a lightweight shotgun. They are designed for 2.75-inch and 3-inch magnum shells. Barrels are 24 or 26 inches for 12 Gauge or 24 inches for the 20 Gauge, with interchangeable Improved Cylinder, Modified, and Full choke tubes. Aside from the sighting rib, the Ultra Light has a Red Bar front sight. Extra shims are provided to allow the shooter to adjust the drop of the stock.

Twilight 2000 Notes: The Ultra Light is not available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Ultra Light (24" Barrel)	12 Gauge 2.75" and 3"	2.72 kg	3 Tubular	\$691
Ultra Light (26" Barrel)	12 Gauge 2.75" and 3"	2.77 kg	3 Tubular	\$702
Ultra Light	20 Gauge 2.75" and 3"	2.36 kg	3 Tubular	\$547

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Ultra Light (12 GA, 24", 2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	52
Ultra Light (12 GA, 24", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	59
Ultra Light (12 GA, 26", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	4	Nil	57
Ultra Light (12 GA, 26", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	65
Ultra Light (20 GA, 2.75")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	44
Ultra Light (20 GA, 3")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	50

Benelli Vinci

Notes: In 2009, Benelli introduced a new semiautomatic shotgun, the Vinci. The name "Vinci" was chosen due to the several new

concepts in shotgun design which were built into the Vinci. The entire shotgun has basically three major components: the barrel/receiver, the trigger group/fore-end, and the buttstock. The Vinci was designed as a hunting shotgun to be able to take considerable abuse and lots of rapid semiautomatic fire, quick reloading, and more fire, more reloading, etc. During one "field test" (a week-long dove hunt near Cordoba, Argentina), 10 Vincis fired over 8900 shells of various types each, with extremely little in the way of stoppages or damage from abuse or overuse.

The Vinci appears for the most part to be similar to other types of semiautomatic hunting shotguns, though a closer look will show that the Vinci has unusually clean, sleek lines. The exterior of the Vinci is largely built of a synthetic Kevlar-like material (except for the Vinci SuperShort, which uses stronger carbon-fiber-based synthetics), making the Vinci relatively light in weight despite its seemingly heavy construction. The receiver itself is of strong aircraft-quality aluminum alloy, and the barrel, trigger pack, and most of the working parts are of steel. The pattern on the overall Vinci, including the external metalwork, can be in a Realtree MAX-4 camouflage pattern, Realtree APG pattern, or black. The pistol grip wrist is specially textured for a sure grip, as is the fore-end (called the V-Grip). The Vinci has a beveled magazine port which tends to guide rounds into the weapon when reloading it, making reloading the Vinci more sure and easy. The Vinci's Dual Purpose Magazine Release Lever can be used to block reloading, block unloading, chamber the first round, or be used to allow the shooter to quickly unload the Vinci directly through the tubular magazine, by simply repeatedly pulling the lever to the rear.

The Vinci is not, like many semiautomatic shotguns, operated by gas or simple recoil operation. The Vinci's operation is another Benelli invention – The Inline Inertia-Driven System, which is more reliable than simple recoil operation and also tends to resist dirt and fouling. This is combined with the Inline Inertia Bolt, which provides less movement of the bolt with each shot and thus less muzzle climb and felt recoil. Felt recoil is also mitigated by use of Benelli's ComforTech System; This includes a specially-shaped recoil pad on the butt, a comb pad to cushion the cheek during recoil, and the ComforTech Stock, which has 12 recoil-absorbing synthetic "chevrons" starting just behind the pistol grip wrist, and ending with a rubber/synthetic block from the side over the top to the other side of the stock, just behind the cheek pad. The result of the ComforTech is to greatly reduce felt recoil.

The Vinci also uses the QuadraFit system which allows further customization of the stock to fit the individual shooter. Spacers may be fitted at the front of the stock where it meets the receiver to adjust the length of pull, and the cheekpiece and butt pad can also be adjusted. In addition, though the Vinci comes with a fine general-purpose stock, this stock can be removed and replaced with a "Tactical Stock," with a true pistol grip, or one specifically designed for turkey/slug hunting.

The Vinci's barrels come in lengths which vary depending on the version of the Vinci in question. The barrels are called by Benelli Crio barrels – Benelli's version of cold forging, in essence. The barrels take special interchangeable chokes called by Benelli "Crio Chokes," the standard choke for a Vinci is Modified Cylinder, and the interchangeable chokes include Cylinder, Improved Cylinder, Modified, Improved Modified, and Full. The standard sight for a Vinci is a ventilated rib with a mid-bead and a front sight that has a red fiberoptic insert. They are also drilled and tapped for a scope of scope base, including a Weaver Rail.

The Super Vinci is for the most part the same as the Vinci, but it is stressed to be able to fire 3.5" Magnum shells. It was introduced in 2011. It is built using the Supersport's carbon-fiber-based synthetics, and lighter but stronger metals. Finishes include black, Realtree APG, Realtree Max-5, and Gora Optifade Concealment.

Weapon	Ammunition	Weight	Magazines	Price
Vinci (24" Barrel)	12 Gauge 2.75" and 3"	3.04 kg	3 Tubular	\$877
Vinci (26" Barrel)	12 Gauge 2.75" and 3"	3.08 kg	3 Tubular	\$887
Vinci (28" Barrel)	12 Gauge 2.75" and 3"	3.13 kg	3 Tubular	\$898
Vinci Cordoba (28" Barrel)	12 Gauge 2.75" and 3"	3.18 kg	3 Tubular	\$898
Vinci Cordoba (30" Barrel)	12 Gauge 2.75" and 3"	3.22 kg	3 Tubular	\$908
Vinci Supersport (28" Barrel)	12 Gauge 2.75" and 3"	3.18 kg	3 Tubular	\$897
Vinci Supersport (30" Barrel)	12 Gauge 2.75" and 3"	3.22 kg	3 Tubular	\$907
Super Vinci (26" Barrel)	12 Gauge 2.75", 3", and 3.5"	3.13 kg	3 Tubular	\$969
Super Vinci (28" Barrel)	12 Gauge 2.75", 3", and 3.5"	3.18 kg	3 Tubular	\$980

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Vinci (24", 2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	53
Vinci (24", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	60
Vinci (26", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	58
Vinci (26", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	3	Nil	66
Vinci/Cordoba/Supersport (28", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	3	Nil	63
Vinci/Cordoba/Supersport (28", 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	71
Vinci Cordoba/Supersport (30", 2.75")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	68
Vinci Cordoba/Supersport (30", 3")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	77

3")							
Super Vinci (26", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	3	Nil	58
Super Vinci (26", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	3	Nil	66
Super Vinci (26", 3.5")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil of 1-Nil	8	4	Nil	72
Super Vinci (28", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	3	Nil	63
Super Vinci (28", 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	71
Super Vinci (28", 3.5")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	78

Beretta 303

Notes: This is a direct descendant of the original Italian semiautomatic shotgun designs that were produced in Europe in the 1930s. The 303 is basically one of those early shotguns updated by being built with lighter, more modern materials, stronger construction, and improvements to the gas system that makes it more reliable and easier to maintain. It was primarily designed for civilian use, with long barrels, a self-regulating gas system, and the ability to chamber both standard shells and 3-inch Magnum ammunition.

Weapon	Ammunition	Weight	Magazines	Price
Beretta 303 (610mm Barrel)	12 Gauge 2.75" and 3"	2.7 kg	7, 6 Tubular	\$890
Beretta 303 (660mm Barrel)	12 Gauge 2.75" and 3"	2.8 kg	7, 6 Tubular	\$900
Beretta 303 (711mm Barrel)	12 Gauge 2.75" and 3"	2.9 kg	7, 6 Tubular	\$910
Beretta 303 (762mm Barrel)	12 Gauge 2.75" and 3"	3 kg	7, 6 Tubular	\$920
Beretta 303 (813mm Barrel)	12 Gauge 2.75" and 3"	3.1 kg	7, 6 Tubular	\$930
Beretta 303 (610mm Barrel)	12 Gauge 2.75" and 3"	2.4 kg	7, 6 Tubular	\$499
Beretta 303 (660mm Barrel)	12 Gauge 2.75" and 3"	2.48 kg	7, 6 Tubular	\$509
Beretta 303 (711mm Barrel)	12 Gauge 2.75" and 3"	2.57 kg	7, 6 Tubular	\$519
Beretta 303 (762mm Barrel)	12 Gauge 2.75" and 3"	2.66 kg	7, 6 Tubular	\$529
Beretta 303 (813mm Barrel)	12 Gauge 2.75" and 3"	2.75 kg	7, 6 Tubular	\$540

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Beretta 303 (12GA 610mm)	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	5	Nil	55
Beretta 303 (12GA 610mm 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	5	Nil	49
Beretta 303 (12GA 660mm)	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	5	Nil	60
Beretta 303 (12GA 660mm 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	5	Nil	54
Beretta 303 (12GA 711mm)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	66
Beretta 303 (12GA 711mm 3")	SA	6/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	58
Beretta 303 (12GA 762mm)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	71
Beretta 303 (12GA 762mm 3")	SA	6/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	63
Beretta 303 (12GA 813mm)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	9	6	Nil	77
Beretta 303 (12GA 813mm 3")	SA	6/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	9	6	Nil	68
Beretta 303 (20GA 610mm)	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	47
Beretta 303 (20GA 610mm 3")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	42
Beretta 303 (20GA 660mm)	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	51
Beretta 303 (20GA 660mm 3")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	45
Beretta 303 (20GA 711mm)	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	55
Beretta 303 (20GA 711mm 3")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	49
Beretta 303 (20GA 762mm)	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	60
Beretta 303 (20GA 762mm 3")	SA	5/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	53
Beretta 303 (20GA 813mm)	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	65
Beretta 303 (20GA 813mm 3")	SA	5/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	57

Beretta 1201FP

Notes: This is a recoil-operated semiautomatic shotgun designed for police use. The 1201FP uses a special charging procedure that allow the user to load the gun and fire, or if the chamber is empty, load rounds by hand and still keep rounds loaded in the magazine. (This is useful when firing shells that the firer does not normally use on a regular basis, such as shotgun flares or flamer rounds.) This merely involves depressing an extra button, and does not significantly lengthen the time it takes to charge the weapon. Stocks are polymer, and may be conventional or have a pistol grip; with a pistol grip stock, a set of spacers is also supplied so that the length of pull may be adjusted. The design is such that the receiver is unstressed, allowing light aluminum alloy to be used. The rest of the metalwork is steel however, including the 18.1-inch barrel. The sights are actually the same sights as used on the M-92 and M-96 pistols, properly calibrated and with optional tritium inlays.

Twilight 2000 Notes: This weapon does not exist.

Weapon	Ammunition	Weight	Magazines	Price
Beretta 1201FP	12 Gauge 2.75" or 3"	2.9 kg	6 Tubular (2.75"); 5 Tubular (3")	\$618

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Beretta 1201FP (2.75")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	39
Beretta 1201FP (3")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	43

Beretta A304

Notes: This is the latest in a long line of semiautomatic shotguns that are more or less identical except for their age and other minor details. The A304 is a gas operated weapon whose current iteration dates to 1993, but the A300 dates back to the 1950s. Most of the receiver and the front grip is made from light alloy, but the barrel and some parts are made from high-strength steel, and the front grip has a shell of walnut and the stock is of walnut. Interchangeable barrels are available with fixed chokes or interchangeable chokes (which Beretta calls a Mobilchoke system).

Weapon	Ammunition	Weight	Magazines	Price
A304 (24" Barrel)	12 Gauge 2.75"	2.9 kg	4 Tubular	\$601
A304 (26" Barrel)	12 Gauge 2.75"	3.03 kg	4 Tubular	\$611
A304 (28" Barrel)	12 Gauge 2.75"	3.17 kg	4 Tubular	\$621
A304 (30" Barrel)	12 Gauge 2.75"	3.3 kg	4 Tubular	\$631

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
A304 (24")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	52
A304 (26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	57
A304 (28")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
A304 (30")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	67

Beretta A400 Xtreme

Notes: One of Beretta's newest firearms, the Xtreme comes in several versions, the base of which is the Unico Camo Max4. This has a mostly synthetic construction with a finish (even for the external metal) of a camouflage pattern devised by Beretta. It has a tubular feed and may fire from 2.75-inch to 3.5-inch shells, as well as having a barrel stressed for both steel and lead, as well as rifled, unrifled, and sabot slugs. Recoil is low due to the employment of several recoil reduction methods, including a recoiling barrel, straight in line recoil path, air-filled cylinders that have a tungsten mass in it (three total), recoil springs, and a recoil pad. Finally, the A400 is well-balanced. The finish is corrosion-resistant to a high-degree, and the finish includes corners and edges that most such finished shotguns do not cover. Available barrels include 26 inches, 28 inches, and 30 inches. The A400 is known for being able to empty its magazine in less than one second.

The A400 Xplor Xtreme is essentially the same gun, but with synthetics replaced by wood and finish of the external metalwork replaced by bluing. The Xplor Action is a version of the Xplor Xtreme that is "classically finished," with a bronzed steel receiver, blued metalwork otherwise, dark woods with checkering on the fore-end and semi-pistol grip, an ebony tip of the fore-end, and an aiming rib. A 24-inch barrel version is added.

Weapon	Ammunition	Weight	Magazines	Price
A400 Unico Camo Max4 (26" Barrel)	12 Gauge 2.75", 3", 3.5"	3.22 kg	4 Tubular	\$1019
A400 Unico Camo Max4 (28" Barrel)	12 Gauge 2.75", 3", 3.5"	3.26 kg	4 Tubular	\$1029
A400 Unico Camo Max4 (30" Barrel)	12 Gauge 2.75", 3", 3.5"	3.3 kg	4 Tubular	\$1039
A400 Xplor Xtreme (26" Barrel)	12 Gauge 2.75", 3", 3.5"	3.74 kg	4 Tubular	\$1010
A400 Xplor Xtreme (28" Barrel)	12 Gauge 2.75", 3", 3.5"	3.78 kg	4 Tubular	\$1020
A400 Xplor Xtreme (30" Barrel)	12 Gauge 2.75", 3", 3.5"	3.83 kg	4 Tubular	\$1031
A400 Xplor Action (24" Barrel)	12 Gauge 2.75", 3", 3.5"	3.73 kg	4 Tubular	\$996
A400 Xplor Action (26" Barrel)	12 Gauge 2.75", 3", 3.5"	4.18 kg	4 Tubular	\$1006
A400 Xplor Action (28" Barrel)	12 Gauge 2.75", 3", 3.5"	4.23 kg	4 Tubular	\$1016
A400 Xplor Action (30" Barrel)	12 Gauge 2.75", 3", 3.5"	4.29 kg	4 Tubular	\$1026

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
A400 Camo Unico (26", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	2	Nil	57
A400 Camo Unico (26", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	2	Nil	65
A400 Camo Unico (26", 3.5")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	7	3	Nil	71
A400 Camo Unico (28", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	2	Nil	62
A400 Camo Unico (28", 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	7	3	Nil	70
A400 Camo Unico (28", 3.5")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	7	3	Nil	77

A400 Camo Unico (30", 2.75")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	3	Nil	67
A400 Camo Unico (30", 3")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	3	Nil	76
A400 Camo Unico (30", 3.5")	SA	5/1d6x36 or 2d6x8 or 3d4x4	2-4-Nil/Nil or 1-Nil or 1-Nil	8	3	Nil	83
A400 Xplor Xtreme (30", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	2	Nil	57
A400 Xplor Xtreme (26", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	2	Nil	65
A400 Xplor Xtreme (26", 3.5")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	7	3	Nil	71
A400 Xplor Xtreme (28", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	2	Nil	62
A400 Xplor Xtreme (28", 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	7	3	Nil	70
A400 Xplor Xtreme (28", 3.5")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	7	3	Nil	77
A400 Xplor Xtreme (30", 2.75")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	3	Nil	67
A400 Xplor Xtreme (30", 3")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	3	Nil	76
A400 Xplor Xtreme (30", 3.5")	SA	5/1d6x36 or 2d6x8 or 3d4x4	2-4-Nil/Nil or 1-Nil or 1-Nil	8	3	Nil	83
A400 Xplor Action (24", 2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	2	Nil	52
A400 Xplor Action (24", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	2	Nil	59
A400 Xplor Action (24", 3.5")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	3	Nil	65
A400 Xplor Action (26", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	2	Nil	57
A400 Xplor Action (26", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	2	Nil	65
A400 Xplor Action (26", 3.5")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	7	3	Nil	71
A400 Xplor Action (28", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	2	Nil	62
A400 Xplor Action (28", 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	7	3	Nil	70
A400 Xplor Action (28", 3.5")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	7	3	Nil	77
A400 Xplor Action (30", 2.75")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	3	Nil	67
A400 Xplor Action (30", 3")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	3	Nil	76
A400 Xplor Action (30", 3.5")	SA	5/1d6x36 or 2d6x8 or 3d4x4	2-4-Nil/Nil or 1-Nil or 1-Nil	8	3	Nil	83

Beretta A391 Xtrema

Notes: This shotgun started as a special version of the AL391 series, designed to fire 3.5" magnum shells. There are several versions of the Xtrema, varying not only in barrel length, but also in the materials used in construction and the finish applied. The Xtrema Synthetic uses a polymer stock and forward grip reinforced with glass fiber; the Xtrema Camo Realtree Hardwoods has the stock finished with printed deciduous tree motifs on the synthetic stock; the Xtrema Camo Advantage Wetlands is printed with reeds and rushes; and the Xtrema Camo Advantage Timber is printed with motifs of an autumn woodland. They are all identical for game purposes. The Xtrema is a gas-operated semiautomatic shotgun.

Twilight 2000 Notes: This shotgun does not exist.

Weapon	Ammunition	Weight	Magazines	Price
A391 Xtrema (24" Barrel)	12 Gauge 3.5"	3.55 kg	5 Tubular	\$811

A391 Xtrema (26" Barrel)	12 Gauge 3.5"	3.57 kg	5 Tubular	\$821
A391 Xtrema (28" Barrel)	12 Gauge 3.5"	3.58 kg	5 Tubular	\$831
A391 Xtrema (30" Barrel)	12 Gauge 3.5"	3.6 kg	5 Tubular	\$842

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
A391 Xtrema (24")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	7	5	Nil	65
A391 Xtrema (26")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	71
A391 Xtrema (28")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	77
A391 Xtrema (30")	SA	5/1d6x36 or 2d6x8 or 3d6x4	2-4-Nil/Nil or 1-Nil or 1-Nil	8	5	Nil	83

Beretta AL391 Teknys

Notes: This variant of the A391/AL391 series was introduced in 2002. It is a simple autoloading shotgun, but one that incorporates some new technology, such as a gas pressure relief system that allows the gun to fire a wide variety of charge and load weights. If there is gas pressure in excess of what is required to operate the mechanism, it is blown out through a gas relief valve in the gas cylinder below the barrel. The Teknys is designed for 3" shells and comes in a standard or slug version. Stocks are of wood, and the receiver housing is of light alloy. They are normally equipped with interchangeable chokes but can be had with fixed chokes.

Twilight 2000 Notes: These shotguns do not exist.

Weapon	Ammunition	Weight	Magazines	Price
AL391 Teknys 12 (24" Barrel)	12 Gauge 3"	3 kg	3 Tubular	\$717
AL391 Teknys 12 (26" Barrel)	12 Gauge 3"	3.1 kg	3 Tubular	\$727
AL391 Teknys 12 (28" Barrel)	12 Gauge 3"	3.2 kg	3 Tubular	\$737
AL391 Teknys 12 (30" Barrel)	12 Gauge 3"	3.3 kg	3 Tubular	\$747
AL391 Teknys 20 (24" Barrel)	20 Gauge 3"	2.7 kg	3 Tubular	\$573
AL391 Teknys 20 (26" Barrel)	20 Gauge 3"	2.8 kg	3 Tubular	\$583
AL391 Teknys 20 (28" Barrel)	20 Gauge 3"	2.9 kg	3 Tubular	\$593
AL391 Teknys 20 (30" Barrel)	20 Gauge 3"	3 kg	3 Tubular	\$603
AL391 Teknys Slug 12 (22" Barrel)	12 Gauge 3"	2.8 kg	3 Tubular	\$707
AL391 Teknys Slug 12 (24" Barrel)	12 Gauge 3"	3 kg	3 Tubular	\$717
AL391 Teknys Slug 20 (22" Barrel)	20 Gauge 3"	2.6 kg	3 Tubular	\$562
AL391 Teknys Slug 29 (24" Barrel)	20 Gauge 3"	2.7 kg	3 Tubular	\$573

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
AL391 Teknys 12 (24")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	59
AL391 Teknys 12 (26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	65
AL391 Teknys 12 (28")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70
AL391 Teknys 12 (30")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	76
AL391 Teknys 20 (24")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	50
AL391 Teknys 20 (26")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	55
AL391 Teknys 20 (28")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	59
AL391 Teknys 20 (30")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	64
AL391 Teknys Slug 12 (22")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	54
AL391 Teknys Slug 12 (24")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	59
AL391 Teknys Slug 20 (22")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	46
AL391 Teknys Slug 20 (24")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	50

Beretta AL391 Ulrika

Notes: This shotgun is designed to be a field and working gun. There are many versions produced, both with synthetic and wooden stocks, but all are designed for 3" shells and have a thick recoil pad on the butt and recoil bolts in the stock to reduce recoil. The Ulrika Camo Hardwoods has a synthetic stock overprinted with a woodlands pattern and has a 24" barrel; the Ulrika Camo Waterfowl is similar, but has a longer barrel and is overprinted with a rush and reed pattern; The Ulrika Synthetic has a plain gray synthetic stock with several different barrel lengths; the Ulrika U has a walnut stock and foregrip and several different barrel lengths; The Ulrika U Gold is identical but has engraved gold-inlay ducks on the sides of the receiver; the Ulrika Sporting comes in 12 gauge and 20 gauge and has a walnut stock and fore-end; the Ulrika Target is similar, but has only 28-inch or 30-inch barrels and comes only in 12 gauge; and the Ulrika Trap has 30-inch or 32-inch barrels, but is otherwise similar. (The 32-inch barrel version is also known as the Ulrika Trap Optima.)

Twilight 2000 Notes: These shotguns do not exist.

Weapon	Ammunition	Weight	Magazines	Price
AL391 Ulrika Camo Hardwood	12 Gauge 3"	3.25 kg	3 Tubular	\$802

AL391 Ulrika Camo Waterfowl	12 Gauge 3"	3.3 kg	3 Tubular	\$822
AL391 Ulrika Synthetic (24" Barrel)	12 Gauge 3"	3.3 kg	3 Tubular	\$802
AL391 Ulrika Synthetic (26" Barrel)	12 Gauge 3"	3.37 kg	3 Tubular	\$812
AL391 Ulrika Synthetic (28" Barrel)	12 Gauge 3"	3.43 kg	3 Tubular	\$822
AL391 Ulrika Synthetic (30" Barrel)	12 Gauge 3"	3.5 kg	3 Tubular	\$832
AL391 Ulrika U (24" Barrel)	12 Gauge 3"	3.42 kg	3 Tubular	\$792
AL391 Ulrika U (26" Barrel)	12 Gauge 3"	3.49 kg	3 Tubular	\$802
AL391 Ulrika U (28" Barrel)	12 Gauge 3"	3.55 kg	3 Tubular	\$812
AL391 Ulrika U (30" Barrel)	12 Gauge 3"	3.63 kg	3 Tubular	\$822
AL391 Ulrika Sporting (28" Barrel)	12 Gauge 3"	3.3 kg	3 Tubular	\$812
AL391 Ulrika Sporting (30" Barrel)	12 Gauge 3"	3.5 kg	3 Tubular	\$822
AL391 Ulrika Sporting (28" Barrel)	20 Gauge 3"	2.6 kg	3 Tubular	\$668
AL391 Ulrika Sporting (30" Barrel)	20 Gauge 3"	2.7 kg	3 Tubular	\$678
AL391 Ulrika Target (28" Barrel)	12 Gauge 3"	3.45 kg	3 Tubular	\$812
AL391 Ulrika Target (30" Barrel)	12 Gauge 3"	3.49 kg	3 Tubular	\$822
AL391 Ulrika Trap (30" Barrel)	12 Gauge 3"	3.5 kg	3 Tubular	\$822
AL391 Ulrika Trap (32" Barrel)	12 Gauge 3"	3.54 kg	3 Tubular	\$832

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
AL391 Ulrika Camo Hardwood	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	59
AL391 Ulrika Camo Waterfowl	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	70
AL391 Ulrika Synthetic (24")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	59
AL391 Ulrika Synthetic (26")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	7	3	Nil	65
AL391 Ulrika Synthetic (28")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	70
AL391 Ulrika Synthetic (30")	SA	5/1d6x36 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	76
AL391 Ulrika U (24")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	59
AL391 Ulrika U (26")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	7	3	Nil	65
AL391 Ulrika U (28")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	70
AL391 Ulrika U (30")	SA	5/1d6x36 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	76
AL391 Ulrika Sporting (12 GA, 28")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	70
AL391 Ulrika Sporting (12 GA, 30")	SA	5/1d6x36 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	76
AL391 Ulrika Sporting (20 GA, 28")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	3	Nil	59
AL391 Ulrika Sporting (20 GA, 30")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	64
AL391 Ulrika Target (28")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	70
AL391 Ulrika Target (30")	SA	5/1d6x36 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	76
AL391 Ulrika Trap (30")	SA	5/1d6x36 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	76
AL391 Ulrika Trap (32")	SA	5/1d6x36 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	82

Beretta ES100

Notes: This semiautomatic shotgun was introduced in 1999. It uses recoil operation and uses the older falling block locking of Beretta's 1200 models. The standard gun has a walnut stock and fore-end; the Slug model has either a walnut or plastic stock and fore-end. The Camo Hardwoods and Camo Wetlands models have overprinting and synthetic stocks and fore-ends. The standard gun has barrels of 24, 26 or 28-inch barrels; the Slug version has a 24-inch barrel; and the Camo versions have 28 or 30-inch barrels. These shotguns have sighting ribs, except for the Slug gun, which has rifle-type sights.

Twilight 2000 Notes: These shotguns do not exist.

Weapon	Ammunition	Weight	Magazines	Price
ES100 (24" Barrel)	12 Gauge 3"	3.25 kg	6 Tubular	\$643
ES100 (26" Barrel)	12 Gauge 3"	3.29 kg	6 Tubular	\$653
ES100 (28" Barrel)	12 Gauge 3"	3.33 kg	6 Tubular	\$663
ES100 Slug	12 Gauge 3"	3.55 kg	6 Tubular	\$653
ES100 Camo (28" Barrel)	12 Gauge 3"	3.25 kg	6 Tubular	\$673
ES100 Camo (30" Barrel)	12 Gauge 3"	3.33 kg	6 Tubular	\$

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
ES100 (24")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	59
ES100 (26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	5	Nil	65
ES100 (28")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	70
ES100 Slug	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	59

ES100 Camo (28")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	70
ES100 Camo (30")	SA	5/1d6x30 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	76

Beretta RS-202 M3P

Notes: This weapon is based on a conventional Beretta shotgun design, the RS-200, but has been built up into a thoroughly militarized weapon. The RS-202 M3P has a folding stock, is fed from a box magazine, can mount most NATO-compatible night vision and telescopic sights, and is equipped with a perforated metal barrel shroud to prevent burns and aid cooling in sustained fire. It has a variable choke device and can fire in both pump-action and semiautomatic modes. The RS-202 M3P was meant to compete directly with the SPAS-12 and SPAS-15, but did not gain as much acceptance. It is used mainly by some European police departments.

Weapon	Ammunition	Weight	Magazines	Price
RS-202 M3P	12 Gauge 2 3/4"	3.4 kg	6	\$611

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
RS-202 M3P	PA/SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5/6	4	Nil	44

Beretta Tx-4 Storm

Notes: Sort of a companion piece to the Cx-4 carbine and Px-4 pistol, the Tx-4 Storm is the shotgun component of that set. The Tx-4 is designed for home defense, military, and police use, with an 18-inch barrel and able to fire both standard and magnum shells, as well as almost any ammunition type. The Tx-4 is quick to cock, with a paddle-type cocking lever, and has a short length of MIL-STD-1913 rail above the receiver. The receiver is of light yet strong alloy, while stock and fore-end is of polymer. The pistol grip wrist of the stock is checkered with cushioned overlays, as is the bottom of the fore-end. The stock has a rubber recoil pad, as well as spacers to change the length of pull as much as 15mm. The Tx-4 comes with a removable, adjustable rifle-type ghost ring sight (attached to the MIL-STD-1913 rail), and the front, near the end of the barrel, has a blade-type front sight with ears, on a raised pair of posts. The action is gas-operated. The safety is in the slightly-oversized trigger guard and is a crossbolt safety. The standard choke is Full, though the Tx-4 can take any of Beretta's line of Optima-Choke HP line of flush chokes. Unlike most shotguns, the barrel is chrome-lined, but the chrome is tough enough to work with steel shot and help reduce barrel wear because of it.

Weapon	Ammunition	Weight	Magazines	Price
Tx-4 Storm	12 Gauge 2.75" and 3"	2.9 kg	5 Tubular (4 Tubular with 3" Shells)	\$696

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Tx-4 Storm (2.75")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	38
Tx-4 Storm (3")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	43

Bernardelli Mega

Notes: This shotgun is actually produced for Bernardelli by the Turkish gunmaker Sarsilmaz, but sold only under the Bernardelli name. (Bernardelli stopped production of its last semiautomatic shotgun, the Vincent, some time ago.) The Mega is a gas-operated magnum shotgun with excellent workmanship. The Mega has a catch that can be thrown to stop feed from the tubular magazine; this allows the shooter to manually load rounds into the breech if, for example, a different type of load is desired for a short period. The receiver housing is made from a light alloy known as Ergal; the stock is of Turkish walnut.

Twilight 2000 Notes: Turkey stopped production for Bernardelli in 1996, but continued production for its own population.

Weapon	Ammunition	Weight	Magazines	Price
Mega (24" Barrel)	12 Gauge 3"	3.08 kg	5 Tubular	\$643
Mega (26" Barrel)	12 Gauge 3"	3.12 kg	5 Tubular	\$653
Mega (28" Barrel)	12 Gauge 3"	3.16 kg	5 Tubular	\$663

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Mega (24")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	59
Mega (26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	5	Nil	65
Mega (28")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	70

Bernardelli Vincent

Notes: Produced until the early 2000's, the Vincent is a semiautomatic shotgun designed for 12 gauge magnum shells. It is gas-operated, with a rather smallish tubular magazine. The Vincent has a safety button that locks the trigger and mechanism. The barrel has a sighting rib and uses interchangeable chokes. The standard Vincent has a blued receiver housing, but the Vincent Deluxe has a nickel-plated receiver with engraving.

Weapon	Ammunition	Weight	Magazines	Price
Vincent (21.5" Barrel)	12 Gauge 3"	3.1 kg	3 Tubular	\$625
Vincent (22.5" Barrel)	12 Gauge 3"	3.15 kg	3 Tubular	\$630
Vincent (23.5" Barrel)	12 Gauge 3"	3.2 kg	3 Tubular	\$635
Vincent (24.5" Barrel)	12 Gauge 3"	3.25 kg	3 Tubular	\$640
Vincent (25.5" Barrel)	12 Gauge 3"	3.3 kg	3 Tubular	\$645
Vincent (26.5" Barrel)	12 Gauge 3"	3.35 kg	3 Tubular	\$650
Vincent (27.5" Barrel)	12 Gauge 3"	3.4 kg	3 Tubular	\$655
Vincent (28.5" Barrel)	12 Gauge 3"	3.45 kg	3 Tubular	\$660
Vincent (29.5" Barrel)	12 Gauge 3"	3.5 kg	3 Tubular	\$666

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range

Vincent (21.5")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	53
Vincent (22.5")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	55
Vincent (23.5")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	58
Vincent (24.5")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	61
Vincent (25.5")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	5	Nil	63
Vincent (26.5")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	66
Vincent (27.5")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	69
Vincent (28.5")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	72
Vincent (29.5")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	74

Breda Antares

Notes: The Antares is a semiautomatic magnum shotgun designed for 12 gauge ammunition. The weapon is designed for hard use and is resistant to wear, with a nickel-chrome-molybdenum steel receiver and chrome-vanadium steel barrel. The inside of the barrel and chamber are coated with hardened chrome. The mechanism is made from chrome-vanadium steel, hardened, and then coated with hardened chrome. The stock and front grip are of select walnut. The Antares may have a 24.625-inch barrel with interchangeable chokes, or a 25.625-inch or 27.625-inch barrel with a fixed choke of the customer's choice. The barrels have a sighting rib above the barrel. The feed from the tubular magazine may be stopped with a switch, allowing for manual feed of the chamber for special loads or adding that one extra round in the chamber.

Weapon	Ammunition	Weight	Magazines	Price
Antares (24.625" Barrel)	12 Gauge 3"	3.08 kg	4 Tubular	\$641
Antares (25.625" Barrel)	12 Gauge 3"	3.11 kg	4 Tubular	\$646
Antares (27.625" Barrel)	12 Gauge 3"	3.18 kg	4 Tubular	\$656

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Antares (24.625")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	61
Antares (25.625")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	5	Nil	64
Antares (27.625")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	69

Breda Astro

Notes: The Astro is a semiautomatic shotgun firing 12 Gauge or 20 gauge magnum shells. It has the typical Breda quality of workmanship and toughness, with the receiver, mechanism, and barrel largely made of chrome-molybdenum steel, most of which is hard-chromed in all the important areas. The stock and fore-end are of walnut. The Astro has a chamber-loaded indicator, and the feed from the tubular magazine may be interrupted with a switch and rounds fed manually into the chamber. The 12-gauge Astro has barrels with internal or external interchangeable chokes, with a slug barrel and several lengths of shot barrels. The 12-gauge version also comes in fixed choke versions, with two possible barrel lengths. The 20-gauge Astro comes in only one barrel length, with an interchangeable choke set or a fixed choke of the customer's choice. Both have a thick recoil pad on the butt.

Weapon	Ammunition	Weight	Magazines	Price
Astro (24" Slug Barrel)	12 Gauge 3"	2.96 kg	4 Tubular	\$713
Astro (24.625" Barrel)	12 Gauge 3"	2.97 kg	4 Tubular	\$716
Astro (25.625" Barrel)	12 Gauge 3"	2.98 kg	4 Tubular	\$721
Astro (26" Barrel)	12 Gauge 3"	3 kg	4 Tubular	\$723
Astro (27.625" Barrel)	12 Gauge 3"	3.02 kg	4 Tubular	\$731
Astro (25.625" Barrel)	20 Gauge 3"	2.72 kg	4 Tubular	\$578

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Astro (24", 12 GA)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	59
Astro (24.625", 12 GA)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	61

Astro (25.625", 12 GA)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	64
Astro (26", 12 GA)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	65
Astro (27.625", 12 GA)	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	69
Astro (25.625", 20 GA)	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	54

Breda Ermes

Notes: Like most Breda shotguns, this is a recoil-operated semiautomatic shotgun designed for magnum shells. The receiver housing is built from light alloy, but the rest of the metal parts are made from chrome-molybdenum steel, including the cover for the receiver housing. The barrels are interchangeable, and those barrels may have fixed or interchangeable chokes. The barrels have a ventilated sighting rib on top. Interchangeable choke barrels may have lengths of 24, 25.625, 26, or 27.625 inches; fixed choke versions may have barrels of 25.625 or 27.625 inches. There are several models of the Ermes (Ermes 2000, Ermes 2000L, Ermes Silver, Ermes Gold), but they differ primarily in the adornment and finish of the weapon and have no effect in game terms.

Weapon	Ammunition	Weight	Magazines	Price
Ermes (24" Barrel)	12 Gauge 3"	3.47 kg	4 Tubular	\$642
Ermes (25.625" Barrel)	12 Gauge 3"	3.5 kg	4 Tubular	\$650
Ermes (26" Barrel)	12 Gauge 3"	3.52 kg	4 Tubular	\$652
Ermes (27.625" Barrel)	12 Gauge 3"	3.55 kg	4 Tubular	\$660

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Ermes (24")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	59
Ermes (25.625")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	5	Nil	64
Ermes (26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	5	Nil	65
Ermes (27.625")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	69

Breda Grizzly Mag

Notes: This is a semiautomatic magnum shotgun capable of firing virtually any sort of 12 gauge shotgun shell ranging from 2.75-inch to 3.5-inch shells, and a wide variety of shot types, slugs, or sabots. The Grizzly is built using the latest technology, and has a receiver which is almost petite, as well as a synthetic stock with a recoil pad on the butt and an inertia recoil system which does a good job of dampening recoil. Stocks are black or finished with a camouflage finish called Advantage Timber HD (and known in this guise as the Grizzly Mag Camo). As with most hunting weapons, the magazine capacity is small, especially with 3.5-inch shells. The shotgun comes with five interchangeable choke tubes: Improved Cylinder, Modified, Full, Skeet, and Improved Modified. The Grizzly Mag is regarded as an unusually reliable and steady shotgun.

Twilight 2000 Notes: The Grizzly Mag does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Grizzly Mag	12 Gauge 2.75", 3", and 3.5"	3.4 kg	4 (2.75"), 3 (3", 3.5"); Tubular	\$826

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range

Grizzly Mag (2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	3	Nil	62
Grizzly Mag (3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	70
Grizzly Mag (3.5")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	77

Breda Mira

Notes: This is one of Breda's newest shotguns. It is a semiautomatic shotgun, operated by gas instead of the normal Breda recoil operation. The mechanism housing is made from a light alloy (though the top of the receiver is made from steel). The top of the receiver is grooved for a telescopic sight. The trigger guard is made from plastic. The barrel has a ventilated sighting rib on top, and the barrels are also interchangeable. The barrels are also equipped with interchangeable chokes. There are two versions of the Mira with synthetic stocks and fore-ends: the Mira Synthetic and Mira Camo (which has an overprinted woodland camouflage pattern). The standard model has a walnut stock and fore-end. Both weigh the same (quite light in weight).

Twilight 2000 Notes: This shotgun does not exist.

Weapon	Ammunition	Weight	Magazines	Price
Mira (24" Barrel)	12 Gauge 3"	3.07 kg	4 Tubular	\$727
Mira (26" Barrel)	12 Gauge 3"	3.11 kg	4 Tubular	\$737
Mira (28" Barrel)	12 Gauge 3"	3.15 kg	4 Tubular	\$747
Mira (29.5" Barrel)	12 Gauge 3"	3.18 kg	4 Tubular	\$755

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Mira (24")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	59
Mira (26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	65
Mira (28")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70
Mira (29.5")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	74

Caesar Roman MMI

Notes: The Roman MMI (MMI being the Roman numerals for 2001, the year of the Roman MMI's introduction) is a semiautomatic shotgun designed for hunting. It is recoil-operated, and chambers only 3-inch shells. Like most Caesar Guerini shotguns, the available barrel lengths are 24, 26, and 28 inches, and those barrels are made from chrome-molybdenum steel with bores lined with hard chrome. They can be bought with a fixed choke of the buyer's wishes or with Selecta interchangeable chokes. External interchangeable chokes are also available; these increase the barrel length by 4 inches and allow for longer-range shots, as well as easier choke replacement and additions. The barrel also has a ventilated barrel rib. The stock and the fore-end are made from walnut. A deluxe version of the Roman MMI is also made, called the Gladius; this is identical to the Roman MMI for game terms. The Roman MMI has a push button to interrupt the magazine feed to allow shells to be loaded manually or to empty the chamber when safing it.

Twilight 2000 Notes: This shotgun does not exist.

Weapon	Ammunition	Weight	Magazines	Price
Roman MMI (24" Barrel)	12 Gauge 3"	2.9 kg	5 Tubular	\$638
Roman MMI (26" Barrel)	12 Gauge 3"	2.98 kg	5 Tubular	\$649
Roman MMI (28" Barrel)	12 Gauge 3"	3.05 kg	5 Tubular	\$659

Roman MMI (24" Barrel, External Choke)	12 Gauge 3"	3.05 kg	5 Tubular	\$659
Roman MMI (26" Barrel, External Choke)	12 Gauge 3"	3.08 kg	5 Tubular	\$669
Roman MMI (28" Barrel, External Choke)	12 Gauge 3"	3.11 kg	5 Tubular	\$679

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Roman MMI (24")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	59
Roman MMI (26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	5	Nil	65
Roman MMI (28")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	70
Roman MMI (24", Ext Choke)	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	70
Roman MMI (26", Ext Choke)	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	76
Roman MMI (28", Ext Choke)	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	9	6	Nil	82

FABARM Fast 20 & Fast 14

Notes: The Fast 20 is a gas-operated shotgun which, like some other Italian semiautomatic shotguns, does not allow the user to charge the weapon by simply operating the bolt; an additional step must be performed. This does, however, allow the user to load rounds that are not used as often, such as shotgun flares, flame rounds, etc., without unloading the shotgun. The typical model has a synthetic stock, but the design allows for the use of a folding stock and pistol grip since there are no operating components in the stock. The cocking handle and safety are both oversized. The top of the receiver features a MIL-STD-1913 rail. The FABARM Fast also has a magazine empty indicator. The Fast 20 has a 20-inch barrel; the Fast 14 has a 14-inch barrel.

Weapon	Ammunition	Weight	Magazines	Price
Fast 20 (Fixed Stock)	12 Gauge 3"	3 kg	7 Tubular	\$708
Fast 20 (Folding Stock)	12 Gauge 3"	2.8 kg	7 Tubular	\$653
Fast 14 (Fixed Stock)	12 Gauge 3"	2.87 kg	5 Tubular	\$677
Fast 14 (Folding Stock)	12 Gauge 3"	2.43 kg	5 Tubular	\$622

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Fast 20 (Fixed Stock)	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	49
Fast 20 (Folding Stock)	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5/6	5	Nil	49
Fast 14 (Fixed Stock)	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	4	Nil	30
Fast 14 (Folding Stock)	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	4/5	5	Nil	30

FABARM SAT-8

Notes: The SAT-8 was designed specifically for police SRT-type teams, for use in quick entries and CQB. The barrel seems to be a bit long at 20 inches, but the semi-bullpup design coupled with an underbarrel tubular magazine helps keep overall length shorter than one might expect, while making better use of the wide variety of shells the SAT-8 may use (the SAT-8 may use any sort of 2.75" shell except for riot-type or rubber-pellet ammunition). Construction is of light alloy and synthetics wherever possible, and steel operating parts and barrel. The receiver is topped with a MIL-STD-1913 rail; an adjustable ghost ring rear and a protected post front sight are also available. The fore-end also has a MIL-STD-1913 rail for further accessory mounting. The SAT-8's charging handle is oversized so that the shooter can easily grip it even when wearing heavy gloves. The SAT-8 uses an operating system called by FABARM "Pulse Gas Operation;" this not only cycles the shotgun, it helps reduce felt recoil (but is the primary reason that riot-type and rubber ammunition will not work in the SAT-8). An optional accessory is a stand-off device for the muzzle; this device not only makes blowing the hinges and locks off of doors easier, but acts as a low-efficiency muzzle brake.

Weapon	Ammunition	Weight	Magazines	Price
SAT-8	12 Gauge 2.75"	2.95 kg	5 Tubular	\$665
SAT-8 w/Brake	12 Gauge 2.75"	3.02 kg	5 Tubular	\$716

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
SAT-8	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	43
SAT-8 w/Brake	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	3	Nil	43

Fausti Progress

Notes: This is one of the few semiautomatic designs that Fausti has ever made, and the only one still being marketed. It is a gas-operated magnum shotgun designed for 12 gauge, and is fairly light in weight for a shotgun of its type. This is primarily due to the design of the receiver, which uses light Ergal-55 alloy in its housing to lighten the weapon. The barrel is designed to use only interchangeable chokes (whether internal or external), and is not sold in a fixed-choke version. The top of the barrel has a ventilated sighting rib. The stock and fore-end are of walnut of average quality, with the stock being of the pistol grip-wrist type.

Weapon	Ammunition	Weight	Magazines	Price
Progress	12 Gauge 3"	3.2 kg	4 Tubular	\$663

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Progress	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	70

Franchi 48AL

Notes: This shotgun first appeared in 1948, and has been continually upgraded since, with new types of wood, new metal technology, and new production methods. In its present form it is a recoil-operated semiautomatic shotgun with receiver housing of light alloy, and is to a large extent based on the Browning Auto-5 design. The type of recoil mechanism used means that while the Model 48AL will work quite well with standard shotgun shell types and loads, light loads or unusual projectiles can easily jam the mechanism; basically, any type of shell which causes low recoil energy can cause a hard jam. The 48AL (also known as the 48/AL) is unusual in that the magnum versions are separate from the versions chambered for standard-length shells. Extended magazines are available with capacities of up to 9 rounds (as well as plugged magazines with capacities as low as two rounds), but the standard

magazine size is shown below.

The standard Model 48AL has a matte black finish to the receiver housing, and blued barrel; a version known as the Model 48AL Black Magic has a glossy black finish for the receiver housing and a matte-black-finished barrel (but is identical to the base model for game purposes). Another, finer version, the Black Magic Hunter, is the same as the Black Magic, but has engraved hunting scenes on the sides of the receiver housing, inlaid with gold (and is also identical to base model for game purposes). The barrels of all are made from chrome-moly steel, internally hard-chromed.

Earlier versions of the 12 gauge version of the Model 48AL were equipped with either fixed chokes of the buyer's choice or interchangeable chokes of the Franchok or Variomix types; however, since 1995, the 12 gauge Model 48AL has been sold with Inchok interchangeable chokes. The type of alloy used in the receiver housing has also been changed, lightening the weapon. The 20 and 28 gauge models have also been equipped with the same chokes (both past and present), but the 28 gauge model is available in one barrel length, while several are available for the 20 gauge version.

There is two further versions of the Model 48AL which bear mentioning. The top-of-line Model 48 Fenice has a stock and fore-end made from select European walnut root, and the receiver housing is made from silver-finished light alloy, with engraved bird scenes inlaid with gold; it comes only with a 2.75" chamber and only with a 26-inch barrel. The Model 48AL Slug Gun is designed only for 12 gauge 2.75" shells, and has a 24-inch barrel and rifle-type sights. (Other versions of the Model 48AL have a sighting rib.) The Slug Gun is identical to the 24-inch-barrel 12 gauge version for game purposes.

The 48AL (and Franchi shotguns in general) were for a long time sold in North America by Stoeger and later by FIE, but are now sold by Heckler & Koch in North America (though still under the Franchi name).

Twilight 2000 Notes: The 1995+ versions were produced only in a very short run, making them quite rare; Franchi turned its production almost exclusively to military and police production after this point. The Fenice version was never produced.

Weapon	Ammunition	Weight	Magazines	Price
Franchi 48AL (24" Barrel, pre-1995)	12 Gauge 2.75"	2.9 kg	4 Tubular	\$606
Franchi 48AL (26" Barrel, pre-1995)	12 Gauge 2.75"	2.93 kg	4 Tubular	\$616
Franchi 48AL (28" Barrel, pre-1995)	12 Gauge 2.75"	2.99 kg	4 Tubular	\$626
Franchi 48AL (30" Barrel, pre-1995)	12 Gauge 2.75"	3.01 kg	4 Tubular	\$636
Franchi 48AL (24" Barrel, pre-1995)	12 Gauge 3"	2.97 kg	4 Tubular	\$647
Franchi 48AL (26" Barrel, pre-1995)	12 Gauge 3"	3 kg	4 Tubular	\$657
Franchi 48AL (28" Barrel, pre-1995)	12 Gauge 3"	3.06 kg	4 Tubular	\$668
Franchi 48AL (30" Barrel, pre-1995)	12 Gauge 3"	3.1 kg	4 Tubular	\$678
Franchi 48AL (24" Barrel, 1995+)	12 Gauge 2.75"	2.6 kg	4 Tubular	\$601
Franchi 48AL (26" Barrel, 1995+)	12 Gauge 2.75"	2.63 kg	4 Tubular	\$611
Franchi 48AL (28" Barrel, 1995+)	12 Gauge 2.75"	2.67 kg	4 Tubular	\$621
Franchi 48AL (30" Barrel, 1995+)	12 Gauge 2.75"	2.7 kg	4 Tubular	\$632
Franchi 48AL (24" Barrel, 1995+)	12 Gauge 3"	2.67 kg	4 Tubular	\$642
Franchi 48AL (26" Barrel, 1995+)	12 Gauge 3"	2.7 kg	4 Tubular	\$652
Franchi 48AL (28" Barrel, 1995+)	12 Gauge 3"	2.75 kg	4 Tubular	\$663
Franchi 48AL (30" Barrel, 1995+)	12 Gauge 3"	2.79 kg	4 Tubular	\$673
Franchi 48AL (23.625" Barrel)	20 Gauge 2.75"	2.54 kg	4 Tubular	\$471
Franchi 48AL (26" Barrel)	20 Gauge 2.75"	2.59 kg	4 Tubular	\$483
Franchi 48AL (28" Barrel)	20 Gauge 2.75"	2.69 kg	4 Tubular	\$494
Franchi 48AL (23.625" Barrel)	20 Gauge 3"	2.6 kg	4 Tubular	\$501
Franchi 48AL (26" Barrel)	20 Gauge 3"	2.65 kg	4 Tubular	\$513
Franchi 48AL (28" Barrel)	20 Gauge 3"	2.7 kg	4 Tubular	\$523
Franchi 48AL (26" Barrel)	28 Gauge 2.75"	2.5 kg	4 Tubular	\$418
Franchi 48AL Fenice	12 Gauge 2.75"	2.63 kg	4 Tubular	\$616
Franchi 48AL Fenice	20 Gauge 2.75"	2.61 kg	4 Tubular	\$483
Franchi 48AL Fenice	28 Gauge 2.75"	2.5 kg	4 Tubular	\$418

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
48AL (24", 12 GA, 2.75", pre-1995)	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	52
48AL (26", 12 GA, 2.75", pre-1995)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	57
48AL (28", 12 GA, 2.75", pre-1995)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
48AL (30", 12 GA, 2.75", pre-1995)	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	67
48AL (24", 12 GA, 3", pre-1995)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	59
48AL (26", 12 GA, 3", pre-1995)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	65
48AL (28", 12 GA, 3", pre-1995)	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	70
48AL (30", 12 GA, 3", pre-1995)	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	76
48AL (24", 12 GA, 2.75", 1995+)	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	52
48AL (26", 12 GA, 2.75", 1995+)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	57

48AL (28", 12 GA, 2.75", 1995+)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
48AL (30", 12 GA, 2.75", 1995+)	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	67
48AL (24", 12 GA, 3", 1995+)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	59
48AL (26", 12 GA, 3", 1995+)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	5	Nil	65
48AL (28", 12 GA, 3", 1995+)	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	70
48AL (30", 12 GA, 3", 1995+)	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	76
48AL (23.625", 20 GA, 2.75")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	43
48AL (26", 20 GA, 2.75")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	48
48AL (28", 20 GA, 2.75")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	52
48AL (23.625", 20 GA, 3")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	49
48AL (26", 20 GA, 3")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	55
48AL (28", 20 GA, 3")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	59
48AL (26", 28 GA)	SA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	7	5	Nil	43
48AL Fenice (12 GA)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	57
48AL Fenice (20 GA)	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	48
48AL Fenice (28 GA)	SA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	7	5	Nil	43

Franchi 610VS

Notes: The Model 610VS (Variopress) is a semiautomatic hunting shotgun which incorporates a recoil piston that reduces recoil when firing heavy loads. It is a good-looking, yet also functional shotgun, with good workmanship. The bolt is quite beefy to handle the magnum shells that it fires and remain reliable. The barrel is cold-forged and chrome-lined, with a full-length ventilated sighting rib. The Model 610VS uses screw-in Franchoke interchangeable choke tubes (Improved Cylinder, Modified, and Full). The receiver is made from light alloy and finished in matte black, while the barrel is blued, and hard chromed inside. The Model 610VS is gas-operated, and button in front of the trigger guard allows the feed from the magazine to be stopped and the weapon hand-loaded. The stock is made from European walnut and has a rubber recoil pad on the butt. It has a pistol-grip wrist and is finished in semi-gloss. There are two variants, which are identical to the standard version for game purposes. The Model 610VSL has an engraved receiver housing; the more deluxe VGSL has a silver-colored receiver housing with intricate and extensive engraving, inlaid with gold.

Weapon	Ammunition	Weight	Magazines	Price
Franchi 610VS (24" Barrel)	12 Gauge 3"	3.1 kg	4 Tubular	\$642
Franchi 610VS (26" Barrel)	12 Gauge 3"	3.13 kg	4 Tubular	\$652
Franchi 610VS (28" Barrel)	12 Gauge 3"	3.17 kg	4 Tubular	\$663
Franchi 610VS (30" Barrel)	12 Gauge 3"	3.2 kg	4 Tubular	\$673

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Franchi 610VS (24")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	59
Franchi 610VS (26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	5	Nil	65
Franchi 610VS (28")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	70
Franchi 610VS (30")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	76

Franchi 612VS

Notes: This shotgun is similar to the Model 610VS, in that it is also equipped with the Variopress system, has similar gas operation, and is constructed in a similar manner and of the same materials. The Model 612, however, is equipped with either fixed chokes of the customer's choice, or supplied with Inchok interchangeable chokes. Built with slightly more advanced materials, the Model 612VS is slightly lighter than the 610VS, though has the same barrel lengths. The drop and length of the stock may be changed with a set of spacers supplied with the Model 612VS. There are other versions of the Model 612VS (identical for game purposes); the Model 610VSL has an engraved receiver housing, the VGSL has a silver-colored receiver housing with gold-inlaid engraving, a version of the Model 612VS with a matte black receiver housing, and the Model 612VS Grifone with a bare metal receiver housing which is engraved and inlaid with gold.

Twilight 2000 Notes: The Model 612VS with the matte black receiver housing and the Model 612VS Grifone do not exist.

Weapon	Ammunition	Weight	Magazines	Price
Franchi 612VS (24" Barrel)	12 Gauge 3"	2.95 kg	4 Tubular	\$642
Franchi 612VS (26" Barrel)	12 Gauge 3"	2.97 kg	4 Tubular	\$652
Franchi 612VS (28" Barrel)	12 Gauge 3"	2.98 kg	4 Tubular	\$663
Franchi 612VS (30" Barrel)	12 Gauge 3"	3 kg	4 Tubular	\$673

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Franchi 612VS (24")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	59
Franchi 612VS (26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	5	Nil	65

Franchi 612VS (28")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	70
Franchi 612VS (30")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	76

Franchi 620VS

Notes: This is basically the Model 612VS adapted to fire 20 gauge ammunition. Though it has the nomenclature "VS," it does not use the Variopress system – instead, it uses the Reverpress system, where the gas piston can be reversed for firing heavier shot loads or special ammunition which produces more recoil than normal. This makes the Model 620VS lighter, and not simply because the gun is of a smaller gauge – the Reverpress system is simpler and lighter. The barrels are made for Inchok interchangeable chokes. There is a deluxe model, the Model 620VS Grifone, with a silver-colored receiver housing with intricate engraving inlaid with gold. It is identical to the standard model for game purposes.

Twilight 2000 Notes: The Model 620VS does not exist.

Weapon	Ammunition	Weight	Magazines	Price
Franchi 620VS (24" Barrel)	20 Gauge 3"	2.7 kg	4 Tubular	\$498
Franchi 620VS (26" Barrel)	20 Gauge 3"	2.75 kg	4 Tubular	\$508
Franchi 620VS (28" Barrel)	20 Gauge 3"	2.8 kg	4 Tubular	\$518

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Franchi 620VS (24")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	50
Franchi 620VS (26")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	55
Franchi 620VS (28")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	59

Franchi 712VS

Notes: This shotgun may be considered a development of the Model 612VS; in fact, the differences between the Models 612VS and 712VS are so small that the Model 712VS is more an incremental update of the Model 612VS instead of a redesign. Externally, the most obvious difference is the more streamlined receiver housing; another is a slightly wider sighting rib. Some versions of the Model 712VS are also sold with an interchangeable slug barrel; this is not rifled, but has rifle-style sights instead of a sighting rib, and is only 24 inches long. There are a number of variants of the Model 712VS, mostly different in their weight or fanciness. The Model 712VS Camo Timber has a wooden stock finished with a camouflage pattern of autumn leaves; the receiver housing and barrel are finished with the same pattern. (It is known in North America as the Model 712 Advantage Timber.) It is equipped with Inchok interchangeable chokes, and has no slug barrel. The Model 712VS Grifone is the deluxe version; there are actually two versions of the Grifone, the Grifone White, with a silver-colored receiver housing, and Grifone Black, with a matte black receiver housing. Both are engraved with birds which are inlaid with Gold. The Grifone may have fixed chokes of the customer's choice or Inchok interchangeable chokes. The Model 712VS Synthetic has a matte black synthetic stock and fore-end; this has no effect on the weight of the weapon. The Synthetic has Inchok interchangeable chokes. The Model 712VS Syntwood is a variant of the Synthetic in which the synthetic stock is finished with a simulated wood grain. The Model 712VS Wood is sort of a base model; it has a walnut stock and fore-end, a matte black receiver housing and blued barrel, and is actually somewhat lighter than the other models. The Model 712 Light is a version of the Model 712 which has no "VS" in its designation because it uses the Reverpress reversible piston system instead of the Variopress system. It does not have a version with a 30-inch barrel, and weights about the same as the Model 712VS Wood. Most of these versions are identical for game purposes and have no separate entry on the tables below; the exception is the Model 712VS Wood, which has a somewhat different weight, and the Synthetic, which has a somewhat different cost. (The Syntwood has the same cost as the Synthetic.)

Twilight 2000 Notes: This shotgun does not exist.

Weapon	Ammunition	Weight	Magazines	Price
Franchi 712VS (24" Barrel)	12 Gauge 3"	2.9 kg	4 Tubular	\$642
Franchi 712VS (26" Barrel)	12 Gauge 3"	2.93 kg	4 Tubular	\$652
Franchi 712VS (28" Barrel)	12 Gauge 3"	2.97 kg	4 Tubular	\$663
Franchi 712VS (30" Barrel)	12 Gauge 3"	3 kg	4 Tubular	\$673
Franchi 712VS Synthetic (24" Barrel)	12 Gauge 3"	2.9 kg	4 Tubular	\$652
Franchi 712VS Synthetic (26" Barrel)	12 Gauge 3"	2.93 kg	4 Tubular	\$662
Franchi 712VS Synthetic (28" Barrel)	12 Gauge 3"	2.97 kg	4 Tubular	\$673
Franchi 712VS Synthetic (30" Barrel)	12 Gauge 3"	3 kg	4 Tubular	\$683
Franchi 712VS Wood (24" Barrel)	12 Gauge 3"	2.85 kg	4 Tubular	\$642
Franchi 712VS Wood (26" Barrel)	12 Gauge 3"	2.9 kg	4 Tubular	\$652
Franchi 712VS Wood (28" Barrel)	12 Gauge 3"	2.95 kg	4 Tubular	\$663

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Franchi 712 VS (24", All)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	59
Franchi 712 VS (26", All)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	5	Nil	65
Franchi 712 VS (28", All)	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	70

Franchi 712 VS (30", All)	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	76
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Franchi 720

Notes: Though the name might seem to indicate that this is simply a 20 gauge version of the Model 712VS (just as the Model 620VS is a 20 gauge version of the Model 612VS), the Model 720 is in fact based on the Model 620VS, and was developed specifically to be a 20 gauge shotgun. Like the Model 620VS, the Model 720 uses the Reverpress system, where the gas piston is placed in the weapon one way for light or standard loads, and reversed for heavier loads and certain special cartridges. Like the Model 712VS, the receiver housing is more streamlined than the Model 620VS, but is still constructed of light alloy, and has a chrome-moly steel barrel equipped with Inchok interchangeable chokes and a sighting rib. There are three versions: The Model 720 Wood, a sort of base model with a walnut stock and matte black receiver housing; the Model 720 Grifone Black, with a matte black receiver housing that is intricately engraved and gold inlaid, and a better-quality walnut stock and fore-end; and the Model 720 Grifone White, which is the same as the Grifone Black, but has a receiver housing of silver-finished alloy. All these weapons are identical for game terms.

Twilight 2000 Notes: This shotgun does not exist.

Weapon	Ammunition	Weight	Magazines	Price
Franchi 720 (24" Barrel)	20 Gauge 3"	2.75 kg	4 Tubular	\$498
Franchi 720 (26" Barrel)	20 Gauge 3"	2.8 kg	4 Tubular	\$508
Franchi 720 (28" Barrel)	20 Gauge 3"	2.85 kg	4 Tubular	\$518

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Franchi 720 (24")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	50
Franchi 720 (26")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	55
Franchi 720 (28")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	59

Franchi 912 Variomax

Notes: This shotgun is a development of the Model 612VS; it is essentially a Model 612VS redesigned to fire 12 gauge 3.5" shells. The chrome-molybdenum steel barrels are equipped with Inchok interchangeable chokes, and the bores are hard-chromed for durability. They have large ventilated sighting ribs above the barrel. There are several versions of the Variomax: the Model 912 Wood, with a walnut stock and fore-end, the Model 912 Synthetic with a matte black synthetic stock and fore-end, and the Model 912 Advantage Camo Timber has a wooden stock and fore-end, and the entire weapon is overprinted with an autumn woodland camouflage pattern. (All these shotguns are identical for game purposes, except for the cost of the Synthetic.) All have light alloy receiver housings and blued barrels. Despite the name, the Variomax does not use the Variopress system; instead, it uses a modification of the Reverpress system, where the gas piston is put in one way for light and standard loads, and reversed for heavy and special loads. The butt of the Variomax has a thick rubber recoil pad, and the stock also houses a special shock absorber tube which is filled with mercury; the inertia of the moving mercury upon firing helps dampen recoil.

Twilight 2000 Notes: Introduced in 2003, this shotgun does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Franchi 912 (24" Barrel)	12 Gauge 3.5"	3.35 kg	4 Tubular	\$801
Franchi 912 (26" Barrel)	12 Gauge 3.5"	3.38 kg	4 Tubular	\$811
Franchi 912 (28" Barrel)	12 Gauge 3.5"	3.42 kg	4 Tubular	\$821
Franchi 912 (30" Barrel)	12 Gauge 3.5"	3.45 kg	4 Tubular	\$831
Franchi 912 Synthetic (24" Barrel)	12 Gauge 3.5"	3.35 kg	4 Tubular	\$811
Franchi 912 Synthetic (26" Barrel)	12 Gauge 3.5"	3.38 kg	4 Tubular	\$821
Franchi 912 Synthetic (28" Barrel)	12 Gauge 3.5"	3.42 kg	4 Tubular	\$831
Franchi 912 Synthetic (30" Barrel)	12 Gauge 3.5"	3.45 kg	4 Tubular	\$841

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Franchi 912 (24")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	7	4	Nil	65
Franchi 912 (26")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	71
Franchi 912 (28")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	77
Franchi 912 (30")	SA	5/1d6x36 or 2d6x8 or 3d6x4	2-4-Nil/Nil or 1-Nil or 1-Nil	8	4	Nil	83

Franchi Affinity Catalyst

Notes: These are semiautomatic shotguns designed for fowling and competition. They were designed from the ground up to be especially sized for a woman. They do not have pink colors or other "girly" things about them; the LOP, drop, and heel are all made for the average woman's stature and build. The Catalyst is made lighter, and has a semi-pistol grip and reach to the trigger are designed for smaller hands. The Catalyst has the Benelli Inertia Driven system, which is important for a woman who has on the average less upper body strength and yet needs reliability. The stock is of A-Grade Satin Walnut; external metalwork is black Cerekote. Alternate stocks include black synthetic, RealTree APG, and RealTree Max-5. The stock has a thick recoil pad and a raised

cheekpiece. The barrel is 28 inches; it is not chopped like most women's shotguns are. There is a sighting rib above the barrel, with a red bead at the front of the rail. The Catalyst comes with three screw-in Crio choke tubes and a shim kit. Though designed for women, recoil is hefty due to the light weight.

Weapon	Ammunition	Weight	Magazines	Price
Affinity Catalyst	12 Gauge 2.75" and 3"	2.99 kg	5 Tubular	\$734

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Affinity Catalyst (2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62
Affinity Catalyst (3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70

Franchi Inertia I-12

Notes: New for 2005, the Inertia I-12 is a semiautomatic shotgun using a new method of operation – inertia driving. The bolt is free-floating, and working parts which are normally fixed are driven backward by the recoil of the gun. This compresses an inertia spring, which throws the mechanism back forward and operates the mechanism as well as loading the next round. This results in a weapon with relatively low recoil. A gel pad behind the trigger protects the shooter's finger as the inertia mechanism operates. The butt also has a thick gel pad to further soak up felt recoil. This mechanism is a bit more complicated, but since it has no bulky gas cylinders or tubes, the I-12 is able to be made very slender and with relatively light weight. The standard stock is synthetic, normally black in color but several other colors and camouflage patterns are available. A walnut stock is also available. The barrel has a ventilated sighting rib above it.

Twilight 2000 Notes: This shotgun does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Inertia I-12 (24" Barrel)	12 Gauge 3"	3.4 kg	4 Tubular	\$801
Inertia I-12 (26" Barrel)	12 Gauge 3"	3.45 kg	4 Tubular	\$811
Inertia I-12 (28" Barrel)	12 Gauge 3"	3.49 kg	4 Tubular	\$821

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Inertia I-12 (24")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	59
Inertia I-12 (26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	3	Nil	65
Inertia I-12 (28")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	70

Franchi SPAS-11/SPAS-12/LAW-12

Notes: The SPAS-11 (Special Purpose Automatic Shotgun) is a shotgun that was designed from the outset for police and military use rather than civilian sporting. It was meant to be intuitive to aim and shoot, and require as little training as possible for effective use. The butt is a folding one that can be locked under the arm to allow one-handed shooting. The finish is utilitarian, with a light alloy frame sandblasted and phosphated in black. Perhaps the most unusual aspect of the SPAS-11 is its action; with a simple push of a button, the shotgun may be switched from semiautomatic to pump-action. This allows the SPAS-11 to have the firepower of a semiautomatic shotgun, yet switch to pump-action to allow the use of ammunition that will not feed properly in semiautomatic mode, or simply to conserve ammunition. Another unusual feature is the ability to use certain muzzle attachments; one is a shot spreader that reduces the short range to 10 meters (and spreads the pattern much earlier), and an adapter that allows the SPAS-11 to fire rifle or conventional grenades. The SPAS-11 was phased out in favor of the SPAS-12, but can still be found in good numbers in Italy.

The SPAS-12 may be regarded as a more-developed version of the SPAS-11. The SPAS-12 has most of the same features and construction as the SPAS-11, but the folding stock is shaped with a distinctive "curl" at the end which allows one-handed firing while bracing the stock under the arm. A fixed polymer stock for the SPAS-12 is also available, but not very common. In addition to the shot spreader and grenade launcher, the SPAS-12 may also be equipped with a mount atop the receiver for optical sights or other accessories. The SPAS-12 may also be given any sort of choke required through the use of screw-in choke tubes.

Developed from the SPAS-12, the LAW-12 is basically a semiautomatic-only version of the SPAS-12. It is considered one of the best Italian combat shotguns – light, long-barreled, and equally adept at firing shot, slugs, or special ammunition. The combination of light weight and a pistol grip allow for easy one-handed shooting, and the LAW-12 has an interchangeable choke system as well as being able to use the same accessories as the SPAS-11 and SPAS-12. The LAW-12 has two safeties, a large safety on the right front of the trigger guard for normal safing of the weapon (locking both the bolt and the magazine), and a quick reaction safety on the left front of the trigger guard that can be quickly flicked off for combat use. If only the quick reaction safety is used, the user may change the shell in the chamber while not having to unload the entire magazine. Standard sights are rifle-types similar to those of the SPAS-12, but the LAW-12 can also be equipped with a variety of sight and accessory mounts, including a MIL-STD-1913 rail. Standard construction includes metalwork of lightweight steel for the receiver and magazine and heavier steel for the working parts and the 21.5-inch barrel. The stock is normally synthetic with a pistol grip and a synthetic fore-end, but the buttstock may be replaced with a folding stock similar to that of the SPAS-11, or a skeletonized synthetic Choate lightweight stock.

Twilight 2000 Notes: The SPAS-12 was in common issue to US Army and Marine MPs and Air Force SPs during the Twilight War. The LAW-12 is a rather rare weapon, normally used only by Italian armed forces.

Weapon	Ammunition	Weight	Magazines	Price
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SPAS-11	12 Gauge 2.75"	3.85 kg	8 Tubular	\$836
SPAS-12 (Folding Stock)	12 Gauge 2.75"	4.31 kg	9 Tubular	\$834
SPAS-12 (Fixed Stock)	12 Gauge 2.75"	3.77 kg	9 Tubular	\$823
LAW-12 (Folding Stock)	12 Gauge 2.75"	2.99 kg	8 Tubular	\$615
LAW-12 (Fixed Stock)	12 Gauge 2.75"	2.93 kg	8 Tubular	\$595
LAW-12 (Choate Stock)	12 Gauge 2.75"	2.86 kg	8 Tubular	\$598
Shot Spreader	NA	0.1 kg	NA	\$25
Grenade Launcher Attachment	NA	0.25 kg	NA	\$50

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
SPAS-11	PA/SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5/7	4	Nil	42
SPAS-12 (Folding)	PA/SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5/6	4	Nil	41
SPAS-12 (Fixed)	PA/SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	41
LAW-12 (Folding)	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5/7	5	Nil	46
LAW-12 (Fixed)	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	46
LAW-12 (Choate)	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	46

Franchi SPAS-15

Notes: The SPAS-15 began in the mid-1980s as an attempt to turn the SPAS-12 into a magazine-fed weapon and resulted in a new weapon related to the SPAS-12 only to a very small extent. The original impetus for the development of the SPAS-15 came a request from NATO and the US for a new combat shotgun (the same one that generated weapons such as the H&K CAWS), but in the end, the requirement for a new combat shotgun was dropped. Low-rate sales ensued until 1999, when the Italian Army bought some 2000 SPAS-15s for use in peacekeeping operations in the Balkans.

Though the SPAS-15 is also a shotgun which can function semiautomatically or by pump-action, the operation of the SPAS-15 is very different from the SPAS-11 or SPAS-12. In semiautomatic mode, the SPAS-15 is a gas-operated rotating bolt weapon, while in pump-action mode, it does function in a similar manner to the SPAS-12. The SPAS-15 is very different internally due to being a magazine-fed weapon instead of feeding from an underbarrel tube. The receiver of the SPAS-15 is all-steel, as is the barrel; magazines are proprietary and made from aluminum, while parts such as the stock, pump slide, and pistol grip are of high-impact plastic. The top of the receiver has a rear notch sight within a carrying handle; the front sight is a hooded blade. The carrying handle is capable of mounting some accessories or optics, but the selection is narrow and this is not the handle's primary function. Underneath the carrying handle is the charging handle. Most SPAS-15s have been built with a side-folding stock, but a fixed stock is also available. Barrels are 18 or 24 inches, with the 18-inch barrel being far more common than the 24-inch barrel. Both have bores which are chrome-plated. The barrels may be given virtually any choke using screw-in choke tubes. The muzzle can mount grenade launchers and shot spreaders like those of the SPAS-11 and SPAS-12, or a standoff attachment which also functions as a muzzle brake.

In an effort to appeal to military and special operations, Franchi briefly sold a version with a 16" barrel. It was tested by many countries, but the overall impression among the military community was that a SPAS-15 two inches shorter was not enough of an increase in utility in CQB. Like the other versions of the SPAS-15, the barrels can take screw-in choke tubes, and the muzzle can mount grenade launchers and shot spreaders, as well as the special standoff attachment/muzzle brake.

The SPAS-15 ran afoul of US arms laws early in the importation of them from Franchi. The numbers of SPAS-15s in the US were grandfathered in, but that number was at the most 100 examples, and possibly as little as 25. Current users of the SPAS-15 include the Italian Army, who issues them to peacekeeping troops and for some limited use as door-openers, and the Serbian special ops unit, the Special Brigade.

Twilight 2000 Notes: The Italians made significant use of the SPAS-15 during the Twilight War.

Weapon	Ammunition	Weight	Magazines	Price
SPAS-15 (16" Barrel, Folding Stock)	12 Gauge 2.75"	3.85 kg	3, 6, 8	\$583
SPAS-15 (16" Barrel, Fixed Stock)	12 Gauge 2.75"	3.85 kg	3, 6, 8	\$563
SPAS-15 (16" Barrel, Folding Stock, Brake)	12 Gauge 2.75"	3.87 kg	3, 6, 8	\$634
SPAS-15 (16" Barrel, Fixed Stock, Brake)	12 Gauge 2.75"	3.87 kg	3, 6, 8	\$614
SPAS-15 (18" Barrel, Folding Stock)	12 Gauge 2.75"	3.9 kg	3, 6, 8	\$634
SPAS-15 (18" Barrel, Fixed Stock)	12 Gauge 2.75"	3.9 kg	3, 6, 8	\$616
SPAS-15 (18" Barrel, Folding Stock, Brake)	12 Gauge 2.75"	4.02 kg	3, 6, 8	\$670
SPAS-15 (18" Barrel, Fixed Stock, Brake)	12 Gauge 2.75"	4.02 kg	3, 6, 8	\$655
SPAS-15 (24" Barrel, Folding Stock)	12 Gauge 2.75"	4.06 kg	3, 6, 8	\$655
SPAS-15 (24" Barrel, Fixed Stock)	12 Gauge 2.75"	4.06 kg	3, 6, 8	\$640
SPAS-15 (24" Barrel, Folding Stock, Brake)	12 Gauge 2.75"	4.18 kg	3, 6, 8	\$693
SPAS-15 (24" Barrel, Fixed Stock, Brake)	12 Gauge 2.75"	4.18 kg	3, 6, 8	\$678

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
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SPAS-15 (16", Folding)	PA/SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	4/6	4	Nil	33
SPAS-15 (16", Fixed)	PA/SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	33
SPAS-15 (16", Folding, Brake)	PA/SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	4/6	3	Nil	33
SPAS-15 (16", Fixed, Brake)	PA/SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	3	Nil	33
SPAS-15 (18", Folding)	PA/SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5/6	4	Nil	38
SPAS-15 (18", Fixed)	PA/SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	38
SPAS-15 (18", Folding, Brake)	PA/SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5/6	3	Nil	38
SPAS-15 (18", Fixed, Brake)	PA/SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	3	Nil	38
SPAS-15 (24", Folding)	PA/SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6/7	4	Nil	52
SPAS-15 (24", Fixed)	PA/SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	52
SPAS-15 (24", Folding, Brake)	PA/SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6/7	3	Nil	52
SPAS-15 (24", Fixed, Brake)	PA/SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	52

Baikal MP-153

Notes: This is a semiautomatic gas-operated shotgun built for magnum loads. The MP-153's parts are made from high-strength steel, and the gun is equipped with a gas regulator to ensure trouble-free firing despite the load used. To further ensure reliability, the chamber, inside of the barrel, and some other parts are chrome-plated. The MP-153 is fed from a tubular magazine; this magazine's feed can be blocked with a catch so that special loads can be fed into the chamber manually. As with most Baikal shotguns, there are several automatic safeties and a manual safety catch.

Weapon	Ammunition	Weight	Magazines	Price
MP-153 (24" Barrel)	12 Gauge 3"	3.6 kg	6 Tubular	\$714
MP-153 (26" Barrel)	12 Gauge 3"	3.64 kg	6 Tubular	\$724
MP-153 (28" Barrel)	12 Gauge 3"	3.68 kg	6 Tubular	\$734
MP-153 (24" Barrel)	12 Gauge 3.5"	3.76 kg	5 Tubular	\$796
MP-153 (26" Barrel)	12 Gauge 3.5"	3.8 kg	5 Tubular	\$806
MP-153 (28" Barrel)	12 Gauge 3.5"	3.87 kg	5 Tubular	\$816

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
MP-153 (24", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	59
MP-153 (26", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	65
MP-153 (28", 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70
MP-153 (24", 3.5")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	7	5	Nil	62
MP-153 (26", 3.5")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	68
MP-153 (28", 3.5")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	73

Izhmash Saiga Series

Notes: The Saiga series of shotguns are derived from the Kalashnikov design and use the basic Kalashnikov method of operation. Externally, the Saigas look very similar to the Kalashnikov series of assault rifles; however (mostly to accommodate the ammunition), the Saigas are internally quite different from the Kalashnikov assault rifles.

The primary differences, of course, are in the size of the receiver and operating parts. The internal guide rails for the bolt carrier group have been moved, and a gas regulator has been added (the Saigas are able to use 2.75" or 3" shells, but this gas regulator must be adjusted in order to change between shell sizes). This gas regulator also has the secondary effect of helping to mitigate felt recoil. The magazines and the magazine well are necessarily of different dimensions, and of course the barrels are entirely different; they are smoothbore and wider in width. Most versions of the Saiga series come in fixed-stock and folding-stock versions, and in varying barrel lengths depending upon the version. Most of the furniture is of polymer, while the metalwork is steel. (Wood furniture is also available.) The Saiga series may be finished in virtually any color or pattern the buyer wishes. Saigas may digest virtually any sort of standard 12-gauge ammunition, including shot, slugs, custom loads, and those with cases made from cardboard, plastic, and brass. The standard barrel is 19 inches, and screw-in choke tubes are available from Izhmash. Construction is largely of stamped steel, except for some of the internal parts. Finish is a non-reflective matte black, with polymer parts also matte black. A First, the Saiga was available only with a standard "sporting" stock, though now the Saiga is available with a stock with a pistol grip. The safety/selector appears to be a standard AK-type lever, but the safe position blocks the trigger, sear, and rearward travel of the bolt. The Saiga has a two stage trigger; many say the first takeup is a bit long and creepy, and suddenly breaks into the second takeup.

The Saiga-12 series is designed for 12-gauge ammunition, and feeds from 5, 8, or 10-round magazines. (The 10-round magazines are rather rare, as they proved to be clumsy.) The basic Saiga-12 uses a 22.8 or 26.8-inch barrel; most of the length of this barrel is exposed and it can be damaged if roughly treated. The Saiga-12 uses only a fixed stock. The Saiga-12S is basically the same, but is equipped only with a 22.8-inch barrel and has a shorter stock. The Saiga-12K is a short variant with a 16.9-inch barrel and a side-folding stock. (The Saiga-12K cannot be fired with a folded stock; the mechanism will not allow this; however, it is known that this interlock can be disabled, using an Average: Gunsmith roll.) The barrels of the Saiga-12 series are made exclusively with Cylindrical chokes. Saiga-12s seen the hands of Russian police and military forces are often seen with barrels tipped with flash suppressors and MIL-STD-1913 rails added to the tops of the receivers and/or the handguards. These versions cost 1% more than standard Saiga-12s.

The Saiga-20 and Saiga-410 are quite similar to the Saiga-12 series, but fire 20-gauge and .410-gauge ammunition respectively. They appear to be simply Saiga-12-series shotguns scaled down to a smaller size. However, the Saiga-20, Saiga-20S, Saiga-410, and Saiga-410S use a 26.4-inch barrel, while the Saiga-20K and Saiga-410K use a 22.4-inch barrel. In addition, the Saiga-20 series may be had with barrels which have Cylindrical or Improved Cylindrical choke, while the Saiga-410 series may be had with barrels which have Cylindrical or Modified Choke.

In 2009, MD Arms in the US introduced a 20-round drum magazine for the Saiga-12 series. These drums may had with interchangeable rear covers in black, smoked gray, or clear. These drums fit only in the Saiga-12 series, and do not fit other shotguns.

In 2010, Tromix Lead Delivery Systems in the US began producing their version of the Saiga-12: The Tromix S-17. The S-17 is designed for home defense and close-quarters battle; it's 8-inch barrel is so short that owning one requires special licenses in the US, and if it didn't have a stock, it could be considered a pistol. (Tromix also sells versions with 10, 12, and 14 inch barrels.) Tromix

essentially rebuilt the Saiga, using not only the abbreviated barrel tipped with a Shark muzzle brake, but tweaking and custom-building many parts of the Saiga to greatly increase reliability. A great improvement is the S-17's ability to digest just about any 12-Gauge ammunition with ease; stock Saigas are notoriously finicky about the ammo they can fire reliably. Another problem that domestic production of Saiga parts (they have a license from Izhmash) is that they have been able to standardize and greatly improve manufacturing quality; stock Saigas can greatly vary in quality and even part measurement, leading to some Saiga parts not actually being interchangeable. (This is one of the root causes of the Saiga being so finicky about ammo; the gas system, and particularly the gas ports, can vary in construction greatly in stock Saigas, and there is actually a lively industry in improved aftermarket Saiga parts in the US). The pistol grip of the S-17 is taken from the M-249 SAW, the trigger pack is designed by Tromix, but is interchangeable with a standard Saiga trigger pack, the charging handle is the same as that of the Galil assault rifle, and the sights are Heckler & Koch designs, with night inserts. The folding stock has a hefty recoil pad. The handguards have been replaced with more ergonomic Kross Hellion handguards. Tromix deliberately limits orders for the S-17; they are a relatively small (though growing) firearms firm and in the past have had problems fulfilling orders (something that partially led to the demise of the Sledgehammer line of rifles).

Tromix will also rebuild your existing Saiga shotgun, improving most of the defects of the original Saiga shotgun.

Arsenal of Bulgaria also builds a version of the Saiga-410; in fact, the receivers are mostly imported from Russia. Arsenal's SGL-41 uses a 19-inch barrel, standard AKM sights, and the barrel is tipped by a muzzle brake. The brake is designed to allow the SGL-41 to use screw-in choke tubes. It is otherwise similar to the Saiga-410, though the stock does not fold. They also build the 12-Gauge model, calling it the SGL-12; like the SGL-410, it does not have a folding stock. In both cases, the shotguns have a chromed bore. They have screw-in choke tubes that allow for Improved Cylinder, Modified, and Full chokes.

R&R Targets also produces a rebuild kit for the Saiga-12. This primarily involves refinishing the parts to make them more reliable, a shortened 19-inch barrel designed to take Remington choke tubes, the installation of an sliding stock, the use of an AR-type magazine release, and a beefy, ventilated barrel jacket with a saw-toothed muzzle which extends beyond the muzzle of the shotgun barrel. The saw-toothed stand-off muzzle of the jacket allows it to be used as a door-breaching implement as well as to blast rebar. The rebuilds make the R&R Targets' version unable to use 3" Magnum ammunition. The rebuild is beefy and heavy, and well put-together.

Another rebuild of the Saiga is more dramatic; this is the Kushnapup Bullpup Saiga. This involves not merely dropping the Saiga into a bullpup stock; due to the operation of the Saiga, cocking levers, magazine releases, and selector levers had to be moved and modified, with extensions placed to actuate the internal machinery behind those levers. It's not considered to be too difficult, but a modicum of gunsmithing experience is recommended. The modification does require work that makes it difficult (ie, find the right parts all over again) to return the Saiga-12 to its original configuration. The bullpup shell is of modern polymer, and is strong, light, and impervious to most chemicals. It includes the pistol grip, trigger housing, and foregrip. The Kushnapup is long enough to pass US regulations without having to get an SBR license. Atop the weapon, just behind the barrel root, is a short length of MIL-STD-1913 rail for optics. A foregrip is built in with the foregrip connected to the pistol grip by a polymer spar. The trigger is not enclosed inside a trigger guard, though the design does allow for the installation of one or one of many other trigger packs. The internal works are for the most part the internal workings of the original Saiga-12. The barrel which comes with the Kushnapup kit is 18 inches long and tipped with a flash suppressor that also has a standoff for shooting locks or rebar, but any Saiga barrel can be used.

Twilight 2000 Notes: MD Arms' drum magazines do not exist in the Twilight 2000 timeline, nor does Tromix's S-17, the SGL-41, or the R&R Targets version, or the Kushnapup.

Weapon	Ammunition	Weight	Magazines	Price
Saiga-12 (22.8" Barrel)	12 Gauge 2.75" and 3"	3.81 kg	5, 8, 10, 20D	\$714
Saiga-12 (26.8" Barrel)	12 Gauge 2.75" and 3"	3.9 kg	5, 8, 10, 20D	\$734
Saiga-12S	12 Gauge 2.75" and 3"	3.58 kg	5, 8, 10, 20D	\$714
Saiga-12K	12 Gauge 2.75" and 3"	3.49 kg	5, 8, 10, 20D	\$704
Saiga-20	20 Gauge 2.75" and 3"	3.22 kg	2, 5, 8, 10	\$590
Saiga-20S	20 Gauge 2.75" and 3"	3.03 kg	2, 5, 8, 10	\$590
Saiga-20K	20 Gauge 2.75" and 3"	2.95 kg	2, 5, 8, 10	\$590
Saiga-410	.410 Gauge 2.75" and 3"	2.81 kg	2, 5, 8, 10	\$395
Saiga-410S	.410 Gauge 2.75" and 3"	2.64 kg	2, 5, 8, 10	\$395
Saiga-410K	.410 Gauge 2.75" and 3"	2.57 kg	2, 5, 8, 10	\$395
Tromix S-17 (8" Barrel)	12 Gauge 2.75" and 3"	3.37 kg	5, 8, 10, 20D	\$709
Tromix S-17 (10" Barrel)	12 Gauge 2.75" and 3"	3.42 kg	5, 8, 10, 20D	\$719
Tromix S-17 (12" Barrel)	12 Gauge 2.75" and 3"	3.47 kg	5, 8, 10, 20D	\$729
Tromix S-17 (14" Barrel)	12 Gauge 2.75" and 3"	3.52 kg	5, 8, 10, 20D	\$739
SGL-41	.410 Gauge 2.75" and 3"	3.11 kg	2, 5, 8, 10	\$333
R&R Targets Saiga-12	12 Gauge 2.75"	4.35 kg	5, 8, 10, 20D	\$612
Kushnapup-12	12 Gauge 2.75" and 3"	3.63 kg	5, 8, 10, 20D	\$616
Kushnapup-20	20 Gauge 2.75" and 3"	3.31 kg	2, 5, 8, 10	\$469
Kushnapup-410	.410 Gauge 2.75" and 3"	3.12 kg	2, 5, 8, 10	\$265

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Saiga-12 (22.8", 2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	49

Saiga-12 (22.8", 3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	56
Saiga-12 (26.8", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	3	Nil	59
Saiga-12 (26.8", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	3	Nil	67
Saiga-12S (2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	49
Saiga-12S (3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	56
Saiga-12K (2.75")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	4/6*	4	Nil	36
Saiga-12K (3")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	4/6*	4	Nil	39
Saiga-20 (2.75")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	3	Nil	49
Saiga-20 (3")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	3	Nil	55
Saiga-20S (2.75")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	49
Saiga-20S (3")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	55
Saiga-20K (2.75")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	4/6*	4	Nil	41
Saiga-20K (3")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	4/6*	4	Nil	46
Saiga-410 (2.75")	SA	3/1d6x8	1-Nil/Nil	7	2	Nil	33
Saiga-410 (3")	SA	3/1d6x8	1-Nil/Nil	7	2	Nil	37
Saiga-410S (2.75")	SA	3/1d6x8	1-Nil/Nil	7	2	Nil	33
Saiga-410S (3")	SA	3/1d6x8	1-Nil/Nil	7	2	Nil	37
Saiga-410K (2.75")	SA	3/1d6x8	1-Nil/Nil	3/5*	3	Nil	27
Saiga-410K (3")	SA	3/1d6x8	1-Nil/Nil	3/5*	3	Nil	31
Tromix S-17 (8", 2.75")	SA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	3/5	3	Nil	11
Tromix S-17 (8", 3")	SA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	3/5	2	Nil	12
Tromix S-17 (10", 2.75")	SA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	4/5	2	Nil	16
Tromix S-17 (10", 3")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	4/5	2	Nil	18
Tromix S-17 (12", 2.75")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	4/5	3	Nil	22
Tromix S-17 (12", 3")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	4/5	3	Nil	24
Tromix S-17 (14", 2.75")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	4/6	3	Nil	27
Tromix S-17 (14", 3")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	4/6	3	Nil	30
SGL-41 (2.75")	SA	2/1d6x8	1-Nil/Nil	6	2	Nil	23
SGL-41 (3")	SA	2/1d6x8	1-Nil/Nil	6	2	Nil	26
R&R Targets Saiga-12	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6/7	4	Nil	41
Kushnapup-12 (2.75")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	4	Nil	35
Kushnapup-12 (3")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	4	Nil	39
Kushnapup-20 (2.75")	SA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	5	4	Nil	29
Kushnapup-20 (3")	SA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	5	4	Nil	33
Kushnapup-410 (2.75")	SA	2/1d6x8	1-Nil/Nil	5	2	Nil	19
Kushnapup-410 (3")	SA	2/1d6x8	1-Nil/Nil	5	2	Nil	22

*Though the Saiga series will fold to a smaller bulk, it cannot *normally* be fired with the stock folded. Of course, the Kushnapup cannot be folded.

Molot Vepr-12

Notes: Based on the Vepr rifles (which are themselves based on the RPK-74), the Vepr-12 is a semiautomatic shotgun which is meant for a broad range of applications, from military and police work to sport shooting (they actually meet IPSC regulations). In addition, the Vepr-12 was designed specifically to compete with the Saiga-12 shotgun, and in Russian police, military, and security market the Vepr-12 is apparently doing quite well in this regard.

Though the operation of the Vepr rifles and Vepr-12 are quite similar, there are also a number of changes, mostly to accommodate the different ammunition. In addition, there is a small selector switch on the left side of the receiver in addition to the large AK/RPK-type paddle lever on the right. The gas system is self-regulating, primarily to cope with varying loads and types of 12-gauge ammunition. The magazine housing has been redesigned to allow the magazine to be inserted quickly, straight in, without the need to put the front of the magazine in first and rock it back like Vepr rifles or other weapons based on the AK/RPK series. Construction is largely of stamped steel, but the fore-end, pistol grip, and magazines are of high-strength polymer. (In addition, the Vepr-12 can use all Saiga-12 magazines, but not vice-versa.) All Vepr-12s also have a side-folding skeletonized steel stock which is coated with polymer and has a butt with a ventilated rubber recoil pad. The top of the receiver is fitted with a true MIL-STD-1913 rail; under the fore-end is another short MIL-STD-1913 rail (Vepr-12s are normally sold with a folding foregrip to attach to this rail, but it can also take any other accessory). A further very short MIL-STD-1913 rail (long enough for tactical lights or laser aiming modules or suchlike) is under the gas block.

There are three versions of the Vepr-12. The standard Vepr-12 has a 16.9-inch barrel tipped with a removable flash suppressor/standoff attachment; the Vepr-12-01 has a 20.5-inch barrel and the same muzzle attachment, but it is non-removable; and the Vepr-12-02 (designed primarily for sporting use), has a 26.8-inch barrel, but with no muzzle attachment; instead, it comes with a complete set of interchangeable chokes.

Weapon	Ammunition	Weight	Magazines	Price
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Vepr-12	12 Gauge 3"	3.9 kg	5, 8, 10	\$725
Vepr-12-01	12 Gauge 3"	4 kg	5, 8, 10	\$736
Vepr-12-02	12 Gauge 3"	4.2 kg	5, 8, 10	\$762

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Vepr-12	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5/7	3	Nil	40
Vepr-12-01	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6/7	4	Nil	50
Vepr-12-02	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	6/8	4	Nil	67

TOZ-87

Notes: This semiautomatic shotgun is gas operated and fed by a tubular magazine; it is basically similar in appearance and operation of most shotguns of its type in the West. The TOZ-87 has been available since 1986, but only recently in the West. The TOZ-87 has a magazine cutoff button; when pressed, the feed from the magazine is stopped, but the chamber may still be manually loaded, so that different or special ammunition may be used. The standard tubular magazine holds four rounds, but an extended magazine is available which allows seven rounds. There is only one gauge (12 gauge), but there are several versions. The standard TOZ-87 has a simple smoothbore barrel with no barrel rib and a fixed Full choke. The TOZ-87-01 is the same, but it has a ventilated sighting rib above the barrel. The TOZ-87-02 has a shorter 26-inch barrel, and comes with interchangeable chokes of Cylindrical, 1/2, and Full. The TOZ-87-03 is basically a TOZ-87-02 with a ventilated sighting rib above the barrel. The TOZ-87-04 is designed for slug shooting (though it can also fire shot, since it has a smoothbore barrel); it has rifle-style sights and a short 21.25-inch barrel with no choke. The TOZ-87-05 is the same weapon with interchangeable chokes of Cylindrical, 1/2, or Full. The stock and fore-end of all these weapons are made from walnut root, and have steel metalwork. In all cases, deluxe models are available with finer woods and engraving with inlays of various materials.

Weapon	Ammunition	Weight	Magazines	Price
TOZ-87/87-01	12 Gauge 2.75"	3.2 kg	4 Tubular	\$617
TOZ-87/87-01 (Extended Mag)	12 Gauge 2.75"	3.3 kg	7 Tubular	\$618
TOZ-87-02/03	12 Gauge 2.75"	3.2 kg	4 Tubular	\$607
TOZ-82-02/03 (Extended Mag)	12 Gauge 2.75"	3.3 kg	7 Tubular	\$608
TOZ-87-04/05	12 Gauge 2.75"	3.1 kg	4 Tubular	\$583
TOZ-87-04/05 (Extended Mag)	12 Gauge 2.75"	3.2 kg	7 Tubular	\$584

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
TOZ-87/87-01	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
TOZ-87-02/03	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	57
TOZ-87-04/05	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	46
TOZ-87-04/05 (Ext Mag)	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	46

TOZ-112

Notes: This interesting weapon is sort of a cross between a single-barreled shotgun and a magazine-fed semiautomatic rimfire rifle. The weapon may be breeched like a conventional single-barreled shotgun; this allows one to insert a 20 gauge shotgun shell of any type in the bottom barrel. When the weapon is breeched in such a manner, the entire breech block/receiver hinges downward, instead of a simple breech block. The magazine feeds the top barrel, which is rifled and chambered for .22 Long Rifle rounds. On the neck of the weapon is a barrel selector to allow the shooter to fire from the shotgun barrel or the rifle barrel – both cannot be done simultaneously. As with many of TOZ's weapons, there is also a deluxe model, with better woods, engraving, and inlays of silver.

Weapon	Ammunition	Weight	Magazines	Price
TOZ-112	20 Gauge 2.75" + .22 Long Rifle	3 kg	1 Internal + 8	\$489

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
TOZ-112 (20 GA)	SS	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	46
TOZ-112 (.22)	SA	1	Nil	6	1	Nil	50

Armsel Striker

Notes: The South African-designed Striker was at first manufactured in the US, but this manufacturing agreement was later discontinued when the Assault Weapons Ban's proponents declared the Striker a "destructive device." The Striker was then manufactured for several more years in South Africa. A descendant of the old Manville Gun, the Striker is considered (even by Armsel) as an "assault shotgun," and meant primarily for CQB and to provide large amounts of firepower in a relatively small package, even though it was also sold (at least in the US) to civilians. Users include SANDF, the IDF and Israeli police, hundreds of police departments across the US, and reputedly the militaries of several countries for special applications.

The Striker does not have a magazine as such; instead, it is essentially a huge revolver, feeding from a revolving cylinder, and using a double-action firing mechanism. When the cylinder completes a full 360-degree rotation (or before loading it in the first place), the cylinder must be wound in a manner similar to old Thompson submachinegun drum magazines. The rounds are loaded through a loading gate on the upper right side of the cylinder. The cylinders may also be manually rotated, which is a rather slow way to fire the Striker, but does provide a handy way for the shooter to index different ammunition types if he has more than one type of shell in the gun.

That said, the Striker does have a number of shortcomings (other than the need to wind the cylinder). It is possible to pull the trigger far enough to rotate the cylinder, but not enough to actually trip the firing pin and fire the weapon. As with the typical revolver-type weapon, if a misfire occurs, the bad round cannot simply be ejected. The Striker has an ejector rod, like the typical revolver-type weapon; however, this rod ejects only *one* shell at a time (the one lined up with the loading port), and the trigger must be pulled halfway back while the ejector rod is pushed. This effectively means that in addition to the time it takes to load the magazine, another phase must be spent winding the drum before the Striker may actually be loaded, and that loading each round may be done at a rate of only 1 shell per phase.

Construction of the Striker is largely of Dural (a light, but strong alloy); the barrel is also Dural, but with a steel liner. The pistol grip and foregrip are made from high-impact plastic. The stock is of twin metal struts with a plastic buttplate, and folds over the top of the weapon. The Striker was built with two barrel lengths, with the 12-inch barrel meant primarily for police and military concerns, and the 18-inch barrel for civilians. There are no sights of any sort on the Striker, but it is drilled and tapped.

Armsel later set out to improve the design of the Striker. This produced the Protecta. The first problem to be addressed was the cumbersome loading method. To this end, the winding mechanism was deleted, replaced with a conventional-looking charging handle on the left side of the barrel which, though it must be pulled back forcefully, winds the cylinder completely and with one motion. The loading gate and ejection rod are also gone; instead, fresh rounds are loaded directly from the rear of the cylinder, and as the cylinder rotates while firing, the spent (or dud, if it comes to that) rounds are automatically ejected. Safety has been improved; the safety catch remains, but has been supplemented drop-safe trigger lock, a hammer safety, and a trigger which will not fire the Protecta unless the trigger is completely pulled.

As most countries classify the Protecta as a destructive device, no civilian version is offered. Like the Striker, the Protecta is built largely of high-strength aluminum alloy, but the metal used on the Protecta is stronger than the Dural used on the Striker. Parts which were built of plastic on the Striker are made from stronger fiberglass/polycarbonate composites. In addition to the standard drilling and tapping, the Protecta is equipped with an Occluded Eye Gunsight with a 3.5x magnification. A compact version of the Protecta, the Protecta Bulldog is also offered; this version has a 7-inch barrel (as opposed to the Protecta's 12-inch barrel), no stock, and a smaller cylindrical magazine.

Twilight 2000 Notes: The Striker is common enough in the Twilight 2000 timeline, but the Protecta and Protecta Bulldog are rather rare.

Weapon	Ammunition	Weight	Magazines	Price
Striker	12 Gauge 2.75"	4.2 kg	12 Cylinder	\$567
Striker (Civilian)	12 Gauge 2.75"	4.41 kg	12 Cylinder	\$597
Protecta	12 Gauge 2.75"	4.22 kg	12 Cylinder	\$767
Protecta Bulldog	12 Gauge 2.75"	2.22 kg	11 Cylinder	\$491

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Striker	DAR	4/1d6x20 or 2d6x4	2-3-Nil/Ni or 1-Nil	3/5	4	Nil	22
Striker (Civilian)	DAR	4/1d6x24 or 2d6x4	2-3-Nil/Ni or 1-Nil	4/6	4	Nil	38
Protecta	DAR	4/1d6x20 or 2d6x4	2-3-Nil/Ni or 1-Nil	3/5	4	Nil	22
Protecta Bulldog	DAR	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	3	6	Nil	9

USAS-12

Notes: Originally a joint design between Daewoo and the American company of Atchisson, the USAS-12 was classified as a Class III destructive device in the US and Atchisson dropped out of the partnership, feeling there would be little or no US sales. The original design was the Daewoo/Atchisson AA-12 Assault Shotgun, a selective fire shotgun designed to fire standard as well as exotic ammunition. This was later modified by Daewoo in the hopes of US sales and renamed the USAS-12, but the large ammunition capacity of the magazines dashed hopes of this too. Both weapons can be fed by large capacity box or drum magazines. The weapon is designed like an assault rifle, and bears a superficial resemblance to the M-16. The low rate of fire helps keep recoil low, especially during automatic fire.

This weapon has recently been issued to US troops in Afghanistan and Iraq on a test basis for use in close assault situations. The troops using them tend to like the incredible firepower, but not the rather beastly weight.

Twilight 2000 Notes: The USAS-12 received a surprising amount of use during the Twilight War, not only by the South Koreans, but by US, British, Australian, and Mexican troops. They were used mostly by special operations units and by military police.

Merc 2000 Notes: These weapons were favorites of gangs on the US West Coast, and were also used by police and military special operations units.

Weapon	Ammunition	Weight	Magazines	Price
USAS-12	12 Gauge 2 3/4"	5.5 kg	10, 12, 20 Drum, 28 Drum	\$589

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
USAS-12	3	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	3	5	39
USAS-12 (Flechette Ammo)	3	2d6x8	1-Nil	6	3	5	29

ADCO Marine

Notes: This Benelli clone has been widely exported. It is similar in many ways to some of the Benelli shotguns (like most Turkish-made shotguns), but is much rougher in the finish and tool marks. The Marine is designed for use by fishermen and suchlike, both to dispatch large fish that haven't gotten the message that their days are over, and to dispatch the likes of hijackers and pirates. It's not the best shotgun in the world, nor is it the prettiest, but it is a serviceable one. The Marine has a sighting rib for quick aiming at short range, but it is known that the rib can be a bit less than straight or parallel to the barrel.

<i>Weapon</i>	<i>Ammunition</i>	<i>Weight</i>	<i>Magazines</i>	<i>Price</i>
Marine (20" Barrel)	12 Gauge 3"	3.53 kg	5 Tubular	\$618
Marine (22" Barrel)	12 Gauge 3"	3.63 kg	5 Tubular	\$628

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Marine (20")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	41
Marine (22")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	45

Huglu 401

Notes: This is a semiautomatic shotgun which is, in typical Huglu fashion, characterized by its elaborate and beautiful artwork on the receiver housing. It is a recoil-operated shotgun made only for 12 gauge 2.75-inch shells. The standard Huglu 401 has a magazine capacity of four rounds, with a variant called the Huglu 401A having a larger magazine capacity. The feed from the tubular magazine can be interrupted by using a push button (also engraved); this allows for the selective use of slugs or unusual shells, or to empty the chamber without emptying the magazine. Another variant of this shotgun is the Huglu 501 (and 501A); this is the same weapon, but has a gas-operated mechanism. It also does not come in a 30-inch barrel version. It is otherwise identical to the Huglu 401 for game purposes.

<i>Weapon</i>	<i>Ammunition</i>	<i>Weight</i>	<i>Magazines</i>	<i>Price</i>
Huglu 401 (21.625" Barrel)	12 Gauge 2.75"	3.15 kg	4 Tubular	\$585
Huglu 401 (25.625" Barrel)	12 Gauge 2.75"	3.18 kg	4 Tubular	\$605
Huglu 401 (28" Barrel)	12 Gauge 2.75"	3.22 kg	4 Tubular	\$617
Huglu 401 (30" Barrel)	12 Gauge 2.75"	3.25 kg	4 Tubular	\$627
Huglu 401A (21.625" Barrel)	12 Gauge 2.75"	3.17 kg	6 Tubular	\$585
Huglu 401A (25.625" Barrel)	12 Gauge 2.75"	3.2 kg	6 Tubular	\$606
Huglu 401A (28" Barrel)	12 Gauge 2.75"	3.25 kg	6 Tubular	\$618
Huglu 401A (30" Barrel)	12 Gauge 2.75"	3.28 kg	6 Tubular	\$628

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Huglu 401 (21.625")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	46
Huglu 401 (25.625")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	56
Huglu 401 (28")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
Huglu 401 (30")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	67
Huglu 401A (21.625")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	46
Huglu 401A (25.625")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	56
Huglu 401A (28")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
Huglu 401A (30")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	67

Lazer Arms XR410

Notes: This is similar to many other shotguns, particularly single-barrel shotguns also sold by Lazer Arms, except for one thing: it is a double-action design, fed by a revolver-like cylinder. The stock and fore-end are of standard sporting rifle design, with a checkered pistol grip wrist and fore-end, and a rubber recoil pad on the butt. The profile of the shotgun is more slender than most pump-action and semiautomatic shotguns. The XR410 has a notch rear sight in the scout position and a fiberoptic sight in front at the end of the barrel. The rear sight is adjustable for elevation and windage. The cylinder does not have automatic extractors or even full extraction upon pushing the ejection rod; instead, the XR410 has an extraction rod that merely pushes the back ends of the rounds out of the cylinder, where you pick them out one by one. The trigger pull weight is described as *very heavy*, but the hammer allows for thumb cocking. The XR410 comes with a pair of plugs for two of the cylinders; they lock in with an allen key, and are used in jurisdictions where waterfowl hunting only allows for a magazine capacity of three rounds. XR410s come in a short 20-inch barrel, the standard 24-inch barrel, and the rare 28-inch barrel.

Interesting Note: When I tried to go to the Lazer Arms web site, Norton 360 (my internet security suite) blocked me from loading the site, saying it was a known malicious site. I clicked through, and sure enough, Norton blocked four malicious scripts, and Firefox (my web browser) blocked the site from further loading. I decided to take the hint and not load that site, and found information in other places on the web. Hmmm...

<i>Weapon</i>	<i>Ammunition</i>	<i>Weight</i>	<i>Magazines</i>	<i>Price</i>
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XR410 (20" Barrel)	.410 Gauge 2.5", 2.75", 3"	2.37 kg	5 Cylinder	\$239
XR410 (24" Barrel)	.410 Gauge 2.5", 2.75", 3"	2.57 kg	5 Cylinder	\$259
XR410 (28" Barrel)	.410 Gauge 2.5", 2.75", 3"	2.77 kg	5 Cylinder	\$279

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
XR410 (2.5", 20" Barrel)	DAR	2/1d6x8	1-Nil/Nil	6	3	Nil	21
XR410 (2.75", 20" Barrel)	DAR	2/1d6x8	1-Nil/Nil	6	3	Nil	24
XR410 (3", 20" Barrel)	DAR	2/1d6x8	1-Nil/Nil	6	3	Nil	28
XR410 (2.5", 24" Barrel)	DAR	2/1d6x8	1-Nil/Nil	6	3	Nil	26
XR410 (2.75", 24" Barrel)	DAR	3/1d6x8	1-Nil/Nil	6	3	Nil	29
XR410 (3", 24" Barrel)	DAR	3/1d6x8	1-Nil/Nil	6	3	Nil	33
XR410 (2.5", 28" Barrel)	DAR	3/1d6x8	1-Nil/Nil	7	3	Nil	31
XR410 (2.75", 28" Barrel)	DAR	3/1d6x8	1-Nil/Nil	7	3	Nil	35
XR410 (3", 28" Barrel)	DAR	3/1d6x8	1-Nil/Nil	7	3	Nil	39

Panzer Arms AR12

Notes: The AR12 is, as the name suggests, a shotgun built on the AR-10/15 pattern, and does in fact look like an AR variant. For the most part, the AR12 will be familiar to those familiar with the AR, and mesh with an AR user's muscle memory. (A big difference is the charging handle, which is attached to the bolt instead of being at the rear of the receiver.) The top of the receiver and handguards has a full-length Picatinny Rail, and comes with folding rifle-type iron adjustable sights for the rail. The stock is adjustable for length and height of the cheek rest. The 20-inch barrel is tipped with a flash suppressor designed for use with shotshells. The gas block is adjustable for use with different loads and ammo types. The handguards are equipped with MLOK slots on the sides and underneath, and the Picatinny Rail above the handguards is equipped with a vent rib. A 51mm length of Picatinny Rail is found under the end of the handguard for use with lights, lasers, or other accessories. Finishes include matte black, desert camo, and woodland camo.

The AR12 Pro has a different Picatinny Rail layout from the standard AR12, with a half-length rail atop a riser on the receiver and a short length of Rail at the front of the handguard. There is a full-length rail under the handguard instead of the lower MLOK slots. The front of the magazine well is shaped to take the non-firing hand. Overall construction is more solid, and the AR12 Pro is considerably heavier than the standard AR12, as the lower receiver is all-7075 alloy instead of being largely polymer like that of the standard AR12.

The BP12 is a bullpup version of the AR12, built largely of a polymer shell around steel internals and a 7075 aluminum lower. The barrel is the same 20 inches, but is enclosed beyond the handguards in a heavy shroud instead of having a flash suppressor. There is a charging handle on each side of the receiver. The BP12 has a 2/3 length Picatinny Rail atop the receiver and part of the handguards, with 102mm Rails on either side of the barrel, and a 1/3 length Rail under the handguards.

Weapon	Ammunition	Weight	Magazines	Price
AR12	12 Gauge 3"	2.95 kg	2, 5, 10	\$651
AR12 Pro	12 Gauge 3"	4.13 kg	2, 5, 10	\$655
BP12	12 Gauge 3"	3.8 kg	2, 5, 10	\$621

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
AR12	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	49
AR12 Pro	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	49
BP12	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5	4	Nil	45

Sarsilmaz SA

Notes: This is an average sort of shotgun. The SA-X 700 and the SA-X 700 C are essentially the same, except for the C's camouflage pattern. (The CS also has a camouflage pattern, but the receiver is black.) The SA-X 700 is finished in black and gray. Common features include the synthetic furniture, the light alloy receiver, the ventilated aiming rib, the front bead sight, and 2/3 length magazine tube, and the ventilated recoil pad on the butt. The different models are the same for game terms except for their color. The SA-X 700 R is also essentially the same, except for barrel length and the ability to use a sliding stock, a pistol grip, and muzzle brake.

The SA-W series are more traditional magnum shotguns, built with traditional lines, including a pistol grip wrist, a full-length aiming rib, and good to fine woods for the furniture. Internally, however, they are nearly identical to the SA-X series. For game purposes, differences are primarily in the weight department. They are set up as hunting weapons rather than military/police weapons. The SA-W 700 L has fine-grain woods and snakeskin texturing of wear areas; the LX is similar, but has engraving on the black receiver. The SA-W 700 S is like the rest of the SA-W series, but in a semi-luxury design. Each has an aiming rib and a fiberoptic front sight, and a selection of screw-in chokes (cylinder, improved cylinder, and modified; the gun's natural choke is full). It has some engraving on its receiver. The Youth is a shorter, 20-Gauge version of the SA-W 700 S. It has some engraving on its receiver. The SA-W 700 Deluxe is an even more deluxe version, replete with engraving on its receiver and stock and fore-end. The Youth's furniture is Walnut, while the S has Grade 2 Walnut and the Deluxe grade 3. This version of the SA has a recoil pad and a match-quality barrel.

Weapon	Ammunition	Weight	Magazines	Price
SA-X 700 (24" Barrel)	12 Gauge 3"	3.06 kg	4 Tubular	\$727

SA-X 700 (26" Barrel)	12 Gauge 3"	3.09 kg	4 Tubular	\$737
SA-X 700 (28" Barrel)	12 Gauge 3"	3.11 kg	5 Tubular	\$747
SA-X 700 (30" Barrel)	12 Gauge 3"	3.16 kg	5 Tubular	\$758
SA-X 700 (24" Barrel)	20 Gauge 3"	2.72 kg	4 Tubular	\$582
SA-X 700 (26" Barrel)	20 Gauge 3"	2.75 kg	4 Tubular	\$593
SA-X 700 (28" Barrel)	20 Gauge 3"	2.78 kg	5 Tubular	\$603
SA-X 700 R (22" Barrel)	12 Gauge 3"	3.04 kg	4 Tubular	\$862
SA-X 700 R (24" Barrel)	12 Gauge 3"	3.25 kg	4 Tubular	\$872
SA-W 700 (24" Barrel)	12 Gauge 3"	3.05 kg	3 Tubular	\$641
SA-W 700 (26" Barrel)	12 Gauge 3"	3.08 kg	3 Tubular	\$652
SA-W 700 (28" Barrel)	12 Gauge 3"	3.1 kg	3 Tubular	\$662
SA-W 700 (24" Barrel)	20 Gauge 3"	2.73 kg	3 Tubular	\$497
SA-W 700 (26" Barrel)	20 Gauge 3"	2.76 kg	3 Tubular	\$507
SA-W 700 (28" Barrel)	20 Gauge 3"	2.69 kg	3 Tubular	\$518
SA-W 700 S (24" Barrel)	12 Gauge 3"	3.01 kg	3 Tubular	\$719
SA-W 700 S (26" Barrel)	12 Gauge 3"	3.1 kg	3 Tubular	\$730
SA-W 700 S (28" Barrel)	12 Gauge 3"	3.19 kg	3 Tubular	\$740
SA-W 700 Youth (26" Barrel)	20 Gauge 3"	2.67 kg	3 Tubular	\$586
SA-W 700 Youth (28" Barrel)	20 Gauge 3"	2.69 kg	3 Tubular	\$596

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
SA-X 700 (24", 12GA)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	59
SA-X 700 (26", 12 GA)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	65
SA-X 700 (28", 12 GA)	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70
SA-X 700 (30", 12 GA)	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	76
SA-X 700 (24", 20 GA)	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	50
SA-X 700 (26", 20 GA)	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	55
SA-X 700 (28", 20 GA)	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	59
SA-X 700 R (22")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6/7	3	Nil	54
SA-X 700 R (24")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	6/7	3	Nil	59
SA-W 700 (24", 12 GA)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	59
SA-W 700 (26", 12 GA)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	5	Nil	65
SA-W 700 (28", 12 GA)	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	70
SA-W 700 (24", 20 GA)	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	50
SA-W 700 (26", 20 GA)	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	55
SA-W 700 (28", 20 GA)	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	59
SA-W 700 S/Deluxe (24")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	61
SA-W 700 S/Deluxe (26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	66
SA-W 700 S/Deluxe (28")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	72
SA-W 700 Youth (26")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	56
SA-W 700 Youth (28")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	61

Sulun Arms SR-410

Notes: This short-barreled shotgun was designed with the Canadian market in mind, and due to its short barrel and stocked configuration it is not legal for civilian ownership in many countries in the world (including the US) without special permits. It is a simple shotgun design, with a laminated walnut stock that is checkered on the pistol grip wrist and fore-end, and with a rubber recoil pad on the butt. The SR-410 uses a revolver-type feed, which is becoming more popular these days. The short barrel is only 9.8 inches in length, and has a ventilated sighting rib and a bead front sight. Trigger pull weight is a bit heavy in double-action mode, but thumb cocking is possible due to the exposed, large hammer. The gauge is small, but the weight is likewise low. The muzzle is threaded inside for use with interchangeable choke tubes; the SR-410 can use choke tubes from Beretta and Benelli.

Twilight 2000 Notes: The SR-410 is not available in the Twilight 2000 timeline, though similar shotguns are.

Weapon	Ammunition	Weight	Magazines	Price
SR-410	.410 Gauge 2.5", 2.75", and 3"	2.04 kg	5 Cylinder	\$262

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
SR-410 (2.5" Shells)	DAR	2/1d6x4	1-Nil/Nil	4	2	Nil	8
SR-410 (2.75" Shells)	DAR	2/1d6x4	1-Nil/Nil	4	2	Nil	9

Tristar Viper G2

Notes: Though this carries the American Tristar name, Tristar is simply the company that imports the Viper G2 -- the actual manufacturer is a Turkish company that operates under the Huglu umbrella. Like most of the shotguns that Tristar imports, the Viper G2 is designed to be lightweight, strong, and yet inexpensive (IRL prices) and of good utility. There are over 20 variants of the Viper G2, most of which differ primarily in color or stock style. Front sights are fiberoptic, and the barrel takes interchangeable chokes designed for Beretta or Benelli shotguns. Their native choke is Cylinder, but they come with Improved Cylinder, Modified, and Full choke tubes. Stocks may be synthetic or wood, depending on the model and variant. They have a magazine cutoff that allows the weapon to be loaded even if there are rounds already in the magazine. Atop the barrel is a ventilated sighting rib, with a matte black top to aid in sighting regardless what color the barrel is. The chamber and barrel bore are chromed. If the furniture is synthetic, the Viper G2 will have Soft Touch grip panels on the pistol grip wrist and fore-end (with the exception of the Turkey); wood-stocked versions will have checkered grip panels..

The Silver comes with a 26 or 28-inch barrel, and has a bright nickel-plated receiver, trigger guard, and trigger. The stock may or may not have a recoil pad on the butt; it is made of birch. The barrel is gloss black, and the shotgun comes with an additional choke tube called Extended Skeet. The for-end grip area may be black or wood color; this grip area and the pistol grip wrist are checkered. The 12 and 20-gauge versions are built to the same scale; the 28-gauge version is scaled down and physically smaller in the stock and fore-end than it's larger brothers. The Wood variant is the same in game terms, but has a black receiver and trigger, and comes only in 12 and 20 gauge. 20 and 28-gauge versions have essentially the same design; however, they are lighter than their 12-gauge counterparts. The Synthetic is also similar, but has a polymer stock that has a recoil pad. It differs primarily in price, though it too does not come in a 28 gauge version.

The SR Sport has a synthetic stock, and a kind of orangish-pink receiver and magazine tube cap. It has a 30-inch barrel, and comes only in 12 gauge. The stock has a recoil pad. The 28" Camo is finished in RealTree Max 4 camouflage, a type of woodland camouflage. The 24 and 26-inch versions have RealTree Advantage Timber camouflage. It is similar to the Synthetic, but also comes in a 24-inch-barrel version for the 12 gauge bore. As might be guessed, the Youth model has a shorter length of pull than standard Viper G2s, and has a barrel of 24 inches (though a barrel extension is available to increase the barrel length to 26 inches). It also comes with an extended stock to fit larger individuals. Furniture is synthetic. The Youth Wood has birch furniture as the Wood version above, and the Youth Camo has a RealTree Advantage Timber pattern. The Youth is identical to the Camo except for the weight and price. The Turkey is designed for fowling, and comes only with one extra choke tube -- Turkey (roughly equivalent to Extra Full). The Turkey is equipped with a MIL-STD-1913 rail above the receiver, and finished with RealTree Max 4 camouflage. The barrel is kept short at 24 inches to allow for quick target acquisition. The stock includes a full pistol grip.

Left-handed versions of the Synthetic and Camo are available, but only in 12 gauge and with a 28-inch barrel. They are otherwise the same as the Synthetic and Camo for game purposes.

<i>Weapon</i>	<i>Ammunition</i>	<i>Weight</i>	<i>Magazines</i>	<i>Price</i>
Viper G2 Silver (26" Barrel)	12 Gauge 3"	3.08 kg	5 Tubular	\$649
Viper G2 Silver (26" Barrel) w/Recoil Pad	12 Gauge 3"	3.13 kg	5 Tubular	\$724
Viper G2 Silver (28" Barrel)	12 Gauge 3"	3.08 kg	5 Tubular	\$659
Viper G2 Silver (28" Barrel) w/Recoil Pad	12 Gauge 3"	3.13 kg	5 Tubular	\$734
Viper G2 Silver (26" Barrel)	20 Gauge 3"	2.81 kg	5 Tubular	\$505
Viper G2 Silver (26" Barrel) w/Recoil Pad	20 Gauge 3"	2.86 kg	5 Tubular	\$580
Viper G2 Silver (28" Barrel)	20 Gauge 3"	2.81 kg	5 Tubular	\$516
Viper G2 Silver (28" Barrel) w/Recoil Pad	20 Gauge 3"	2.86 kg	5 Tubular	\$591
Viper G2 Silver (26" Barrel)	28 Gauge 2.75"	2.36 kg	5 Tubular	\$411
Viper G2 Silver (26" Barrel) w/Recoil Pad	28 Gauge 2.75"	2.41 kg	5 Tubular	\$486
Viper G2 Silver (28" Barrel)	28 Gauge 2.75"	2.45 kg	5 Tubular	\$421
Viper G2 Silver (28" Barrel) w/Recoil Pad	28 Gauge 2.75"	2.5 kg	5 Tubular	\$496
Viper G2 Synthetic (26" Barrel)	12 Gauge 3"	3.08 kg	5 Tubular	\$736
Viper G2 Synthetic (28" Barrel)	12 Gauge 3"	3.12 kg	5 Tubular	\$746
Viper G2 Synthetic (26" Barrel)	20 Gauge 3"	2.77 kg	5 Tubular	\$592
Viper G2 Synthetic (28" Barrel)	20 Gauge 3"	2.81 kg	5 Tubular	\$602
Viper G2 SR Sport	12 Gauge 3"	3.27 kg	5 Tubular	\$756
Viper G2 Camo (24" Barrel)	12 Gauge 3"	3.04 kg	5 Tubular	\$726
Viper G2 Camo (26" Barrel)	12 Gauge 3"	3.08 kg	5 Tubular	\$736
Viper G2 Camo (28" Barrel)	12 Gauge 3"	3.12 kg	5 Tubular	\$746

Viper G2 Youth (24" Barrel)	12 Gauge 3"	2.95 kg	5 Tubular	\$726
Viper G2 Youth (26" Barrel)	12 Gauge 3"	2.95 kg	5 Tubular	\$736
Viper G2 Youth (24" Barrel)	20 Gauge 3"	2.81 kg	5 Tubular	\$582
Viper G2 Youth (26" Barrel)	20 Gauge 3"	2.81 kg	5 Tubular	\$592
Viper G2 Turkey	12 Gauge 3"	3.08 kg	5 Tubular	\$734

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Viper G2 Silver (26", 12 GA)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	5	Nil	65
Viper G2 Silver (26", 12 GA) w/Recoil Pad	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	65
Viper G2 Silver (28", 12 GA)	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	70
Viper G2 Silver (28", 12 GA) w/Recoil Pad	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70
Viper G2 Silver (26", 20 GA)	SA	4/1d6x24 or 2x6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	55
Viper G2 Silver (26", 20 GA) w/Recoil Pad	SA	4/1d6x24 or 2x6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	55
Viper G2 Silver (28", 20 GA)	SA	4/1d6x24 or 2x6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	59
Viper G2 Silver (28", 20 GA) w/Recoil Pad	SA	4/1d6x24 or 2x6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	59
Viper G2 Silver (26", 28 GA)	SA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	7	5	Nil	43
Viper G2 Silver (26", 28 GA) w/Recoil Pad	SA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	7	4	Nil	43
Viper G2 Silver (28", 28 GA)	SA	4/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	7	5	Nil	47
Viper G2 Silver (28", 28 GA) w/Recoil Pad	SA	4/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	7	4	Nil	47
Viper G2 Synthetic (26", 12 GA)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	65
Viper G2 Synthetic (28", 12 GA)	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70
Viper G2 Synthetic (26", 20 GA)	SA	4/1d6x24 or 2x6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	55
Viper G2 Synthetic (28", 20 GA)	SA	4/1d6x24 or 2x6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	59
Viper G2 SR Sport	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	76
Viper G2 Camo (24", 12 GA)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	59
Viper G2 Camo (26", 12 GA)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	65
Viper G2 Camo (28", 12 GA)	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70
Viper G2 Youth (24", 20 GA)	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	50
Viper G2 Youth (26", 20 GA)	SA	4/1d6x24 or 2x6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	55
Viper G2 Turkey	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	59

Ucyldiz Arms Akdal MKA 1919

Notes: Produced in Turkey since 2007 under Ucyldiz and before then by other manufacturers, the Akdal looks like an AR-15 with an oversized barrel and magazine and a Picatinny Rail atop the receiver, complete with removable carrying handle. BUIS also come with the Akdal. The barrel is 19.7 inches, chrome-lined, and tipped with a muzzle designed for interchangeable choke tubes; the native choke is Cylinder, and Modified and Full choke tubes come with the Akdal. The Akdal takes into account the muscle memory of many shooters with the AR-15 platform, and is otherwise easy to use, like an AR-15. Operation is virtually the same as an AR-15, operating by a self-adjusting gas system. Construction of the upper receiver is largely of 7075 aluminum; the lower receiver is a single piece of

polymer, including the pistol grip and stock. The butt has a rubber recoil pad. The Akdal may fire 2.75-inch and 3-inch shells, but the different-length shells each require a separate magazine.

<i>Weapon</i>	<i>Ammunition</i>	<i>Weight</i>	<i>Magazines</i>	<i>Price</i>
Akdal MKA 1919	12 Gauge 2.75" and 3"	2.95 kg	5	\$701

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Akdal MKA 1919 (2.75" Shells)	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	42
Akdal MKA 1919 (3" Shells)	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	48

Charles Daly Field Hunter Semiautomatic

Notes: Manufactured for Charles Daly by Fabarm of Italy, the Field Hunter is a gas-operated semiautomatic shotgun with metal parts made mostly of Ergal-55 aluminum. This metal is strong yet light, making the weapon lightweight yet able to handle magnum shells. The barrel is of chrome-molybdenum steel, strong enough for steel shot, and equipped with MC-3 interchangeable chokes (a set of three different chokes). Furthermore, the barrel may be removed and replaced with a 24-inch rifled barrel for use with slugs. The barrels are equipped with a ventilated sighting rib. The stock and fore-end are made from impact-resistant plastic, either black or in a camouflage pattern (with Field Hunter Camo versions not having a 30-inch barrel option), and having a pistol grip wrist and rubber recoil pad on the butt.

Twilight 2000 Notes: This shotgun does not exist.

<i>Weapon</i>	<i>Ammunition</i>	<i>Weight</i>	<i>Magazines</i>	<i>Price</i>
Field Hunter (24" Barrel)	12 Gauge 2.75" and 3"	3.1 kg	5 Tubular	\$727
Field Hunter (26" Barrel)	12 Gauge 2.75" and 3"	3.17 kg	5 Tubular	\$738
Field Hunter (28" Barrel)	12 Gauge 2.75" and 3"	3.23 kg	5 Tubular	\$748
Field Hunter (30" Barrel)	12 Gauge 2.75" and 3"	3.3 kg	5 Tubular	\$758
(Rifled Barrel)	NA	0.89 kg	NA	\$122

<i>Weapon</i>	<i>ROF</i>	<i>Damage</i>	<i>Pen</i>	<i>Bulk</i>	<i>SS</i>	<i>Burst</i>	<i>Range</i>
Field Hunter (24", 2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	52
Field Hunter (26", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	57
Field Hunter (28", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62
Field Hunter (30", 2.75")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	67
Field Hunter (24", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	59
Field Hunter (26", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	65
Field Hunter (28", 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70
Field Hunter (30", 3")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	76
Field Hunter (Rifled Barrel, 2.75")	SA	6	2-4-Nil	7	5	Nil	82
Field Hunter (Rifled Barrel, 3")	SA	6	2-4-Nil	7	5	Nil	98

Charles Daly Field Slug Semiautomatic

Notes: Though designed specifically for firing shotgun slugs, the short barrel of this shotgun is a smoothbore and is suitable for firing shot shells. The Field Slug has leaf-type folding rear sights and a ramp front sight, with no sighting rib. The furniture of the gun is made from impact-resistant plastic with a pistol grip wrist (black in color); the receiver is of Ergal-55 aluminum, and the barrel of chrome-molybdenum steel. The metalwork may be finished in matte black or nickel-plated.

Twilight 2000 Notes: This shotgun does not exist.

<i>Weapon</i>	<i>Ammunition</i>	<i>Weight</i>	<i>Magazines</i>	<i>Price</i>
Field Slug	12 Gauge 3"	3 kg	5 Tubular	\$642

<i>Weapon</i>	<i>ROF</i>	<i>Damage</i>	<i>Pen</i>	<i>Bulk</i>	<i>SS</i>	<i>Burst</i>	<i>Range</i>
Field Slug	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	54

Charles Daly Maxi-Mag

Notes: This semiautomatic shotgun is called the "Maxi-Mag" due to its chambering, which is for 12 gauge 3.5" shells. (The Maxi-Mag is also capable of chambering and firing 2.75" and 3" shells.) It is designed primarily for turkey hunting, though other hunting is certainly possible. The barrel is relatively short compared to other fowling shotguns, and the shotgun is fairly light and easy to tote around despite the chambering. This is possible due to the construction; stocks are made from synthetic material (overprinted with Realtree Hardwoods HD or Advantage Timber HD camouflage patterns), and many of the other structural parts are made from light steel. The sights are HiViz/TriViz combination Turkey/Deer sights. The stock is supplied with a thick recoil pad on the butt. The weapon is not drilled and tapped for a scope as delivered, the top of the shotgun allows plenty of room to do so if this is desired.

Twilight 2000 Notes: This shotgun does not exist.

<i>Weapon</i>	<i>Ammunition</i>	<i>Weight</i>	<i>Magazines</i>	<i>Price</i>
Maxi-Mag	12 Gauge 2.75", 3", and 3.5"	3.35 kg	7, 7, or 5 Tubular	\$811

<i>Weapon</i>	<i>ROF</i>	<i>Damage</i>	<i>Pen</i>	<i>Bulk</i>	<i>SS</i>	<i>Burst</i>	<i>Range</i>
Maxi-Mag (2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	52
Maxi-Mag (3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	59
Maxi-Mag (3.5")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	7	5	Nil	65

Charles Daly Superior Sport Semiautomatic

Notes: This is a 12 gauge semiautomatic shotgun with interchangeable barrels; one has compensator ports near the muzzle, and one does not. The barrel also has MC-3 interchangeable chokes, and a sighting rib with a fluorescent fiberoptic front sight bead. The metalwork is of chrome-molybdenum steel. The stock is of select Turkish walnut, with a pistol grip wrist. A variant of this shotgun is the Superior Trap; this shotgun has long barrels with compensators, and a Monte Carlo stock. It is otherwise the same as the Superior Sport.

Twilight 2000 Notes: These shotguns do not exist.

<i>Weapon</i>	<i>Ammunition</i>	<i>Weight</i>	<i>Magazines</i>	<i>Price</i>
Superior Sport (28" Barrel)	12 Gauge 3"	3.2 kg	5 Tubular	\$734
Superior Sport (30" Barrel)	12 Gauge 3"	3.25 kg	5 Tubular	\$744
Superior Trap (30" Barrel)	12 Gauge 3"	3.3 kg	5 Tubular	\$769
Superior Trap (32" Barrel)	12 Gauge 3"	3.4 kg	5 Tubular	\$779
Compensated Barrel (28")	NA	0.89 kg	NA	\$167
Compensated Barrel (30")	NA	0.95 kg	NA	\$177

<i>Weapon</i>	<i>ROF</i>	<i>Damage</i>	<i>Pen</i>	<i>Bulk</i>	<i>SS</i>	<i>Burst</i>	<i>Range</i>
Superior Sport (28")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70
Superior Sport (30")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	76
Superior Sport (28", Compensated)	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	70
Superior Sport (30", Compensated)	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	76
Superior Trap (30")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	76
Superior Trap (32")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	9	4	Nil	82

Childers

Notes: The Childers Shotgun was the result of experiments by Special Operations Warfare Center at China Lake to develop a weapon for use by SEAL teams in Vietnam. The Childers was an early example of a semiautomatic box magazine-fed shotgun. The magazine feed was from the top. (There were provisions for belt feeding, but the requisite adaptors were apparently never produced). The weapon was a strange blow-forward-type weapon, gas operated with a fixed bolt and a moving barrel to cycle the weapon and feed the chamber. A variety of special ammunition types were planned, including flares, tear gas, and HE rounds, but none were ever actually produced; other types of special ammunition already existing can be fired from the Childers. Limited quantities were tested by SEALs in Vietnam, but though they liked the firepower, they did not appreciate the bulk and awkwardness of the weapon (especially the top-mounted magazine). It is presented here as an interesting "what-if."

<i>Weapon</i>	<i>Ammunition</i>	<i>Weight</i>	<i>Magazines</i>	<i>Price</i>
Childers	12 Gauge 3"	5.76 kg	10, 20	\$1135

<i>Weapon</i>	<i>ROF</i>	<i>Damage</i>	<i>Pen</i>	<i>Bulk</i>	<i>SS</i>	<i>Burst</i>	<i>Range</i>
Childers	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5/6	3	Nil	36

Destructive Devices DDI-12

Notes: Essentially a US-Made Russian Saiga shotgun, the DDI-12 replaces much of the Saiga's furniture with Magpul furniture, but generally retains the Saiga's design. There are also some modifications, such as the charging handle on the left side of the receiver, an AR-type selector lever, an AR Mil-Spec buffer tube, and a fiberoptic front sight and adjustable peep rear sight. The bolt locks open upon empty. The rear sight is mounted on the receiver cover instead of being forward like on the standard Saiga. The 18.5-inch barrel is chrome-lined, and is not in its standard form tipped with any muzzle device; however, there is a cap which protects threads, allowing the mounting of brakes, flash suppressors, choke types, or other such muzzle attachments. The gas regulator has four positions, allowing reliable firing in different conditions of dirt and fouling or non-standard loads being fired. The sling swivels allow the DDI-12 to use standard or tactical slings. The stock may be a standard polymer AK-type stock, or an M4-type collapsible stock, the handguard is an MOE AK setup, and the pistol grip is a Magpul MOE grip which is ergonomic, rubberized, and has a compartment for batteries or other such small items. The DDI-12 comes with an AK-type lift-side-mounted optics mount.

The DDI-12 can use standard Saiga magazines in addition to those made by DDI and aftermarket polymer, alloy, aluminum, and steel magazines, though some aftermarket magazines have been reported to require minor fitting or modification to fit. (The manufacturer supplies two 5-round magazines.) One advantage of the DDI-12 is that the real-world price is much less than competing designs.

Some shooters have had problems with cracking and breaking bolts, but this does appear to be a rare issue and DDI is quite willing to replace defective bolts and bolt carriers.

<i>Weapon</i>	<i>Ammunition</i>	<i>Weight</i>	<i>Magazines</i>	<i>Price</i>
DDI-12 (Fixed Stock)	12 Gauge 2.75"	3.86 kg	2, 5, 8, 10, 20D	\$578

DDI-12 (Sliding Stock)	12 Gauge 2.75"	4 kg	2, 5, 8, 10, 20D	\$598
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Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
DDI-12 (Fixed Stock)	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	39
DDI-12 (Sliding Stock)	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5/6	4	Nil	39

Genesis Arms Gen 12

Notes: The Gen 12 series was originally designed for the needs of law enforcement and military concerns, and only then were they offered to civilians. Three versions of the Gen 12 require special permission from the government for civilians to own. The standard Gen 12 is based on the AR-10, and the lower is in fact simply a DPMS AR-10 lower, and if you have several versions of the Gen 12, you can swap the uppers out freely, or even put a rifle AR-10 upper on the lower. The Gen 12's operation is much like the abortive Stoner AR-17, using locking lugs on a rotating bolt and operating via short recoil. The barrel recoils a short distance upon firing, and a spring-loaded counterweight slows the barrel travel rearward, reducing felt recoil. The Gen 12's operating system is compatible with anything from 3-inch Magnum loads to 1 1/8-ounce birdshot. The handguards are likewise DPMS handguards, and the barrel free floats within them. There is a mid-length Picatinny Rail atop the receiver and part of the barrel and a short length at the end of the handguards (optionally, a full-length rail can be had); there are M-LOK slots at the 3, 6, and 9 o'clock of the handguards. You have to supply your own optic, and there are no iron sights included with the Gen 12.

Versions with a 10.5-inch and 7-inch barrels; these are the SBM (Suppressors Breacher Model). This has slightly different operation; a breaching shotgun needs often to be placed against the object to be breached, and a reciprocating barrel is not good for breaching. Therefore, the SBM does not have a reciprocating barrel, a weight reciprocates instead. The SBM features a large pepperpot muzzle brake/breaching device.

The PDS (Personal Defense Shotgun) features an even shorter 5-inch barrel, but this is wrapped in a Huxwrx Ventum 12K suppressor; the suppressor can be removed, revealing a very short shotgun barrel for use at point-blank and short ranges. The bare barrel is usually tipped with a large pepperpot muzzle brake. The stock of the PDS is adjustable, but only to two positions, unlike the four of other Gen 12s. The PDS is not compatible with Magnum shells, primarily due to the suppressor not being able to handle that powerful round.

Genesis concedes that not all AR-10 lowers will work with their uppers, and not all 12-gauge magazines will work with a given lower. Genesis publishes a known compatibility list on their web site.

Weapon	Ammunition	Weight	Magazines	Price
Gen 12	12 Gauge 2.75" and 3"	3.52 kg	5	\$793
Gen 12 SBM (10.5" Barrel)	12 Gauge 2.75" and 3"	3.5 kg	5	\$802
Gen 12 SBM (7" Barrel)	12 Gauge 2.75" and 3"	3.31 kg	5	\$783
Gen 12 PDS	12 Gauge 2.75"	3.34 kg	5	\$1243

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Gen 12 (2.75" Shells)	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5/6	4	Nil	40
Gen 12 (3" Shells)	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5/6	4	Nil	46
Gen 12 SBM (10.5", 2.75" Shells)	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	4/5	3	Nil	18
Gen 12 SBM (10.5", 3" Shells)	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	4/5	3	Nil	20
Gen 12 SBM (7", 2.75" Shells)	SA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	3/5	3	Nil	9
Gen 12 SBM (7", 3" Shells)	SA	4/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	3/5	3	Nil	10
Gen 12 PDS (Suppressed)	SA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	3/4	2	Nil	4
Gen 12 PDS (w/o)	SA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	3/4	2	Nil	5

Suppressor)**Harrington & Richardson Excell Auto 5**

Notes: The Excell Auto 5 is a semiautomatic recoil-operated shotgun which is designed for hunting (primarily bird hunting). There are several models, but almost all have a barrel topped by a ventilated sighting rib; this rib comes with bead or fiberoptic sights (depending on the model), and the weapon is fairly lightweight. All have a thick rubber recoil pad. The Excell Auto 5 Synthetic has a 28-inch barrel with four interchangeable chokes (Improved Cylinder, Modified, Improved Modified, and Full) and a synthetic stock and fore-end in black. It has bead sights. The Excell Auto 5 Walnut is virtually identical except for the walnut stock and fore-end, and slightly differing weight and cost (in game terms). The Excell Auto 5 Waterfowl is virtually identical to the Synthetic, except for the camouflage finish to its stock and fore-end, and is identical to the Synthetic for game purposes. The Excell Auto 5 Turkey has a short 22-inch barrel, the same interchangeable chokes, a synthetic camouflage stock and fore-end, and fiberoptic sights instead of a sighting rib. The Excell Auto 5 Combo has a 28-inch shotgun barrel, and an exchange rifled barrel 24 inches long. The shotgun barrel has a sighting rib with a bead front sight; the rifled barrel has fiberoptic sights and no sighting rib. The stock is black synthetic, and when equipped with the shotgun barrel, it is identical to the Synthetic for game purposes.

Twilight 2000 Notes: Introduced in 2005, the Excell Auto 5 does not exist in the Twilight 2000 timeline.

<i>Weapon</i>	<i>Ammunition</i>	<i>Weight</i>	<i>Magazines</i>	<i>Price</i>
Excell Auto 5 Synthetic	12 Gauge 2.75" and 3"	3.18 kg	5 Tubular	\$747
Excell Auto 5 Walnut	12 Gauge 2.75" and 3"	3.27 kg	5 Tubular	\$738
Excell Auto 5 Turkey	12 Gauge 2.75" and 3"	3.04 kg	5 Tubular	\$716
Excell Auto 5 Combo (Shot Barrel)	12 Gauge 2.75" and 3"	3.18 kg	5 Tubular	\$747
Excell Auto 5 Combo (Rifled Barrel)	12 Gauge 2.75" and 3"	3.09 kg	5 Tubular	\$726
Combo Rifled Barrel	N/A	1.14 kg	N/A	\$122

<i>Weapon</i>	<i>ROF</i>	<i>Damage</i>	<i>Pen</i>	<i>Bulk</i>	<i>SS</i>	<i>Burst</i>	<i>Range</i>
Excell Auto 5 Synthetic (2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62
Excell Auto 5 Synthetic (3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70
Excell Auto 5 Walnut (2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62
Excell Auto 5 Walnut (3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70
Excell Auto 5 Turkey (2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	47
Excell Auto 5 Turkey (3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	54
Excell Auto 5 Combo (2.75" Rifled)	SA	6	2-4-Nil	7	5	Nil	82
Excell Auto 5 Combo (3" Rifled)	SA	6	2-4-Nil	7	5	Nil	98

High Standard Supermatic

Notes: The Supermatic is a shotgun designed at the time to be light in weight and inexpensive IRL. It is more commonly known by the numerous companies through which it was sold, such as Sears and JC Higgins. The Supermatic was cheap and it showed -- dirt is the bane of its existence and the metal parts are made of a rare steel alloy which is not used often largely because it is prone to breakage. It has not been made for 30 years, and parts are difficult to find, and often have to be fabricated from scratch (where they do not necessarily mix favorably with the parts already on the gun). Loading and unloading could be problematic, with the magazine tube being difficult to load the last round. Magazine capacity is also not high. However, the Supermatic is not junk; it just takes someone with solid gunsmithing skills. When clean, it shoots very well and accurate. The action is gas-operated semiautomatic; it is also hammerless.

The Supermatic Field is, as might be guessed from the name, designed for hunting and fowling, and a bit long for home defense. It is rather light for its size and recoil can be punishing. In 12 Gauge, the barrels may be 26 inches with improved cylinder choke; 28 inches with either Modified or Full choke; or 30 inches with Full choke. In 20 gauge, barrels are limited to 26 or 28 inches. External metalwork is blued and the stock is plain walnut with a semi-pistol grip. The grip is checkered, while the fore-end has a gripping groove. The butt has a hard rubber plate which is textured for grip. The Supermatic Special is the same as the Field, but has an adjustable choke on the muzzle and a 27-inch barrel.

The Supermatic Deluxe Rib similar to the Field, but is more deluxe, and with a ventilated sighting rib. Only 28-inch barrel versions were made, and for game purposes it is identical to the Field. The Supermatic Trap has only a 30-inch barrel and comes in 12 Gauge magnum only. The Supermatic Trophy differs only in small ways to the Special, and is the same for game purposes; it is the Special for game purposes. The Supermatic Skeet is similar to the Field, but limited to a 26-inch barrel with a Skeet choke. It has a ventilated sighting rib. It comes with a 36-inch barrel with a Full choke in 12 gauge only. The Supermatic Duck is the only member of the series with a recoil pad on the butt, and is the only model which has a version that fires 12 gauge magnum shells. It was made only with a 30-inch barrel with a Full choke. The Supermatic Duck Rib is the same as the Duck, but with a ventilated sighting rib; for game purposes it is identical to the Duck. The Trap is also identical to the Duck for game purposes.'

The Shadow is sort of a deluxe variant, furnished in flat black with dark wood. It has a fore-end ribbed like a pump-action shotgun. Chambering may be regular gauge or magnum gauge. It's butt has a recoil pad.

<i>Weapon</i>	<i>Ammunition</i>	<i>Weight</i>	<i>Magazines</i>	<i>Price</i>
Supermatic Field (26" Barrel)	12 Gauge 2.75"	3.41 kg	4 Tubular	\$607

Supermatic Field (28" Barrel)	12 Gauge 2.75"	3.5 kg	4 Tubular	\$617
Supermatic Field (30" Barrel)	12 Gauge 2.75"	3.58 kg	4 Tubular	\$627
Supermatic Field (26" Barrel)	20 Gauge 2.75"	3.23 kg	4 Tubular	\$476
Supermatic Field (28" Barrel)	20 Gauge 2.75"	3.31 kg	4 Tubular	\$466
Supermatic Field (26" Barrel)	20 Gauge 3"	3.31 kg	3 Tubular	\$505
Supermatic Field (28" Barrel)	20 Gauge 3"	3.41 kg	3 Tubular	\$515
Supermatic Special	12 Gauge 2.75"	3.6 kg	4 Tubular	\$612
Supermatic Special	20 Gauge 2.75"	3.51 kg	4 Tubular	\$481
Supermatic Special	20 Gauge 3"	3.61 kg	3 Tubular	\$502
Supermatic Duck	12 Gauge 3"	3.69 kg	3 Tubular	\$662

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Supermatic Field (12 GA, 2.75", 26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	3	Nil	57
Supermatic Field (12 GA, 2.75", 28")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62
Supermatic Field (12 GA, 2.75", 30")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	67
Supermatic Field (20 GA, 2.75", 26")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	48
Supermatic Field (20 GA, 2.75", 28")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	59
Supermatic Field (20 GA, 2.75", 27")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	6	Nil	59
Supermatic Special (20 GA, 2.75", 27")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	50
Supermatic Special (20 GA, 3", 27")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	60
Supermatic Duck (12 GA, 3", 30")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	79

High Standard M-10A/M-10B

Notes: The M-10A and M-10B are the Flite King shotguns turned into bullpup designs. The Flite King has had its stock removed and the action encased in a high-impact plastic shell. The shell is designed to allow the weapon to be easily fired one-handed or two-handed, and it is a short, handy weapon. A big minus is the small magazine; it is a tubular underbarrel magazine holding only 4 rounds. Another minus is that the M-10 can be rather unreliable, especially when firing non-magnum rounds. The difference between the M-10A and M-10B are that the M-10A has an integral carrying handle, while the M-10B has a folding carrying handle. There are a few police departments using the M-10, but most are curiosity items in the hands of collectors.

Weapon	Ammunition	Weight	Magazines	Price
M-10	12 Gauge (2 1/2", 2 3/4")	3.63 kg	4 Tubular	\$560

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-10 (2 1/2")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	4	4	Nil	36
M-10 (2 3/4")	SA	4/1d6x24 or 2d6x8	2-3-Nil/Nil or 1-Nil	4	4	Nil	35

High Standard M-60

Notes: Also known as the "HS-60" and "High Standard Riot Gun," the Model 60 was designed by Bob Hillberg shortly after World War 2 for military, police, and home defense use. (The Model 60 was actually first sold in 1954 by Sears, and was known as the JC Higgins Model 60 for about the first year.) Bob Hillberg was one of the first firearms designers to make gas operation in a shotgun work properly, and the Model 60 was one of his first commercial designs.

The Model 60 was based on the pump-action Model 20, but of course heavily-modified internally for use with the semiautomatic gas operation system. However, the stock, barrel, bolt, and trigger mechanism are identical to that of the Model 20, and the receiver virtually identical. The gas operation caused less felt recoil, at a time when most semiautomatic shotguns were recoil-operated and had a lot of kick.

The Model 60 had virtually no sales to the military (despite the fact that a version specifically designed for the military was developed), and most sales went to police departments and civilians. Metalwork was of steel, with a walnut buttstock and fore-end. The standard barrel is 18 inches, but many have turned up with 18.5 inches. The origin of these versions is unknown (the Model 60 was never built by High Standard with an 18.5-inch barrel), but it is believed that the slight barrel extension may have been made by local gunsmiths to satisfy certain local regulations in California for civilian shotguns at the time. Many are also found with their tubular magazines plugged at 4 rounds (or less), the plug is removable by anyone with Gunsmithing skill; the task is Difficult.

Weapon	Ammunition	Weight	Magazines	Price
M-60 (18" Barrel)	12 Gauge 2.75"	3.63 kg	7 Tubular	\$622
M-60 (18.5" Barrel)	12 Gauge 2.75"	3.64 kg	7 Tubular	\$625

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-60 (18")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	38
M-60 (18.5")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	39

Ithaca Mag-10

Notes: The Mag-10 was built from the early 1970s to the mid-1980s. The Mag-10 was designed for law enforcement, to provide antivehicular stopping power and to put a definite hurt on criminals. However, it has seen large use by criminals against police; for example, it is good for shooting a hole in a door to kill police who are outside. It is a gas-operated weapon, which can digest most 10-gauge super magnum loads and types. It is also a heavy shotgun, and the huge ammunition means a small magazine. The stock is simple walnut, with shallow semi-pistol grip and checkering on that and the fore-end. The butt has a recoil pad. Metal finish is deep blued. The barrel is 32 inches. The Mag-10 Deluxe has better quality wood and finish, the Mag-10 Deluxe even more so. The Roadblocker has a 21-inch barrel, a vapor-blasted finish on the metalwork, and a plain stock.

Weapon	Ammunition	Weight	Magazines	Price
Mag-10	10 Gauge 3.5"	5.22 kg	3 Tubular	\$992
Mag-10 Roadblocker	10 Gauge 3.5"	4.9 kg	3 Tubular	\$909

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Mag-10	SA	5/1d6x44 or 2d6x12 or 3d6x4	2-4-Nil/Nil or Nil or 1-Nil	9	4	Nil	64
Mag-10 Roadblocker	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	7	4	Nil	41

Kalashnikov USA Komrad

Notes: Based upon the Saiga shotgun, the Komrad was one of the first new firearms produced by Kalashnikov Concern's new operation in the US, and is designed and built in the US, with little sales so far being made outside of the US. Though technically (by US law) a pistol, the Komrad is in effect a short-barreled shotgun.

The barrel of the Komrad is a short 12.5 inches, and the "stock" is a pistol brace. The muzzle is threaded inside and out for use with muzzle brakes or a variety of choke tubes. (As with most such "pistols," the brace can easily be replaced with a stock, and can actually be used as a somewhat uncomfortable stock.) The brace is side-folding. As a Saiga clone, the Komrad uses a modified AKM gas piston system, but on the Komrad the gas system is also adjustable to allow for different loads and ammunition types to be fired without a hiccup. (Kalashnikov USA does say that the best ammunition for the Komrad are types that produce about 410 meters per second of velocity.) Most of the furniture is of polymer, and the handguards have a barrel-length Picatinny Rail under the handguard, and a trio of one-third-length rails at the front of the handguard on the top and sides. The Komrad is equipped with a pistol grip and a fore-end grip. Sights consist of a simple front bead and rear notch. The standard magazine for the Komrad is a polymer 5-round magazine, but the Komrad may also use Saiga 10-round magazines.

Twilight 2000 Notes: This weapon does not exist in the Twilight 2000 or Twilight 2013 timelines.

Weapon	Ammunition	Weight	Magazines	Price
Komrad	12 Gauge 2.75" and 3"	5.44 kg	5, 10	\$609

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Komrad (Hand-Held, 2.75")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	3	4	Nil	19
Komrad (Brace, 2.75")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	3/4	3	Nil	21
Komrad (Stock, 2.75")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	3/4	3	Nil	23
Komrad (Hand-Held, 3")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	3	4	Nil	21
Komrad (Brace, 3")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	3/4	3	Nil	23
Komrad (Stock, 3")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	3/4	3	Nil	25

Legion USA Vepr 12

Notes: Like the Fime Group/Molot Vepr shotgun, the Legion Vepr 12 series has a lot of similarities with the Russian Vepr 12, but also has a lot of differences. Most prominent among these differences are the stocks and the polymer furniture. Legion's shotguns are given "Legion Tuning," a sort of hand-fitting.

The base Vepr 12 uses polymer Zenitico B-20U handguards and an ergonomic polymer pistol grip. The top of the receiver has a MIL-STD-1913 rail, behind the rear sight. In front of the sight on the handguard is also another stretch of rail, and on the bottom on the handguard is another length of rail. On each side of the handguard at the front is a short MIL-STD-1913 rail. The 19-inch barrel has a chromed bore and is tipped with a beefy GK-02 muzzle brake which is part of the choke and is designed for shotguns. This muzzle brake is threaded and may be removed or replaced. The stock folds and has a cheek pad and rubber butt, though it is strut-type metal otherwise. Like all Vepr shotguns, the Legion Vepr 12 has a disconnecter that prevents the shotgun from being fired with the stock folded. The selector lever is positioned to be actuated by the firing hand and is easy to move, yet locks in each position. The trigger is an ALG trigger which is lighter than the standard Russian Vepr trigger (3.5 pounds pull weight) as well as being crisper. The magazine sold with the shotgun is a 5-round polymer magazine, though it can take any sort of Vepr shotgun magazine. Finish is semigloss black.

The Lux Edition is basically a finely-made version, with handguards and pistol grip of Grade I oil-finished walnut, hand-fitting, and a non-folding stock which is otherwise like that of the base Vepr 12. The 19-inch barrel is hand-fitted, cold-hammer forged, and laser boresighted and is tipped by the same GL-02 muzzle brake as the Vepr 12, also threaded. The ALG trigger is used. It has the MIL-STD-1913 rail atop its receiver, but not on the handguards.

The ALFA-S is an SBR version of the Vepr 12 – sort-of. The barrel is 14 inches, but the SUATEV muzzle brake adds four inches to the barrel, making the barrel length legal. For this reason, the muzzle brake is permanently-mounted. The stock is the same as on the Vepr 12, and is folding. Other equipment includes a red dot reflex sight mounted on the rear of the receiver rail. The ALFA-S Fixed Stock is identical to the standard ALFA-S, including the stock, but the stock is non-folding. The VPO-205-SUT03SB is essentially the same, but uses an M4-type collapsible stock instead of the non-folding stock of the ALFA-S.

The VPO-205-LHRB is also similar, though a little less so; the biggest difference are the round 13-inch handguards made of carbon fiber. Because of this, the MIL-STD-1913 rail layout is different – the receiver cover has a rail, and in front of the front sight is also a length of rail that is longer than the rest of the Vepr 12 series. There are no rails underneath or on the sides of the handguard. The stock is the same as on the Vepr 12, and is non-folding.

The VPO-205-Red-ZS is, as the designation indicates, a special edition with red handguards, red muzzle brake, and with special red 10-round magazines (though other magazines will also fit this version). The trigger is also red, and the tube supporting the sliding Hogue stock is red. The barrel is 19 inches, laser boresighted, and cold-hammer forged; it is tipped with a SUATEV muzzle brake. The Red-ZS is sort of a deluxe version of the Legion Vepr 12, with a better barrel that is also hand-fitted. The top of the receiver and the sides and bottom of the receiver have MIL-STD-1913 rails, but the rail in front of the rear sight is absent. The pistol grip is a Hogue rubber overmolded grip. What is not finished in red Cerekote is finished in black.

Weapon	Ammunition	Weight	Magazines	Price
Vepr 12	12 Gauge 3"	4.08 kg	4, 5, 8, 10, 25D	\$681
Vepr 12 Lux Edition	12 Gauge 3"	4.08 kg	4, 5, 8, 10, 25D	\$669
Vepr 12 ALFA-S	12 Gauge 3"	3.67 kg	4, 5, 8, 10, 25D	\$978
Vepr 12 ALFA-S Fixed Stock	12 Gauge 3"	3.67 kg	4, 5, 8, 10, 25D	\$958
Vepr 12 VPO-205- Red-ZS	12 Gauge 3"	3.68 kg	4, 5, 8, 10, 25D	\$701
Vepr 12 VPO-205- SUT03SB	12 Gauge 3"	3.58 kg	4, 5, 8, 10, 25D	\$978
Vepr 12 VPO-205- LHRB	12 Gauge 3"	4.04 kg	4, 5, 8, 10, 25D	\$958

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Vepr 12	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	47
Vepr 12 Lux Edition	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	48
Vepr 12 ALFA-S	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5/6	2	Nil	31
Vepr 12 ALFA-S Fixed Stock	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	2	Nil	31
Vepr 12 VPO-205- Red-ZS	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5/7	3	Nil	48
Vepr 12 VPO-205- SUT03SB	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5/6	2	Nil	31
Vepr 12 VPO-205- LHRB	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	2	Nil	31

Mitchell Sabre MS-2115

Notes: This is a somewhat fancier Mitchell shotgun, semiautomatic and with a 22-inch barrel. The barrel has an aiming rib and the shotgun is normally sold with barrel adapters that allow for full, modified, or extra full chokes. The Escalade and Sabre are very similar, otherwise.

Twilight 2000 Story: This weapon does not exist.

Weapon	Ammunition	Weight	Magazines	Price
Sabre	12 Gauge 2.75" & 3"	2.27 kg	7 Tubular	\$629

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Sabre (2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	47
Sabre (3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	5	Nil	45

Mossberg M-712

Notes: The M-712 replaced the M-5500 in the Mossberg line of semiautomatic shotguns. Instead of being an improvement of modification of the M-5500, the M-712 instead uses a modification of the Mossberg's M-1000 shotgun's gas system. While the M-712 was not designed as a combat shotgun, it is quite flexible in its ability to digest different types of ammunition, comes in several standard barrel lengths, wood or synthetic stocks, and with several different types of sights from rifle-type to ventilated sighting ribs. In addition, virtually all of the barrels, stocks, and accessories which may be used by the M-500 can also be mounted on the M-712 (though, as far as I know, it cannot be made into a Camper or Bullpup version). The standard barrels for the M-712 (which may be 24, 28, or 30 inches) may accept Mossberg's Accu-Choke II interchangeable chokes, making just about any sort of choke available. Extended magazines are also commonly available for the M-712, with capacities of up to 9 rounds. Metalwork is steel, with a variety of finishes available (including camouflage); the stocks, if synthetic, may also have a variety of colors.

A special version, the M-712 Slug, has a 24-inch barrel which is drilled and tapped for scope mount. It is identical to a 24-inch-barrel version of the M-712 for game purposes.

Weapon	Ammunition	Weight	Magazines	Price
M-712 (18.5" Barrel)	12 Gauge 2.75" and 3"	3.08 kg	4 Tubular	\$695
M-712 (20" Barrel)	12 Gauge 2.75" and 3"	3.11 kg	4 Tubular	\$703
M-712 (24" Barrel)	12 Gauge 2.75" and 3"	3.18 kg	4 Tubular	\$723
M-712 (25" Barrel)	12 Gauge 2.75" and 3"	3.2 kg	4 Tubular	\$728
M-712 (26" Barrel)	12 Gauge 2.75" and 3"	3.22 kg	4 Tubular	\$733
M-712 (28" Barrel)	12 Gauge 2.75" and 3"	3.26 kg	4 Tubular	\$743
M-712 (30" Barrel)	12 Gauge 2.75" and 3"	3.3 kg	4 Tubular	\$753
M-712 (28" Barrel)	12 Gauge 2.75" and 3"	3.44 kg	4 Tubular	\$794

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-712 (2.75", 18.5")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	39
M-712 (3", 18.5")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	45
M-712 (2.75", 20")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	43
M-712 (3", 20")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	49
M-712 (2.75", 24")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	52
M-712 (3", 24")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	59
M-712 (2.75", 25")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	54
M-712 (3", 25")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	62
M-712 (2.75", 26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	57
M-712 (3", 26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	65
M-712 (2.75", 28")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62
M-712 (3", 28")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70
M-712 (2.75", 30")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	67
M-712 (3", 30")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	76
M-712 (2.75", 38")	SA	5/1d6x40 or 2d6x8 or 3d6x4	2-4-Nil/Nil or 1-Nil or 1-Nil	10	5	Nil	88
M-712 (3", 38")	SA	5/1d6x40 or 2d6x12 or 3d6x4	2-4-Nil/Nil or 1-Nil or 1-Nil	10	5	Nil	100

Mossberg M-930 SPX

Notes: This shotgun, an evolution of earlier Mossberg designs, is designed for police and military concerns as well as home defense. It is part a family of designs which include hunting and skeet/trap versions. The SPX differs from them by being all-business in design instead of having the sort of feature set that might be found on hunting or target weapons, and in being designed for conventional as well as magnum ammunition. It is short, with high capacity.

The SPX is clad almost entirely in black, with black synthetic furniture and black external metalwork. The fore-end and pistol grip

wrist have checkered surfaces and the fore-end has a swelled underside. The butt has a ventilated recoil pad. Atop the receiver is a MIL-STD-1913 rail for optics; the iron sights is a ghost ring rear and a low front fiberoptic post sight. Controls are oversized, with a centrally-mounted tang fire selector which is also oversized. The SPX does not, however, have a front-mounted sling swivel, causing the need for an aftermarket kit if one wants a sling. Barrel length is 18.5 inches, and there is no provision for interchangeable chokes; the standard choke is Cylindrical. Versions exist which are ported to further reduce recoil. The SPX can take any sort of ammunition, including riot control, exotic, and subloaded and hot-loaded ammunition. Operation is via a self-regulating gas system, with the gas system adjusting for fouling and other dirt concerns, helps keep down stress to other firing components, and helps mitigate recoil.

In 2012, Salient Arms, with Mossberg's approval, introduced its own modified version of the M-930SPX. One of its features is its ability to take interchangeable chokes, and is therefore able to fire any choke type usable by a Mossberg shotgun. The barrel is 18 inches long, with a vent sighting rib, or 18.5 inches long, rifled, and with a solid sighting rib; another version is designed for 3-Gun competition and has a 22-inch barrel with a vent sight rib. A fourth version is the same, but has a 24-inch barrel and an extended magazine and using speed loaders, and a red-dot optic.

The Salient package of improvements include a lightened and coated bolt, beveled loading port, trigger adjustments, polished and tuned internal mechanism, a new magazine spring, and a Teflon-coated follower. Atop the receiver is a section of MIL-STD-1913 rail, just enough to mount just about any optic most shooters will want. All have a thick rubber recoil pad, though some hot-loaded 3" rounds will still exhibit severe felt recoil. The shotguns can take a full magazine, plus one in the chamber, plus one on the lifter.

New for 2016 is the M-930 Pro Series. There are three types in this series: the Sporting, Waterfowl, and Jerry Miculek Competition. They differ from the standard M-930SPX in having boron nitride coated working parts for greater wear resistance, carefully-measured and slicked-up shell stops, and stocks adjustable for drop. The Sporting has a Cerekote metal finish and is designed specifically for clays shooting, with a fast-loading feature, satin-finished walnut stock with a thick recoil pad, HiViz rear sights, TriComp fiberoptic front sights (interchangeable for color), a ventilated sighting rib, and a set of three Briley choke tubes (Skeet, Improved Cylinder, and Modified). The Sporting Gun has a 28-inch barrel. The Waterfowl is similar, but has the choice of a Mossy Oak Shadowgrass Blades Camo Pattern all over the external surfaces. For game purposes, it is identical to the Sporting gun. The Jerry Miculek gun uses shorter barrels (22 and 24 inches), and has a number of other refinements including a fast-cycling gas system (no effect in game terms), a beveled loading gate for faster reloading (shooter may reload 4 rounds per phase), a trigger adjustable for overtravel, and a knurled charging handle for faster actuation. Other refinements are as the Sporting gun. Furniture is synthetic, either black or Kryptek Typhon. External metalwork is matte blued Cerakote. They all have huge extended magazines and muzzle brakes designed for use with shotguns; the extended magazine projects far beyond the muzzle. The Ventilated sighting rib is removable, allowing for the use of other types of sights. Due to the muzzle brake installation, interchangeable choke tubes are not normally supplied, though the brake can be removed.

Weapon	Ammunition	Weight	Magazines	Price
M-930 SPX	12 Gauge 2.75" & 3"	3.4 kg	8 Tubular	\$704
M-930 SPX (Ported)	12 Gauge 2.75" & 3"	3.4 kg	8 Tubular	\$729
Salient M-930 (18" Barrel)	12 Gauge 2.75" & 3"	3.37 kg	8 Tubular	\$660
Salient M-930 (18.5" Barrel)	12 Gauge 2.75" & 3"	3.39 kg	8 Tubular	\$697
Salient M-930 (22" Barrel)	12 Gauge 2.75" & 3"	3.53 kg	8 Tubular	\$726
Salient M-930 (24" Barrel)	12 Gauge 2.75" & 3"	3.69 kg	8 Tubular	\$874
M-930 Pro Sporting	12 Gauge 2.75" & 3"	3.52 kg	5 Tubular	\$734
M-930 Jerry Miculek Pro (22" Barrel)	12 Gauge 2.75" & 3"	3.52 kg	9 Tubular	\$905
M-930 Jerry Miculek Pro (24" Barrel)	12 Gauge 2.75" & 3"	3.52 kg	10 Tubular	\$915

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-930 SPX (2.75")	SA	4/1d6x24 or 2d6x8	2-3-Nil/Nil or 1-Nil	6	4	Nil	38
M-930 SPX (3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	45
M-930 SPX Ported (2.75")	SA	4/1d6x24 or 2d6x8	2-3-Nil/Nil or 1-Nil	6	3	Nil	38
M-930 SPX Ported (3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	3	Nil	45
Salient M-930 (18", 2.75")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	38
Salient M-930 (18", 3")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	46
Salient M-930 (18.5" Rifled, 2.75")	SA	6	2-4-Nil	6	5	Nil	54
Salient M-930 (18.5" Rifled, 3")	SA	7	1-3-5	6	5	Nil	64

Salient M-930 (22", 2.75")	SA	4/1d6x28 or 2x6x8	2-3-Nil/Nil or Nil	7	4	Nil	47
Salient M-930 (22", 3")	SA	4/1d6x28 or 2x6x8	2-3-Nil/Nil or Nil	7	4	Nil	54
Salient M-930 (24", 2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	52
Salient M-930 (24", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	62
M-930 Pro Sporting (2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62
M-930 Pro Sporting (3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70
M-930 Jerry Miculek Pro (22", 2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	2	Nil	47
M-930 Jerry Miculek Pro (22", 3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	2	Nil	54
M-930 Jerry Miculek Pro (24", 2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	8	2	Nil	52
M-930 Jerry Miculek Pro (24", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	2	Nil	59

Mossberg M-935 Magnum

Notes: Designed specifically for hunting, this is a semiautomatic recoil-operated shotgun. It is designed specifically for magnum loadings; due to the recoil operation, 2.75-inch shells are not recommended by Mossberg, but weapon experts have discovered that high-brass, heavy loadings in 2.75" shells will properly cycle the recoil mechanism. A line for 2.75" shells is shown below, but unless this sort of special 2.75-inch loading is used, the M-935 has a 25% chance per shot fired to jam. The stock and fore-end of the M-935 are made of synthetics, with a checkered pistol grip wrist and fore-end. The butt has a thick rubber recoil pad. The entire gun is finished in a camouflage pattern (many are available), including the barrel and receiver cover. The M-935 is equipped with interchangeable chokes for Full, Modified, and Improved Cylinder. The barrel is vented near the muzzle to further reduce felt recoil. There are several versions available: The M-935 Waterfowl has either a 26 or 28-inch barrel and a sighting rib above the barrel; the Flyaway has a 28-inch barrel only and has fixed chokes of the customer's choice (and is identical to the 28-inch-barrel version of the Waterfowl for game purposes); the Turkey gun has a 24-inch barrel, a fixed choke of Ultra-Full, and adjustable front and rear fiberoptic sights; the Grand Slam Turkey is similar, but has a 22-inch barrel, and a padded sling.

Twilight 2000 Notes: This shotgun does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
M-935 Magnum Waterfowl (26" Barrel)	12 Gauge 2.75"* , 3" , and 3.5"	3.53 kg	5 (2.75" , 3") , 4 (3.5") ; Tubular	\$841
M-935 Magnum Waterfowl (28" Barrel)	12 Gauge 2.75"* , 3" , and 3.5"	3.57 kg	5 (2.75" , 3") , 4 (3.5") ; Tubular	\$851
M-935 Magnum Turkey	12 Gauge 2.75"* , 3" , and 3.5"	3.5 kg	5 (2.75" , 3") , 4 (3.5") ; Tubular	\$831
M-935 Magnum Grand Slam Turkey	12 Gauge 2.75"* , 3" , and 3.5"	3.46 kg	5 (2.75" , 3") , 4 (3.5") ; Tubular	\$821

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-935 Magnum Waterfowl (26" , 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	3	Nil	57
M-935 Magnum Waterfowl (28" , 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	3	Nil	62
M-935 Magnum Waterfowl (26" , 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	3	Nil	65
M-935 Magnum Waterfowl (28" , 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	3	Nil	70
M-935 Magnum Waterfowl (26" , 3.5")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	71
M-935 Magnum Waterfowl (28" , 3.5")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	77
M-935 Magnum Turkey (2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	8	3	Nil	52
M-935 Magnum Turkey (3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	3	Nil	59
M-935 Magnum Turkey (3.5")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	65
M-935 Magnum Grand Slam Turkey (2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	47
M-935 Magnum Grand Slam Turkey (3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	54
M-935 Magnum Grand Slam Turkey (3.5")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	60

*The M-935 requires special loads to reliably cycle 2.75-inch shells; see the Notes section above.

Mossberg M-5500

Notes: This model of shotgun was added to the Mossberg line in 1983, and then quickly withdrawn, being out of production by 1986. A "Mk II" version was introduced in 1988, with several reliability improvements as well as an increased ability to accept a variety of optics and after-market add-ons, but it too was off the market by the mid-1990s. (For game purposes, the two are identical.)

The M-5500 is basically a variant of the Mossberg M-500. The Model 5500 was primarily designed for sporting and due to its small magazine is not really suitable for combat use. Various barrel lengths are available, but the 4-round tubular magazine was standard for all versions, though a variety of extended magazines with capacities of up to 9 rounds are available. Magnum and standard-length cartridge versions were built, though they are separate versions of the M-5500. The furniture of the M-5500 is synthetic, with metalwork being largely of various grades of steel. The reliability of the M-5500 is considered excellent, as is the workmanship, and those found today still function just as well. Unfortunately, the small standard magazines limited their sales.

Nonetheless, Mossberg did come out with a stockless version for home defense and police use (the Cruiser) with an 18.5-inch barrel, and a "combat" model known as the Guardian (that is not significantly different from the standard 5500 other than a shorter barrel length of 18.5 inches). Folding stock versions (based on the Cruiser) are also seen regularly, though these are the result of after-market modifications and not of Mossberg manufacture.

Weapon	Ammunition	Weight	Magazines	Price
M-5500 (22" Barrel)	12 Gauge 2.75"	3.25 kg	4 Tubular	\$597
M-5500 (24" Barrel)	12 Gauge 2.75"	3.29 kg	4 Tubular	\$607
M-5500 (28" Barrel)	12 Gauge 2.75"	3.37 kg	4 Tubular	\$627
M-5500 (30" Barrel)	12 Gauge 2.75"	3.41 kg	4 Tubular	\$637
M-5500 (22" Barrel)	12 Gauge 3"	3.34 kg	4 Tubular	\$638
M-5500 (24" Barrel)	12 Gauge 3"	3.38 kg	4 Tubular	\$648
M-5500 (28" Barrel)	12 Gauge 3"	3.48 kg	4 Tubular	\$668
M-5500 (30" Barrel)	12 Gauge 3"	3.51 kg	4 Tubular	\$678
M-5500 Guardian	12 Gauge 2.75"	3.18 kg	4 Tubular	\$579
M-5500 Guardian	12 Gauge 3"	3.27 kg	4 Tubular	\$620
M-5500 Cruiser	12 Gauge 2.75"	2.68 kg	4 Tubular	\$549
M-5500 Cruiser	12 Gauge 3"	2.88 kg	4 Tubular	\$590

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-5500 (22", 2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	47
M-5500 (24", 2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	52
M-5500 (28", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
M-5500 (30", 2.75")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	67
M-5500 (22", 3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	54
M-5500 (24", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	59
M-5500 (28", 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	70
M-5500 (30", 3")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	76
M-5500 Guardian (2.75")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	39
M-5500 Guardian (3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	45
M-5500 Cruiser (2.75")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	4	6	Nil	33
M-5500 Cruiser (3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5	6	Nil	37

Mossberg M-9200

Notes: The civilian M-9200 shotgun was introduced in 1992. It was designed for those who have a lot of problems with the recoil of traditional shotguns, and therefore has not only a thick rubber recoil pad on the butt, but Mossberg's "Soft Shooting System," which is a mechanism that further decreases felt recoil. This also allows the use of many different standard and Magnum loads.

The M-9200 has metalwork largely of steel (except for minor parts like the trigger guard, and furniture of walnut or synthetic material. (Synthetic stocks and fore-ends are standard, however). A Bantam stock can also be had for smaller shooters; this stock has a 1-inch shorter length of pull. Finishes for the metalwork include a matte black finish which Mossberg calls the "Viking" finish, blued, Parkerized, stainless "Marine" finish, and several camouflage patterns. Colors for wooden furniture range from a light tan to dark red; finishes for synthetic furniture is normally black or in a variety of camouflage patterns. Sights range from a ventilated sighting rib with a bead near the muzzle to rifle-type sights and Ghost Ring sights. There are several barrel lengths available, and there is also a Trophy Slug variant of the M-9200 with a 24-inch rifled barrel (and is, in effect, a large-caliber rifle, through which firing shot is not recommended). This model has fully-adjustable Ghost Ring-type sights, and is available only with a synthetic stock.

The M-9200A1 is a military version of the M-9200. It was used extensively by US Special Forces operating in Central and South America during the US involvement in Central America and Columbia, and thus acquired the nickname "jungle gun." The primary differences between the civilian and military models are the folding stock (fixed stock versions are also made), the extended magazine, and the gas system, modified to accept a wide variety of standard ammunition types.

The M-9200A1 was tuned especially for military 2.75-inch 12 gauge loads, and while it can use a wide variety of 2.75" loads and special ammunition, it is not designed for Magnum ammunition. (That said, one can chamber and fire Magnum ammunition through an M-9200A1, but it will eventually destroy the gun.) The finish is in non-reflective black or dark green (or camouflage), and the sights are adjustable rifle-types. The trigger housing is of aircraft-quality aluminum, while the furniture is synthetic (except for the folding stock, which is largely of aluminum alloy with a rubber butt). The M-9200A1 uses an 18.5-inch barrel, and the folding-stock version is

available only to military, police, or government concerns.

Weapon	Ammunition	Weight	Magazines	Price
M-9200 (Wood Stock, 24" Barrel)	12 Gauge 2.75" and 3"	3.39 kg	4 Tubular	\$750
M-9200 (Synthetic Stock, 24" Barrel)	12 Gauge 2.75" and 3"	3.32 kg	4 Tubular	\$760
M-9200 (Wood Stock, 26" Barrel)	12 Gauge 2.75" and 3"	3.43 kg	4 Tubular	\$761
M-9200 (Synthetic Stock, 26" Barrel)	12 Gauge 2.75" and 3"	3.36 kg	4 Tubular	\$771
M-9200 (Wood Stock, 28" Barrel)	12 Gauge 2.75" and 3"	3.47 kg	4 Tubular	\$771
M-9200 (Synthetic Stock, 28" Barrel)	12 Gauge 2.75" and 3"	3.4 kg	4 Tubular	\$781
M-9200 Trophy Slug	12 Gauge 2.75" and 3"	3.35 kg	4 Tubular	\$764
M-9200A1 (Fixed Stock)	12 Gauge 2.75" and 3"	3.52 kg	8 Tubular	\$734
M-9200A1 (Folding Stock)	12 Gauge 2.75" and 3"	3.52 kg	8 Tubular	\$867

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-9200 (24", 2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	52
M-9200 (24", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	59
M-9200 (26", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	57
M-9200 (26", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	3	Nil	65
M-9200 (28", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	3	Nil	62
M-9200 (28", 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	70
M-9200 Trophy Slug (2.75")	SA	6	2-4-Nil	7	5	Nil	82
M-9200 Trophy Slug (3")	SA	6	2-4-Nil	7	5	Nil	99
M-9200A1 (Fixed, 2.75")	SA	4/1d6x24 or 2d6x8	2-3-Nil/Nil or 1-Nil	6	3	Nil	39
M-9200A1 (Fixed, 3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or 1-Nil	6	3	Nil	45
M-9200A1 (Folding, 2.75")	SA	4/1d6x24 or 2d6x8	2-3-Nil/Nil or 1-Nil	5/6	3	Nil	39
M-9200A1 (Folding, 3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or 1-Nil	5/6	3	Nil	45

Mitchell Sabre MS-2115

Notes: This is a somewhat fancier Mitchell shotgun, semiautomatic and with a 22-inch barrel. The barrel has an aiming rib and the shotgun is normally sold with barrel adapters that allow for full, modified, or extra full chokes. The Escalade and Sabre are very similar, otherwise.

Twilight 2000 Story: This weapon does not exist.

Weapon	Ammunition	Weight	Magazines	Price
Sabre	12 Gauge 2.75" & 3"	2.27 kg	7 Tubular	\$629

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Sabre (2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	47
Sabre (3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	5	Nil	45

Mossberg M-712

Notes: The M-712 replaced the M-5500 in the Mossberg line of semiautomatic shotguns. Instead of being an improvement of modification of the M-5500, the M-712 instead uses a modification of the Mossberg's M-1000 shotgun's gas system. While the M-712 was not designed as a combat shotgun, it is quite flexible in its ability to digest different types of ammunition, comes in several standard barrel lengths, wood or synthetic stocks, and with several different types of sights from rifle-type to ventilated sighting ribs. In addition, virtually all of the barrels, stocks, and accessories which may be used by the M-500 can also be mounted on the M-712 (though, as far as I know, it cannot be made into a Camper or Bullpup version). The standard barrels for the M-712 (which may be 24, 28, or 30 inches) may accept Mossberg's Accu-Choke II interchangeable chokes, making just about any sort of choke available. Extended magazines are also commonly available for the M-712, with capacities of up to 9 rounds. Metalwork is steel, with a variety of finishes available (including camouflage); the stocks, if synthetic, may also have a variety of colors.

A special version, the M-712 Slug, has a 24-inch barrel which is drilled and tapped for scope mount. It is identical to a 24-inch-barrel version of the M-712 for game purposes.

Weapon	Ammunition	Weight	Magazines	Price
M-712 (18.5" Barrel)	12 Gauge 2.75" and 3"	3.08 kg	4 Tubular	\$695
M-712 (20" Barrel)	12 Gauge 2.75" and 3"	3.11 kg	4 Tubular	\$703
M-712 (24" Barrel)	12 Gauge 2.75" and 3"	3.18 kg	4 Tubular	\$723
M-712 (25" Barrel)	12 Gauge 2.75" and 3"	3.2 kg	4 Tubular	\$728
M-712 (26" Barrel)	12 Gauge 2.75" and 3"	3.22 kg	4 Tubular	\$733
M-712 (28" Barrel)	12 Gauge 2.75" and 3"	3.26 kg	4 Tubular	\$743
M-712 (30" Barrel)	12 Gauge 2.75" and 3"	3.3 kg	4 Tubular	\$753

M-712 (28" Barrel)	12 Gauge 2.75" and 3"	3.44 kg	4 Tubular	\$794
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Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-712 (2.75", 18.5")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	39
M-712 (3", 18.5")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	45
M-712 (2.75", 20")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	43
M-712 (3", 20")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	49
M-712 (2.75", 24")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	52
M-712 (3", 24")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	59
M-712 (2.75", 25")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	54
M-712 (3", 25")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	62
M-712 (2.75", 26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	57
M-712 (3", 26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	65
M-712 (2.75", 28")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62
M-712 (3", 28")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70
M-712 (2.75", 30")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	67
M-712 (3", 30")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	76
M-712 (2.75", 38")	SA	5/1d6x40 or 2d6x8 or 3d6x4	2-4-Nil/Nil or 1-Nil or 1-Nil	10	5	Nil	88
M-712 (3", 38")	SA	5/1d6x40 or 2d6x12 or 3d6x4	2-4-Nil/Nil or 1-Nil or 1-Nil	10	5	Nil	100

Mossberg M-930 SPX

Notes: This shotgun, an evolution of earlier Mossberg designs, is designed for police and military concerns as well as home defense. It is part a family of designs which include hunting and skeet/trap versions. The SPX differs from them by being all-business in design instead of having the sort of feature set that might be found on hunting or target weapons, and in being designed for conventional as well as magnum ammunition. It is short, with high capacity.

The SPX is clad almost entirely in black, with black synthetic furniture and black external metalwork. The fore-end and pistol grip wrist have checkered surfaces and the fore-end has a swelled underside. The butt has a ventilated recoil pad. Atop the receiver is a MIL-STD-1913 rail for optics; the iron sights is a ghost ring rear and a low front fiberoptic post sight. Controls are oversized, with a centrally-mounted tang fire selector which is also oversized. The SPX does not, however, have a front-mounted sling swivel, causing the need for an aftermarket kit if one wants a sling. Barrel length is 18.5 inches, and there is no provision for interchangeable chokes; the standard choke is Cylindrical. Versions exist which are ported to further reduce recoil. The SPX can take any sort of ammunition, including riot control, exotic, and subloaded and hot-loaded ammunition. Operation is via a self-regulating gas system, with the gas system adjusting for fouling and other dirt concerns, helps keep down stress to other firing components, and helps mitigate recoil.

In 2012, Salient Arms, with Mossberg's approval, introduced its own modified version of the M-930SPX. One it's features is its ability to take interchangeable chokes, and is therefore able to fire any choke type usable by a Mossberg shotgun. The barrel is 18 inches long, with a vent sighting rib, or 18.5 inches long, rifled, and with a solid sighting rib; another version is designed for 3-Gun competition and has a 22-inch barrel with a vent sight rib. A fourth version is the same, but has a 24-inch barrel and an extended magazine and using speed loaders, and a red-dot optic.

The Salient package of improvements include a lightened and coated bolt, beveled loading port, trigger adjustments, polished and tuned internal mechanism, a new magazine spring, and a Teflon-coated follower. Atop the receiver is a section of MIL-STD-1913 rail, just enough to mount just about any optic most shooters will want. All have a thick rubber recoil pad, though some hot-loaded 3" rounds will still exhibit severe felt recoil. The shotguns can take a full magazine, plus one in the chamber, plus one on the lifter.

New for 2016 is the M-930 Pro Series. There are three types in this series: the Sporting, Waterfowl, and Jerry Miculek Competition. They differ from the standard M-930SPX in having boron nitride coated working parts for greater wear resistance, carefully-measured and slicked-up shell stops, and stocks adjustable for drop. The Sporting has a Cerekote metal finish and is designed specifically for clays shooting, with a fast-loading feature, satin-finished walnut stock with a thick recoil pad, HiViz rear sights, TriComp fiberoptic front sights (interchangeable for color), a ventilated sighting rib, and a set of three Briley choke tubes (Skeet, Improved Cylinder, and Modified). The Sporting Gun has a 28-inch barrel. The Waterfowl is similar, but has the choice of a Mossy Oak Shadowgrass Blades Camo Pattern all over the external surfaces. For game purposes, it is identical to the Sporting gun. The Jerry Miculek gun uses shorter barrels (22 and 24 inches), and has a number of other refinements including a fast-cycling gas system (no effect in game terms), a beveled loading gate for faster reloading (shooter may reload 4 rounds per phase), a trigger adjustable for overtravel, and a knurled charging handle for faster actuation. Other refinements are as the Sporting gun. Furniture is synthetic, either black or Kryptek Typhon. External metalwork is matte blued Cerakote. They all have huge extended magazines and muzzle brakes designed for use with shotguns; the extended magazine projects far beyond the muzzle. The Ventilated sighting rib is removable, allowing for the use of other types of sights. Due to the muzzle brake installation, interchangeable choke tubes are not normally supplied, though the brake can be removed.

Weapon	Ammunition	Weight	Magazines	Price
M-930 SPX	12 Gauge 2.75" & 3"	3.4 kg	8 Tubular	\$704
M-930 SPX (Ported)	12 Gauge 2.75" & 3"	3.4 kg	8 Tubular	\$729

Salient M-930 (18" Barrel)	12 Gauge 2.75" & 3"	3.37 kg	8 Tubular	\$660
Salient M-930 (18.5" Barrel)	12 Gauge 2.75" & 3"	3.39 kg	8 Tubular	\$697
Salient M-930 (22" Barrel)	12 Gauge 2.75" & 3"	3.53 kg	8 Tubular	\$726
Salient M-930 (24" Barrel)	12 Gauge 2.75" & 3"	3.69 kg	8 Tubular	\$874
M-930 Pro Sporting	12 Gauge 2.75" & 3"	3.52 kg	5 Tubular	\$734
M-930 Jerry Miculek Pro (22" Barrel)	12 Gauge 2.75" & 3"	3.52 kg	9 Tubular	\$905
M-930 Jerry Miculek Pro (24" Barrel)	12 Gauge 2.75" & 3"	3.52 kg	10 Tubular	\$915

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-930 SPX (2.75")	SA	4/1d6x24 or 2d6x8	2-3-Nil/Nil or 1-Nil	6	4	Nil	38
M-930 SPX (3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	45
M-930 SPX Ported (2.75")	SA	4/1d6x24 or 2d6x8	2-3-Nil/Nil or 1-Nil	6	3	Nil	38
M-930 SPX Ported (3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	3	Nil	45
Salient M-930 (18", 2.75")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	38
Salient M-930 (18", 3")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	46
Salient M-930 (18.5" Rifled, 2.75")	SA	6	2-4-Nil	6	5	Nil	54
Salient M-930 (18.5" Rifled, 3")	SA	7	1-3-5	6	5	Nil	64
Salient M-930 (22", 2.75")	SA	4/1d6x28 or 2x6x8	2-3-Nil/Nil or Nil	7	4	Nil	47
Salient M-930 (22", 3")	SA	4/1d6x28 or 2x6x8	2-3-Nil/Nil or Nil	7	4	Nil	54
Salient M-930 (24", 2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	52
Salient M-930 (24", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	62
M-930 Pro Sporting (2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62
M-930 Pro Sporting (3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70
M-930 Jerry Miculek Pro (22", 2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	2	Nil	47
M-930 Jerry Miculek Pro (22", 3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	2	Nil	54
M-930 Jerry Miculek Pro (24", 2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	8	2	Nil	52
M-930 Jerry Miculek Pro (24", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	2	Nil	59

Mossberg M-935 Magnum

Notes: Designed specifically for hunting, this is a semiautomatic recoil-operated shotgun. It is designed specifically for magnum loadings; due to the recoil operation, 2.75-inch shells are not recommended by Mossberg, but weapon experts have discovered that high-brass, heavy loadings in 2.75" shells will properly cycle the recoil mechanism. A line for 2.75" shells is shown below, but unless this sort of special 2.75-inch loading is used, the M-935 has a 25% chance per shot fired to jam. The stock and fore-end of the M-935 are made of synthetics, with a checkered pistol grip wrist and fore-end. The butt has a thick rubber recoil pad. The entire gun is finished in a camouflage pattern (many are available), including the barrel and receiver cover. The M-935 is equipped with interchangeable chokes for Full, Modified, and Improved Cylinder. The barrel is vented near the muzzle to further reduce felt recoil. There are several versions available: The M-935 Waterfowl has either a 26 or 28-inch barrel and a sighting rib above the barrel; the Flyaway has a 28-inch barrel only and has fixed chokes of the customer's choice (and is identical to the 28-inch-barrel version of the Waterfowl for game purposes); the Turkey gun has a 24-inch barrel, a fixed choke of Ultra-Full, and adjustable front and rear fiberoptic sights; the Grand Slam Turkey is similar, but has a 22-inch barrel, and a padded sling.

Twilight 2000 Notes: This shotgun does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
M-935 Magnum Waterfowl (26" Barrel)	12 Gauge 2.75"* , 3", and 3.5"	3.53 kg	5 (2.75", 3"), 4 (3.5"); Tubular	\$841
M-935 Magnum Waterfowl (28" Barrel)	12 Gauge 2.75"* , 3", and 3.5"	3.57 kg	5 (2.75", 3"), 4 (3.5"); Tubular	\$851
M-935 Magnum Turkey	12 Gauge 2.75"* , 3", and 3.5"	3.5 kg	5 (2.75", 3"), 4 (3.5"); Tubular	\$831
M-935 Magnum Grand Slam Turkey	12 Gauge 2.75"* , 3", and 3.5"	3.46 kg	5 (2.75", 3"), 4 (3.5"); Tubular	\$821

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-935 Magnum Waterfowl (26", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	3	Nil	57
M-935 Magnum Waterfowl (28", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	3	Nil	62
M-935 Magnum Waterfowl (26", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	3	Nil	65
M-935 Magnum Waterfowl (28", 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	3	Nil	70
M-935 Magnum Waterfowl (26", 3.5")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	71
M-935 Magnum Waterfowl (28", 3.5")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	77
M-935 Magnum Turkey (2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	8	3	Nil	52
M-935 Magnum Turkey (3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	3	Nil	59
M-935 Magnum Turkey (3.5")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	65
M-935 Magnum Grand Slam Turkey (2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	47
M-935 Magnum Grand Slam Turkey (3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	54
M-935 Magnum Grand Slam Turkey (3.5")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	60

*The M-935 requires special loads to reliably cycle 2.75-inch shells; see the Notes section above.

Mossberg M-5500

Notes: This model of shotgun was added to the Mossberg line in 1983, and then quickly withdrawn, being out of production by 1986. A "Mk II" version was introduced in 1988, with several reliability improvements as well as an increased ability to accept a variety of optics and after-market add-ons, but it too was off the market by the mid-1990s. (For game purposes, the two are identical.)

The M-5500 is basically a variant of the Mossberg M-500. The Model 5500 was primarily designed for sporting and due to its small magazine is not really suitable for combat use. Various barrel lengths are available, but the 4-round tubular magazine was standard for all versions, though a variety of extended magazines with capacities of up to 9 rounds are available. Magnum and standard-length cartridge versions were built, though they are separate versions of the M-5500. The furniture of the M-5500 is synthetic, with metalwork being largely of various grades of steel. The reliability of the M-5500 is considered excellent, as is the workmanship, and those found today still function just as well. Unfortunately, the small standard magazines limited their sales.

Nonetheless, Mossberg did come out with a stockless version for home defense and police use (the Cruiser) with an 18.5-inch barrel, and a "combat" model known as the Guardian (that is not significantly different from the standard 5500 other than a shorter barrel length of 18.5 inches). Folding stock versions (based on the Cruiser) are also seen regularly, though these are the result of after-market modifications and not of Mossberg manufacture.

Weapon	Ammunition	Weight	Magazines	Price
M-5500 (22" Barrel)	12 Gauge 2.75"	3.25 kg	4 Tubular	\$597
M-5500 (24" Barrel)	12 Gauge 2.75"	3.29 kg	4 Tubular	\$607
M-5500 (28" Barrel)	12 Gauge 2.75"	3.37 kg	4 Tubular	\$627
M-5500 (30" Barrel)	12 Gauge 2.75"	3.41 kg	4 Tubular	\$637
M-5500 (22" Barrel)	12 Gauge 3"	3.34 kg	4 Tubular	\$638
M-5500 (24" Barrel)	12 Gauge 3"	3.38 kg	4 Tubular	\$648
M-5500 (28" Barrel)	12 Gauge 3"	3.48 kg	4 Tubular	\$668
M-5500 (30" Barrel)	12 Gauge 3"	3.51 kg	4 Tubular	\$678
M-5500 Guardian	12 Gauge 2.75"	3.18 kg	4 Tubular	\$579
M-5500 Guardian	12 Gauge 3"	3.27 kg	4 Tubular	\$620
M-5500 Cruiser	12 Gauge 2.75"	2.68 kg	4 Tubular	\$549
M-5500 Cruiser	12 Gauge 3"	2.88 kg	4 Tubular	\$590

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-5500 (22", 2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	47
M-5500 (24", 2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	52
M-5500 (28", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
M-5500 (30", 2.75")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	67
M-5500 (22", 3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	54
M-5500 (24", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	59

M-5500 (28", 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	70
M-5500 (30", 3")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	76
M-5500 Guardian (2.75")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	39
M-5500 Guardian (3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	45
M-5500 Cruiser (2.75")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	4	6	Nil	33
M-5500 Cruiser (3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5	6	Nil	37

Mossberg M-9200

Notes: The civilian M-9200 shotgun was introduced in 1992. It was designed for those who have a lot of problems with the recoil of traditional shotguns, and therefore has not only a thick rubber recoil pad on the butt, but Mossberg's "Soft Shooting System," which is a mechanism that further decreases felt recoil. This also allows the use of many different standard and Magnum loads.

The M-9200 has metalwork largely of steel (except for minor parts like the trigger guard, and furniture of walnut or synthetic material. (Synthetic stocks and fore-ends are standard, however). A Bantam stock can also be had for smaller shooters; this stock has a 1-inch shorter length of pull. Finishes for the metalwork include a matte black finish which Mossberg calls the "Viking" finish, blued, Parkerized, stainless "Marine" finish, and several camouflage patterns. Colors for wooden furniture range from a light tan to dark red; finishes for synthetic furniture is normally black or in a variety of camouflage patterns. Sights range from a ventilated sighting rib with a bead near the muzzle to rifle-type sights and Ghost Ring sights. There are several barrel lengths available, and there is also a Trophy Slug variant of the M-9200 with a 24-inch rifled barrel (and is, in effect, a large-caliber rifle, through which firing shot is not recommended). This model has fully-adjustable Ghost Ring-type sights, and is available only with a synthetic stock.

The M-9200A1 is a military version of the M-9200. It was used extensively by US Special Forces operating in Central and South America during the US involvement in Central America and Columbia, and thus acquired the nickname "jungle gun." The primary differences between the civilian and military models are the folding stock (fixed stock versions are also made), the extended magazine, and the gas system, modified to accept a wide variety of standard ammunition types.

The M-9200A1 was tuned especially for military 2.75-inch 12 gauge loads, and while it can use a wide variety of 2.75" loads and special ammunition, it is not designed for Magnum ammunition. (That said, one can chamber and fire Magnum ammunition through an M-9200A1, but it will eventually destroy the gun.) The finish is in non-reflective black or dark green (or camouflage), and the sights are adjustable rifle-types. The trigger housing is of aircraft-quality aluminum, while the furniture is synthetic (except for the folding stock, which is largely of aluminum alloy with a rubber butt). The M-9200A1 uses an 18.5-inch barrel, and the folding-stock version is available only to military, police, or government concerns.

Weapon	Ammunition	Weight	Magazines	Price
M-9200 (Wood Stock, 24" Barrel)	12 Gauge 2.75" and 3"	3.39 kg	4 Tubular	\$750
M-9200 (Synthetic Stock, 24" Barrel)	12 Gauge 2.75" and 3"	3.32 kg	4 Tubular	\$760
M-9200 (Wood Stock, 26" Barrel)	12 Gauge 2.75" and 3"	3.43 kg	4 Tubular	\$761
M-9200 (Synthetic Stock, 26" Barrel)	12 Gauge 2.75" and 3"	3.36 kg	4 Tubular	\$771
M-9200 (Wood Stock, 28" Barrel)	12 Gauge 2.75" and 3"	3.47 kg	4 Tubular	\$771
M-9200 (Synthetic Stock, 28" Barrel)	12 Gauge 2.75" and 3"	3.4 kg	4 Tubular	\$781
M-9200 Trophy Slug	12 Gauge 2.75" and 3"	3.35 kg	4 Tubular	\$764
M-9200A1 (Fixed Stock)	12 Gauge 2.75" and 3"	3.52 kg	8 Tubular	\$734
M-9200A1 (Folding Stock)	12 Gauge 2.75" and 3"	3.52 kg	8 Tubular	\$867

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-9200 (24", 2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	52
M-9200 (24", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	59
M-9200 (26", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	57
M-9200 (26", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	3	Nil	65
M-9200 (28", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	3	Nil	62
M-9200 (28", 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	70
M-9200 Trophy Slug (2.75")	SA	6	2-4-Nil	7	5	Nil	82
M-9200 Trophy Slug (3")	SA	6	2-4-Nil	7	5	Nil	99
M-9200A1 (Fixed, 2.75")	SA	4/1d6x24 or 2d6x8	2-3-Nil/Nil or 1-Nil	6	3	Nil	39
M-9200A1 (Fixed, 3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or 1-Nil	6	3	Nil	45
M-9200A1 (Folding, 2.75")	SA	4/1d6x24 or 2d6x8	2-3-Nil/Nil or 1-Nil	5/6	3	Nil	39
M-9200A1 (Folding, 3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or 1-Nil	5/6	3	Nil	45

Pancor Jackhammer Mk3A2

Notes: The Jackhammer is an automatic assault shotgun designed primarily for military CQB work, but Pancor will also sell it to police departments. It has a number of novel features, and though it has not had the best sales in the world, it is reportedly in use by several unnamed special operations units worldwide and is supposedly also popular with survivalist-types. The Jackhammer is

compact (though a bit heavy, especially when loaded), reliable, and has a cyclic rate low enough to make it controllable.

Most of the Jackhammer is built of DuPont Rynite SST (a tough fiberglass-reinforced plastic); this makes the Jackhammer virtually weatherproof as well as giving it the ability to float if thrown in water. The design is a bullpup form, with a partially-skeletonized stock. Early versions had no safety or selector lever; this was quickly remedied. Perhaps its best-known and most unusual feature is its ammunition cassette – instead of a magazine, it employs a rotary cylinder which is loaded into the weapon sort of like some Old West-type revolvers with removable cylinders. The Jackhammer is cocked after loading by pulling a pump slide on the fore-end back, and the empty cylinder is released by pushing the pump slide forward. Stoppages due to dud rounds can be easily cleared by pulling back on the pump slide again, advancing the cylinder. (This may also be used to skip shells if desired.) The cassette and the rotation mechanism work in a manner quite similar to that of the old Webley-Fosbery semiautomatic revolver. When firing, the spring-loaded barrel itself moves forward and back, with the breech of the barrel surrounding the cylinder containing the shell. (This also allows the cassette itself to be made of Rynite SST, allowing it to be lightweight.) The 20.67-inch barrel is tipped with a simple muzzle brake, though it also greatly increases the muzzle flash. (Prototypes used an even shorter 17.96-inch barrel.)

The cassettes are in a further category of unusual; they may be used as antipersonnel mines in a pinch. The cassette is placed facing up (with the shells pointed up), a pressure plate is attached, a knob is turned, and when stepped upon, all remaining shells in the cassette fire directly upwards into the hapless victim. When used in this manner, the cassette is called the Beartrap.

Twilight 2000 Notes: These weapons were also issued on a limited basis to US combat engineers.

Merc 2000 Notes: The Jackhammer is almost nonexistent in the Merc 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Jackhammer	12 Gauge 2 3/4"	4.57 kg	10 Cassette	\$619

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Jackhammer	3	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5	3	4	40
Jackhammer (Flechette Ammo)	3	2d6x8	1-Nil	5	3	4	35

Remington 11R

Notes: This shotgun began as a weapon that was to be used by US troops in the trenches of World War 1; however, Remington's trench model was not ready before World War 1 ended. Remington then changed its focus for the weapon to police use, and it became the Model 11R (R for Riot). It achieved considerable popularity between World War 1 and 2, and was one of the few semiautomatic shotguns available at the time. During World War 2, they were picked up for military use, though often without the bayonet lug common to military shotguns of the period. Most of these military shotguns were sold off to police departments after World War 2. One of the more infamous users of the Model 11R was Bonnie Parker (as in Bonnie and Clyde), who use one with cut-down barrel. The Remington Model 11R is basically a US copy of the Browning Auto-5M, with a few cosmetic differences.

Weapon	Ammunition	Weight	Magazines	Price
Remington 11R	12 Gauge 2.75"	3.6 kg	4 Tubular	\$581

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 11R	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	43

Remington 11-87

Notes: This was originally designed to be the company's successor to the 1100, but was instead developed into a weapon primarily meant to be used by hunters who need longer barrels and those who are inexperienced with semiautomatic shotguns. The weapon's action was simplified to make caring for the weapon easier and operation more reliable, while the recoil mechanism was modified to reduce recoil. To make the weapon even easier to fire, a thick recoil pad was added to the butt. Only one version of the standard Model 11-87 was made with a shorter barrel, and it is a rather difficult-to-find weapon; most 11-87's have longer barrels. The barrel is equipped with an interchangeable choke set. The mechanism and piston are nickel-plated, and the patented piston system is virtually self-cleaning. A left-handed version is available, but only with a 28-inch barrel. The Model 11-87 was introduced in 1987. A deluxe version, the Premier, was introduced in 1999; it is engraved on both sides of the receiver housing. It is identical to the standard version for game terms.

The Remington 11-87P is a development of the Model 11-87 modified for military use, used in those times when a pump-action weapon simply does throw out lead fast enough for your purposes. It differs from the standard 11-87 in having better chrome inside the barrel, a bayonet lug, extended magazine, and a recoil pad on the butt that is almost a full inch thick. There are also three types of sights for the Model 11-87P: standard bead-type sights, notch-and-post rifle-type sights (with an adjustable rear sight), and adjustable ghost ring rear and blade front sights. The stock is of polypropylene and the metal parts are Parkerized. The standard choke is Improved Cylinder; however, Remington will make the Military Version with other chokes upon order. The Military Version has a shorter 18-inch barrel; a 14-inch barrel version, the Entry Gun, is also available to military and police concerns. (Police versions and the Entry Gun do not have a bayonet lug.) Chokes on all military models are Improved Cylinder, except for the Entry Gun, which uses a Modified choke.

The Model 11-87 SP (Special Purpose) is a series of Model 11-87 versions designed specifically for hunting. The Model 11-87 SPS-FR (Special Purpose Shotgun Fully Rifled) is a version which was introduced in 1991 with rifling for the firing of slugs and Saboted slugs; it is not meant for shot, and is equipped rifle-type sights with TruGlo high-visibility inserts. It is equipped with a reinforced plastic stock and fore-end. A similar version, the Model 11-87 Cantilever Deer Gun, has a special mount for a telescopic sight, but has no iron sights. (It is otherwise identical to the SPS-FR for game purposes.) The Model 11-87 SPS-T (Turkey) also has a short barrel, but is designed for either shot or slugs. It has interchangeable chokes, a sighting rib, and its plastic stock is finished with a Mossy Oak pattern. The Model 11-87 SPS-T was introduced in 1999; in 2000, it was given TruGlo sight inserts. The Model 11-87 SP and SPS Super Magnum shotguns (one with a wooden stock, and the other with a plastic stock), are designed for the firing of 3.5-inch, 3-inch, and 2.75-inch shells. They have interchangeable chokes, and weigh and shoot the same for game purposes. A version of the SPS Super Magnum, the SPS Super Magnum Camo is finished all over in a Mossy Oak pattern and is equipped only with a 28-inch barrel, but is otherwise identical. Another nearly identical model is the SPS-T Super Magnum Camo Cantilever; this version has a special mount for a telescopic sight and no sighting rib. The SPS-T RS/TG (Rifle Sight TruGlo) has a short 23-inch barrel with rifle-type sights that have TruGlo inserts. Rifled-barrel versions of these guns are also available, with barrels of either 21 or 23 inches and rifle-type sights; these have been available since 2002.

Twilight 2000 Notes: Only the original Model 11-87, the Model 11-87P Military, and the Model 11-87P Entry Gun are available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Remington 11-87 (21" Barrel)	12 Gauge 2.75" and 3"	3.46 kg	5 Tubular	\$698
Remington 11-87 (26" Barrel)	12 Gauge 2.75" and 3"	3.71 kg	5 Tubular	\$724
Remington 11-87 (28" Barrel)	12 Gauge 2.75" and 3"	3.74 kg	5 Tubular	\$734
Remington 11-87 (30" Barrel)	12 Gauge 2.75" and 3"	3.8 kg	5 Tubular	\$744
Remington 11-87 (21" Barrel)	20 Gauge 2.75" and 3"	3.1 kg	5 Tubular	\$555
Remington 11-87 (26" Barrel)	20 Gauge 2.75" and 3"	3.32 kg	5 Tubular	\$580
Remington 11-87 (28" Barrel)	20 Gauge 2.75" and 3"	3.35 kg	5 Tubular	\$591
Remington 11-87 (30" Barrel)	20 Gauge 2.75" and 3"	3.4 kg	5 Tubular	\$601
Remington 11-87P Military	12 Gauge 2.75" and 3"	3.75 kg	7 Tubular	\$684

Remington 11-87P Entry Gun	12 Gauge 2.75" and 3"	3.62 kg	4 Tubular	\$662
Remington 11-87SPS-FR	12 Gauge 2.75" and 3"	3.39 kg	5 Tubular	\$708
Remington 11-87SPS-T	12 Gauge 2.75" and 3"	3.39 kg	5 Tubular	\$708
Remington 11-87 SP Super Magnum (26" Barrel)	12 Gauge 2.75", 3", and 3.5"	3.7 kg	4 (2.75" and 3"), 3 (3.5"); Tubular	\$805
Remington 11-87 SP Super Magnum (28" Barrel)	12 Gauge 2.75", 3", and 3.5"	3.73 kg	4 (2.75" and 3"), 3 (3.5"); Tubular	\$816
Remington 11-87 SPS Super Magnum (26" Barrel)	12 Gauge 2.75", 3", and 3.5"	3.7 kg	4 (2.75" and 3"), 3 (3.5"); Tubular	\$815
Remington 11-87 SPS Super Magnum (28" Barrel)	12 Gauge 2.75", 3", and 3.5"	3.73 kg	4 (2.75" and 3"), 3 (3.5"); Tubular	\$826
Remington 11-87 SP Super Magnum (21" Rifled Barrel)	12 Gauge 2.75", 3", and 3.5"	3.6 kg	4 (2.75" and 3"), 3 (3.5"); Tubular	\$780
Remington 11-87 SP Super Magnum (23" Rifled Barrel)	12 Gauge 2.75", 3", and 3.5"	3.64 kg	4 (2.75" and 3"), 3 (3.5"); Tubular	\$790
Remington 11-87 SPS Super Magnum (21" Rifled Barrel)	12 Gauge 2.75", 3", and 3.5"	3.6 kg	4 (2.75" and 3"), 3 (3.5"); Tubular	\$790
Remington 11-87 SPS Super Magnum (23" Rifled Barrel)	12 Gauge 2.75", 3", and 3.5"	3.64 kg	4 (2.75" and 3"), 3 (3.5"); Tubular	\$800
Remington 11-87 SPS-T RS/TG	12 Gauge 2.75", 3", and 3.5"	3.7 kg	4 (2.75" and 3"), 3 (3.5"); Tubular	\$800

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 11-87 (21", 12 GA, 2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	45
Remington 11-87 (26", 12 GA, 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	57
Remington 11-87 (28", 12 GA, 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62
Remington 11-87 (30", 12 GA, 2.75")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	67
Remington 11-87 (21", 12 GA, 3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	52
Remington 11-87 (26", 12 GA, 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	65
Remington 11-87 (28", 12 GA, 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70
Remington 11-87 (30", 12 GA, 3")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	76
Remington 11-87 (21", 20 GA, 2.75")	SA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	6	4	Nil	38
Remington 11-87 (26", 20 GA, 2.75")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	48
Remington 11-87 (28", 20 GA, 2.75")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	52
Remington 11-87 (30", 20 GA, 2.75")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	56
Remington 11-87 (21", 20 GA, 3")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	43
Remington 11-87 (26", 20 GA, 3")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	55
Remington 11-87 (28", 20 GA, 3")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	59
Remington 11-87 (30", 20 GA, 3")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	64
Remington 11-87P Military (2.75")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	3	Nil	38
Remington 11-87P Military (3")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	3	Nil	43
Remington 11-87P Entry Gun (2.75")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	3	Nil	27
Remington 11-87P Entry Gun (3")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	3	Nil	30
Remington 11-87 SPS-FR (2.75")	SA	6	2-4-Nil	7	5	Nil	67
Remington 11-87 SPS-FR (3")	SA	6	2-4-Nil	7	5	Nil	79
Remington 11-87 SPS-T (2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	45
Remington 11-87 SPS-T (3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	52
Remington 11-87 SP Super Magnum (26", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	4	Nil	57
Remington 11-87 SP Super Magnum (26", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	65
Remington 11-87 SP Super Magnum (26", 3.5")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	71
Remington 11-87 SP Super Magnum (28", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62
Remington 11-87 SP Super Magnum (28", 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70
Remington 11-87 SP Super Magnum	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	77

(28", 3.5")							
Remington 11-87 SP Super Magnum (21" Rifled, 2.75")	SA	6	2-4-Nil	7	5	Nil	67
Remington 11-87 SP Super Magnum (21" Rifled, 3")	SA	6	2-4-Nil	7	5	Nil	79
Remington 11-87 SP Super Magnum (21" Rifled, 3.5")	SA	6	2-4-Nil	7	5	Nil	93
Remington 11-87 SP Super Magnum (23" Rifled, 2.75")	SA	6	2-4-Nil	7	5	Nil	77
Remington 11-87 SP Super Magnum (23" Rifled, 3")	SA	6	2-4-Nil	7	5	Nil	91
Remington 11-87 SP Super Magnum (23" Rifled, 3.5")	SA	7	2-4-6	7	5	Nil	108
Remington 11-87 SPS-T RS/TG (2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	50
Remington 11-87 SPS-T RS/TG (3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	57
Remington 11-87 SPS-T RS/TG (3.5")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	63

Remington 11-96 Euro Lightweight

Notes: Introduced in 1996, the Euro Lightweight was primarily meant for the European market, but also had some small sales in North America. It did not sell well, and in 2000 was taken out of production, despite the fact that it was chosen in 1997 by *Shooting Industry* magazine as the Shotgun of the Year. The Euro Lightweight is a semiautomatic shotgun with a strong chrome-molybdenum barrel that has a ventilated sighting rib. It is similar in many respects to the Model 11-87 and may be partially based on that model. The receiver and mechanism are made from lightweight steel, and the receiver is engraved on both sides. The Euro Lightweight is equipped with a set of interchangeable chokes for Improved Cylinder, Modified, and Full.

Twilight 2000 Notes: This shotgun does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Euro Lightweight (26" Barrel)	12 Gauge 2.75" and 3"	3.1 kg	5 Tubular	\$649
Euro Lightweight (28" Barrel)	12 Gauge 2.75" and 3"	3.2 kg	5 Tubular	\$659

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Euro Lightweight (26", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	57
Euro Lightweight (26", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	65
Euro Lightweight (28", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
Euro Lightweight (28", 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	70

Remington 105CTi

Notes: Building a small arm using a lot of composites and titanium alloys is common in pistols and revolvers, a bit less common in rifles and some military weapons, but as I write this (March 2007) it is virtually unknown in shotguns. However, the Model 105CTi is just such a shotgun. Designed in late 2005, and introduced to the public at the 2006 SHOT Show, the Model 105CTi went on sale in early 2007.

While the overall design is essentially that of a rather conventional semiautomatic, tubular-magazine-fed shotgun, the receiver is made from aircraft-quality titanium alloy encased within a carbon-fiber shell. The barrel is made from lightweight, high-grade steel, further lowering the weight without sacrificing strength, and the tubular magazine is of aluminum alloy. The stock and fore-end are of mid-grade walnut, with an R3 recoil pad on the butt.

Though the Model 105CTi is gas-operated, there are some wrinkles to its operating system. The recoil of the shell being fired, in addition to cycling the bolt, also cycles an inertia sleeve which helps reduce recoil. There is also an oil-filled cylinder in the stock that further dampens recoil by reducing the velocity of the cycling bolt. The trigger group is tournament-grade. Despite all this, the Model 105CTi has remarkably few moving parts, and the gas system is designed to resist fouling as much as possible. The barrel is also overbored, again slightly reducing recoil and providing additional resistance to fouling. The Model 105CTi is provided with three screw-in ProBore choke tubes – Improved Cylinder, Modified, and Full. Without any of these choke tubes, the Model 105CTi has a Cylindrical choke. The barrel is topped with a ventilated sighting rib which also have bead sights at the front and rear. Other unusual features include the controls and shell ejection – the controls are ambidextrous, and ejection is downward, meaning the Model 105CTi is essentially ambidextrous.

Twilight 2000 Notes: The Model 105CTi is not available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Remington 105CTi (26" Barrel)	12 Gauge 2.75" and 3"	3.18 kg	5 Tubular	\$812
Remington 105CTi (28" Barrel)	12 Gauge 2.75" and 3"	3.22 kg	5 Tubular	\$822

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
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Remington 105CTi (26", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	57
Remington 105CTi (26", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	3	Nil	65
Remington 105CTi (28", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	3	Nil	62
Remington 105CTi (28", 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	70

Remington 1100

Notes: An autoloading shotgun, the 1100 was originally designed for hunting and trap shooting. The recoil spring is located in the stock of the weapon. A variant by Sage International uses a recoil spring conversion and a folding stock or telescoping stock. Some versions have pistol grips, rifle sights, or sight mounts. Before 1987, the barrel had a fixed choke, but interchangeable choke sets were made for the Model 1100 thereafter.

Weapon	Ammunition	Weight	Magazines	Price
Remington 1100 (20" Barrel)	12 Gauge (2 3/4")	2.7 kg	5 Tubular	\$582
Remington 1100 (21" Barrel)	12 Gauge (2 3/4")	2.75 kg	5 Tubular	\$588
Remington 1100 (22" Barrel)	12 Gauge (2 3/4")	2.8 kg	5 Tubular	\$593
Remington 1100 (25" Barrel)	12 Gauge (2 3/4")	2.95 kg	5 Tubular	\$608
Remington 1100 (26" Barrel)	12 Gauge (2 3/4")	3 kg	5 Tubular	\$613
Remington 1100 (28" Barrel)	12 Gauge (2 3/4")	3.1 kg	5 Tubular	\$623
Remington 1100 (30" Barrel)	12 Gauge (2 3/4")	3.2 kg	5 Tubular	\$633
Remington 1100 (20" Barrel)	20 Gauge (2 3/4")	2.36 kg	5 Tubular	\$450
Remington 1100 (21" Barrel)	20 Gauge (2 3/4")	2.4 kg	5 Tubular	\$455
Remington 1100 (22" Barrel)	20 Gauge (2 3/4")	2.44 kg	5 Tubular	\$460
Remington 1100 (25" Barrel)	20 Gauge (2 3/4")	2.57 kg	5 Tubular	\$475
Remington 1100 (26" Barrel)	20 Gauge (2 3/4")	2.61 kg	5 Tubular	\$480
Remington 1100 (28" Barrel)	20 Gauge (2 3/4")	2.7 kg	5 Tubular	\$490
Remington 1100 (30" Barrel)	20 Gauge (2 3/4")	2.79 kg	5 Tubular	\$500
Remington 1100 (20" Barrel)	28 Gauge (2 3/4")	2.2 kg	5 Tubular	\$384
Remington 1100 (21" Barrel)	28 Gauge (2 3/4")	2.24 kg	5 Tubular	\$389
Remington 1100 (22" Barrel)	28 Gauge (2 3/4")	2.28 kg	5 Tubular	\$394
Remington 1100 (25" Barrel)	28 Gauge (2 3/4")	2.4 kg	5 Tubular	\$410
Remington 1100 (26" Barrel)	28 Gauge (2 3/4")	2.44 kg	5 Tubular	\$415
Remington 1100 (28" Barrel)	28 Gauge (2 3/4")	2.52 kg	5 Tubular	\$425
Remington 1100 (30" Barrel)	28 Gauge (2 3/4")	2.6 kg	5 Tubular	\$435
Remington 1100 (20" Barrel)	.410 Gauge (3")	2.19 kg	3 Tubular	\$280
Remington 1100 (21" Barrel)	.410 Gauge (3")	2.23 kg	3 Tubular	\$285
Remington 1100 (22" Barrel)	.410 Gauge (3")	2.27 kg	3 Tubular	\$291
Remington 1100 (25" Barrel)	.410 Gauge (3")	2.39 kg	3 Tubular	\$306
Remington 1100 (26" Barrel)	.410 Gauge (3")	2.43 kg	3 Tubular	\$311
Remington 1100 (28" Barrel)	.410 Gauge (3")	2.51 kg	3 Tubular	\$321
Remington 1100 (30" Barrel)	.410 Gauge (3")	2.59 kg	3 Tubular	\$331

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 1100 (12GA 20")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	5	Nil	43
Remington 1100 (12GA 21")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	45
Remington 1100 (12GA 22")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	47
Remington 1100 (12GA 25")	SA	5/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	54
Remington 1100 (12GA 26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	57
Remington 1100 (12GA 28")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
Remington 1100 (12GA 30")	SA	6/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	67
Remington 1100 (20GA 20")	SA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	6	5	Nil	36
Remington 1100 (20GA 21")	SA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	6	5	Nil	38
Remington 1100 (20GA 22")	SA	4/1d6x20 of 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	40
Remington 1100 (20GA 25")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	46
Remington 1100 (20GA 26")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	48
Remington 1100 (20GA 28")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	52
Remington 1100 (20GA 30")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	56
Remington 1100 (28GA 20")	SA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	6	4	Nil	32
Remington 1100 (28GA 21")	SA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	6	4	Nil	34
Remington 1100 (28GA 22")	SA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	6	4	Nil	36
Remington 1100 (28GA 25")	SA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	7	5	Nil	41

Remington 1100 (28GA 26")	SA	4/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	7	5	Nil	43
Remington 1100 (28GA 28")	SA	4/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	7	5	Nil	47
Remington 1100 (28GA 30")	SA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	8	5	Nil	50
Remington 1100 (.410GA 20")	SA	3/1d6x8	1-Nil/Nil	6	3	Nil	23
Remington 1100 (.410GA 21")	SA	3/1d6x8	1-Nil/Nil	6	3	Nil	24
Remington 1100 (.410GA 22")	SA	3/1d6x8	1-Nil/Nil	6	3	Nil	25
Remington 1100 (.410GA 25")	SA	3/1d6x8	1-Nil/Nil	6	3	Nil	29
Remington 1100 (.410GA 28")	SA	3/1d6x12	1-Nil/Nil	7	3	Nil	30
Remington 1100 (.410GA 28")	SA	3/1d6x12	1-Nil/Nil	7	3	Nil	33
Remington 1100 (.410GA 30")	SA	3/1d6x12	1-Nil/Nil	7	3	Nil	36

Remington 1100 Special Field/LT-20

Notes: This variant of the standard Model 1100 is designed specifically for hunting. The Special Field has a short 23-inch barrel, and is designed in 12 and 20 gauge versions. The stock is of fine walnut, and is in the English (straight wrist) style. The Model 1100 LT-20 is designed only for 20 gauge shells, and has a walnut stock with a pistol grip wrist. There is a ventilated sighting rib above the barrel. The LT-20 Magnum is designed to use 3-inch 20 gauge shells and comes in only a 28-inch barrel version, but is otherwise identical to the standard LT-20. These versions ended production in 2000, replaced by versions with plastic stocks, engraved receivers, and usually camouflaged in the Mossy Oak pattern.

The Model 1100 LT-20 Youth is a version designed for beginning shooters and teenagers. The stock is shorter, and the barrel is shortened to 21 inches. Until 1998, this model was made with both walnut and black plastic stocks and fore-ends, but after that, the walnut-stocked version was dropped. A subset of this gun is the Model 1100 LT-20 Youth Turkey, chambered for 3-inch shells and with a rear leaf sight containing a green glass fiber rod, and front sight with a TruGlo insert, as well as a sighting rib. The stock is plastic and finished in the Mossy Oak pattern. A similar weapon is the Model 1100 Youth Synthetic Turkey Camo; it does not have the iron sights and is in a finish known as Real Tree Advantage Camo, but is otherwise the same as the LT-20 Youth Camo for game purposes.

Twilight 2000 Notes: Only the walnut-stocked versions of the Special Field, LT-20, and LT-20 Magnum exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Remington 1100 Special Field (Wood Stock)	12 Gauge 2.75"	3.3 kg	5 Tubular	\$592
Remington 1100 Special Field (Wood Stock)	20 Gauge 2.75"	3 kg	5 Tubular	\$461
Remington 1100 Special Field (Plastic Stock)	12 Gauge 2.75"	3.23 kg	5 Tubular	\$602
Remington 1100 Special Field (Plastic Stock)	20 Gauge 2.75"	2.94 kg	5 Tubular	\$471
Remington 1100 LT-20 (26" Barrel, Wood Stock)	20 Gauge 2.75"	3.1 kg	5 Tubular	\$476
Remington 1100 LT-20 (28" Barrel, Wood Stock)	20 Gauge 2.75"	3.2 kg	5 Tubular	\$486
Remington 1100 LT-20 (26" Barrel, Plastic Stock)	20 Gauge 2.75"	3.04 kg	5 Tubular	\$486
Remington 1100 LT-20 (28" Barrel, Plastic Stock)	20 Gauge 2.75"	3.14 kg	5 Tubular	\$496
Remington 1100 LT-20 Magnum (Wood Stock)	20 Gauge 3"	3.33 kg	5 Tubular	\$516
Remington 1100 LT-20 Magnum (Plastic Stock)	20 Gauge 3"	3.27 kg	5 Tubular	\$526
Remington 1100 LT-20 Youth (Wood Stock)	20 Gauge 2.75"	2.91 kg	5 Tubular	\$451
Remington 1100 LT-20 Youth (Plastic Stock)	20 Gauge 2.75"	2.86 kg	5 Tubular	\$461
Remington 1100 LT-20 Youth Turkey	20 Gauge 3"	2.85 kg	5 Tubular	\$490

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 1100 Special Field (12 GA)	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	50
Remington 1100 Special Field (20 GA)	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	42
Remington 1100 LT-20 (26")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	48
Remington 1100 LT-20 (28")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	52
Remington 1100 LT-20 Magnum	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	59
Remington LT-20 Youth	SA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	6	4	Nil	38
Remington 1100 LT-20 Youth Turkey	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	43

Remington 1100 Sporting

Notes: This variant of the Model 1100 is designed primarily for bird hunting and skeet shooting, and has a long barrel, sighting rib, and a decent heft for its size, not too light or heavy. It appeared in 1996. The Remington 1100 Sporting 410 is the only .410-gauge shotgun being made in the US by any major firearms manufacturer. The Model 1100 Sporting has a walnut stock and a chrome-molybdenum-steel barrel with interchangeable chokes of Skeet, Improved Cylinder, Light Modified, and Modified. A variant of the Model 1100 Sporting is the Model 1100 Classic Trap; this version has a longer barrel, a recoil pad on the Monte Carlo-style stock, a blued barrel and mechanism, and interchangeable chokes. The trigger has gold plating. This version appeared in 2000.

Twilight 2000 Notes: This shotgun does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Remington 1100 Sporting 12	12 Gauge 2.75"	3.63 kg	4 Tubular	\$696
Remington 1100 Sporting 20	20 Gauge 2.75"	3.18 kg	4 Tubular	\$564
Remington 1100 Sporting 28	28 Gauge 2.75"	3.06 kg	4 Tubular	\$493
Remington 1100 Sporting 410	.410 Gauge 3"	3.06 kg	4 Tubular	\$391
Remington 1100 Classic Trap	12 Gauge 2.75"	3.73 kg	4 Tubular	\$702

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 1100 Sporting 12	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62
Remington 1100 Sporting 20	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	52
Remington 1100 Sporting 28	SA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	7	4	Nil	45
Remington 1100 Sporting 410	SA	3/1d6x8	1-Nil/Nil	7	2	Nil	32
Remington 1100 Classic Trap	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	67

Remington 1100 Synthetic Youth

Notes: This is a lightweight, small-caliber variant of the Remington 1100 firing short 2 1/2" shells. It is meant for children and young teens to introduce them to hunting and trap shooting. The short shells and small caliber do not make especially effective as an antipersonnel weapon or for hunting large animals or birds, but it is easy to handle and take care of.

Weapon	Ammunition	Weight	Magazines	Price
Synthetic Youth	20 Gauge 2.5"	3.22 kg	7 Tubular	\$433

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Synthetic Youth	SA	4/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	6	4	Nil	40

Remington 7188/7180

Notes: First developed specifically for use by US Navy SEALs in Vietnam, the first example of the Remington 7188, the Mk 1, appeared in 1967, and was perhaps the most destructive close combat weapon produced to that date. Developed from the Remington 1100, the Model 7188 was a fully-automatic version of that weapon, with some other modifications requested by the SEALs. Though these weapons were never large in number, the Mk 1 version was the most common of them; it had a perforated barrel shroud, extended tubular magazine, bayonet mount, and adjustable rifle sights. The Mk 2 was identical, but used a ventilated barrel rib and front bead sight of a standard shotgun. The Mk 3 was also identical to the Mk 1 but did not have the perforated barrel shroud. The Mk 4 was a Mk 3 with standard shotgun-style sights. The Mk 5 was also similar to the Mk 1, but did not have an extended magazine, and also did not have the perforated barrel shroud. The Mk 6 was identical to the Mk 5, but had standard shotgun-style sights.

While the SEALs liked the fantastic destructive power of the Model 7188 (especially with the custom loads they tended to use), they found the Model 7188 had one big problem: it was highly-sensitive to dirt and fouling, and this made it quite unsuited for general use in Vietnam. In addition, the enormous recoil of a full-auto burst (even at the low cyclic rate of the Model 7188) was difficult to control, and even with an extended magazine, the ammunition supply was thought to be too small by many SEALs. There were never more than a couple of dozen of each Mark of the Model 7188 made, and they were withdrawn from service within a few years, a weapon experiment that ultimately failed. Some were converted back to semiautomatic fire; though this essentially turned them back into Remington 1100s (albeit, with unique markings and an unusual selector lever), they were designated Model 7180s.

For game purposes, the Mk 1, 2, 3, and 4 are identical, and the Mk 5 and 6 are identical. The Model 7180s are simply 7188s which may fire on semiautomatic only.

Weapon	Ammunition	Weight	Magazines	Price
Remington 7188 Mk 1-4	12 Gauge 2.75"	3.86 kg	7 Tubular	\$654
Remington 7188 Mk 5-6	12 Gauge 2.75"	3.79 kg	5 Tubular	\$653

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 7188 Mk 1-4	3	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	5	43
Remington 7188 Mk 5-6	3	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	6	43

Remington SP-10 Magnum

Notes: This is a semiautomatic 10-gauge shotgun, introduced in 1989. It is a large and heavy weapon with long barrels to take advantage of the caliber. It comes with a thick recoil pad, and is said to be comfortable to shoot despite its heavy caliber. The SP-10 is gas-operated, and is specifically designed for 3 1/2" shells; smaller shells will not generate enough gas to cycle the bolt and the weapon will almost certainly jam if smaller shells are fired through the SP-10. The SP-10 is equipped with interchangeable chokes for Full or Modified.

Another version of the SP-10 Magnum is the SP-10 Magnum Turkey Camo, introduced in 1993. This version has a short 23-inch barrel with interchangeable chokes of Full, Modified, and Extra Full. It has a plastic stock and the entire gun is finished in Remington's

Mossy Oak camouflage pattern. A subset of this gun is the SP-10 Turkey Camo NWTF (National Wild Turkey Foundation); this version was made in 1998 to commemorate the 25th anniversary of that foundation, and part of the sales of the gun was given to that foundation. It is identical to the SP-10 Magnum Turkey Camo except for the TruGlo sights on the barrel rib and the NWTF logo on the receiver.

In 1998, Remington brought out the SP-10 Magnum Camo; it followed in 2000 with the SP-10 Magnum Synthetic. These are SP-10's with plastic stocks and fore-ends and are made only with 26-inch barrels. The Magnum Camo has, of course, the Mossy Oak finish, while the Synthetic is finished in matte black.

Twilight 2000 Notes: The SP-10 Turkey Camo NWTF, SP-10 Magnum Camo, and SP-10 Magnum Synthetic do not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
SP-10 Magnum (26" Barrel)	10 Gauge 3.5"	4.99 kg	3 Tubular	\$947
SP-10 Magnum (30" Barrel)	10 Gauge 3.5"	5.3 kg	3 Tubular	\$977
SP-10 Magnum Turkey Camo	10 Gauge 3.5"	4.8 kg	3 Tubular	\$934
SP-10 Magnum Camo/Synthetic	10 Gauge 3.5"	4.5 kg	3 Tubular	\$957

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
SP-10 Magnum (26")	SA	5/1d6x40 or 2d6x8 or 3d6x4	2-4-Nil/Nil or 1-Nil or 1-Nil	8	4	Nil	75
SP-10 Magnum (30")	SA	5/1d6x44 or 2d6x12 or 3d6x4	2-3-Nil/Nil or 1-Nil or 1-Nil	8	4	Nil	88
SP-10 Magnum Turkey Camo	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	7	4	Nil	66
SP-10 Magnum Camo/Synthetic	SA	5/1d6x40 or 2d6x8 or 3d6x4	2-4-Nil/Nil or 1-Nil or 1-Nil	8	4	Nil	75

Remington Versa Max

Notes: The Versa Max is a gas-operated semiautomatic shotgun which uses an innovative operating system to soften recoil and cycle the weapon. The Versa Max dispenses with the single gas port of most gas-operated weapons and replaces it with seven smaller vents in the wall of the chamber. The Versa Max is tubular-fed, but all of those parts sliding to and fro on the cylinder feed system are also missing, using gas and the operation of the bolt itself to feed the chamber from the magazine. (This is called the Self-Cleaning Versaport Gas-Piston System, and cuts down greatly on dirt and carbon being fed into the chamber and magazine.) This system also makes the use of different-length ammunition easier, to the point that different-length ammunition can be used at the same time in the same magazine. (Use of mixed ammunition length must be winged by the GM and player for magazine capacity.) It also allows for easier use of shot and slug in the same magazine. The player will have to keep track of which type of round will be the next one to be fired. The Gas system means that the reciprocation of the bolt and the resulting recoil all equal that generated by a 2.75-inch shell, regardless of shell length. Excess gas is exited through the gas port; two smaller gas pistons instead of one larger one are used to this effect. The stock and pump slide are synthetic, with the receiver and other metal parts made of steel; the entire finish is normally black, but Mossy Oak and Realtree are available. The stock has a thick rubber SuperCell recoil pad. The stock is normally a drop stock, but pitch of the stock and angle of the buttplate can be adjusted by the shooter. Length of pull can be adjusted by the use of thinner SuperCell pads. Barrel lengths come in 26 and 28 inches, and are topped by a ventilated sighting rib.

The Versa Max Tactical, though it is based on the Versa Max, is almost so different that Remington should have called something else. The barrel is abbreviated to 22 inches, but the magazine tube has been extended to the point that it extends beyond the muzzle a bit. Operation is virtually the same as on the Versa Max, but the shotgun comes with five screw-in Remington ProBore choke tubes (Improved Cylinder, Light Modified, Modified, Improved Modified, and Full), with a native choke of Cylinder. In addition, though loading the tube is normal, racking the charging handle back will not load a round into the chamber; the charging handle must be moved forward before loading of the chamber happens. This means that the gun may eject shells, whether than in the chamber or in the tube, without any danger of firing. It has a ventilated aiming rib with a fiberoptic front sight and a removable adjustable rear sight and a small mid-bead sight. The sides of the space between the barrel and extended magazine have short (about 50-millimeter) sections of Picatinny rail for accessories. Safety has been enhanced with a large crossbolt safety, accessed behind the trigger guard with a gold-plated button (one of the few parts of the Versa Max Tactical that is not black), and is reversible. (ESY: Gunsmith or DIF: Small Arms (Rifle)). The trigger guard is large and can easily worked with normal or tactical gloves. The butt not only has a thick recoil pad, but it adjustable for LOP. (Upon request Remington will actually fit the stock to the shooter, for an appropriate fee.) The rifle also comes with comb inserts, from a high cheekpiece to flush with the stock (and still a soft cheekpiece). The stock, wrist, fore-end, trigger guard, aiming rib, are made of composites of various types, lightening and yet toughening the weapon, and allowing it to keep that flat black profile. The rest of the exposed metal is almost completely finished in matte black. The wrist and forend also have rubberized inserts on the grip panels to improve grip under the worst conditions. The Tactical is not as picky about ammunition as the standard Versa Max, and can fire a variety of loads or slugs or nonlethal loads, explosive loads, flamers, etc. Some trigger work has been done, reducing trigger pull weight to 4 pounds.

Those who are familiar with the Benelli shotguns of similar uses will feel at home with the Versa Max Tactical. In fact, some Benelli parts of some of their shotguns will fit into a Remington Versa Max Tactical.

Weapon	Ammunition	Weight	Magazines	Price
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Versa Max (26")	12 Gauge 2.75", 3", and 3.5"	3.63 kg	5 (2.75"), 4 (3"), 3 (3.5"); Tubular	\$815
Versa Max (28")	12 Gauge 2.75", 3", and 3.5"	3.67 kg	5 (2.75"), 4 (3"), 3 (3.5"); Tubular	\$826
Versa Max Tactical	12 Gauge 2.75", 3", and 3.5"	3.72 kg	10 (2.75"), 9 (3"), 8 (3.5"); Tubular	\$800

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Versa Max (26", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	4	Nil	57
Versa Max (26", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	65
Versa Max (26", 3.5")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	71
Versa Max (28", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62
Versa Max (28", 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	70
Versa Max (28", 3.5")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	77
Versa Max Tactical (2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	47
Versa Max Tactical (3")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	54
Versa Max Tactical (3.5")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	60

Remington V3 Field Sport

Notes: Sort of an amalgamation of the Model 1100 and the Versa Max, the V3 features the Model 1100's handiness and the Versa Max's Versaport operating system. The V3 combines the Versaport system's reliability and soft recoil into a sleek platform that is handier than either the Model 1100 or the Versa Max. It has the ease of takedown of the 1100. It has natural pointing qualities. It can digest any ammunition from sub-loaded 2.75" shells to hotloaded 3" magnums without a hiccup. There are two patterns to choose from: the V3 Field Sport Black Synthetic, in all-black, and the V3 Field Sport MO Blades (for Mossy Oak), a RealTree pattern based on swampy-type grass formations. They are both identical for game purposes (except for barrel lengths), and both have synthetic furniture. The sights are front and rear beads, connected by a light-colored ventilated sighting rib. A thick recoil pad is included on the butt, and the semi-pistol grip and fore-end have molded-in textured grip panels. The V3 is considered by some shooters to have too heavy a trigger pull (5.75 pounds) for a hunting weapon, but trigger pull is crisp and consistent. The magazine capacity is limited, as it is designed to be a civilian hunting weapon, but it can take an extended magazine, like most shotguns. The barrels are ported; along with the recoil pad and the V3's recoil-friendly operation design, the V3 has one of the softest recoil among shotguns of its type. The barrels are not chromed, but are smoothed, polished, and honed; the MO Blades version does not come with a 26-inch barrel. The action and barrel use a forced cone, which reduces recoil further (and unfortunately has no effect on the Recoil figure in game terms). The V3 can take both 2.75" and 3" shells loaded at the same time, without feed problems. The receiver does not have a Picatinny of Weaver rail, nor does it come with sight rings or any other optic, but it is drilled and tapped for all types of optic or rail.

Weapon	Ammunition	Weight	Magazines	Price
V3 Field Sport (26" Barrel)	12 Gauge 2.75" or 3"	3.23 kg	3 Tubular	\$861
V3 Field Sport (28" Barrel)	12 Gauge 2.75" or 3"	3.28 kg	3 Tubular	\$871

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
V3 Field Sport (26" Barrel, 2.75")	SA	5/1d5x32 or 2d6x8	2-3-Nil/Nil or Nil	8	2	Nil	57
V3 Field Sport (26" Barrel, 3")	SA	5/1d5x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	2	Nil	65
V3 Field Sport (28" Barrel, 2.75")	SA	5/1d5x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	2	Nil	74
V3 Field Sport (28" Barrel, 3")	SA	5/1d5x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	3	Nil	84

Savage 720

Notes: Very similar to the Remington 11R, the Savage 720 is also an American copy of the Browning Auto-5M. It was not marketed to police departments, but was meant to be a military shotgun. However, the US military never bought the Savage 720 in quantity, and today it is a rare find.

Weapon	Ammunition	Weight	Magazines	Price
Savage 720	12 Gauge 2.75"	3.6 kg	4 Tubular	\$581

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Savage 720	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or 1-Nil	6	4	Nil	43

SRM SRM-1216 Gen 2

Notes: The SRM-1216 is a big, semiautomatic shotgun fed from four tubular magazines below the barrel, each holding four rounds. It is surprisingly light for its size, due to the use of aluminum, polymer, and light steel alloys used in its construction. This provides flex room so that the SRM-1216 can fire almost any sort of 12-Gauge ammunition and lengths. The polymer magazine tubes are in a cluster of four, with each one rotating in place with the firing chamber. The barrel is 18 inches, and the receiver has a MIL-STD-1913 rail above it, and side rail forends. The barrel is cold-hammer forged and finished with a durable Nitride finish. The barrel has a Full Choke and does not take interchangeable chokes. The design is semi-bullpup and has a Zytel polymer stock with most of the mechanism within it. The four-barreled magazine hangs on a hook with magazine hangers on them, allowing the tubes to be reloaded quickly. Either single tubes or an entire magazine cluster can be reloaded at once. A further lever on the magazine hanger doubles as the front sight. The receiver is billet aluminum, and the spine of the weapon is reinforced. The chamber is fluted to reduce weight. The magazine rotates on its own, or can be rotated with the flip of a switch. Rotating manually takes one phase.

Some shooters have noticed that the magazine cluster and its parts get a bit hot after prolonged firing, and recommend wearing gloves.

Weapon	Ammunition	Weight	Magazines	Price
SRM-1216	12 Gauge 2.75", 3", and 3.5"	3.29 kg	4 Tubular (x4)	\$785

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
SRM-1216 (2.75")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	3	Nil	38
SRM-1216 (3")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	3	Nil	43
SRM-1216 (3.5")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	3	Nil	45

Weatherby SAS

Notes: The SAS (Semi-Automatic Shotgun) is the descendant of such Weatherby shotguns as the Centurion, Centurion II, and Eighty-Two. The SAS is built for Weatherby by Valtro of Italy (who also makes and sells a similar shotgun, the A930 SL). It was introduced in 1999. The SAS is operated by a self-regulating gas system which allows the shooter to fire many different types and loadings of cartridges. The stock contains a shock absorber to take up some of the recoil, and in addition, the butt has a thick recoil pad. The trigger mechanism may be removed from the weapon in one piece for maintenance (though it is not adjustable). The bolt catch incorporates a mechanism to cut off feed from the tubular magazine so that special rounds may be fired without emptying the magazine. The barrel wears a hard chrome lining. Above the barrel is a ventilated sighting rib which also contributes to head dispersion. The SAS at the time of introduction was available with a wooden or plastic stock (the latter in black or camouflage), but the line was revised in 2002, with separate sub-models being introduced with a synthetic stock. The chamber may take 3-inch or 2.75-inch shells. The SAS is sold with Briley IMC interchangeable chokes, and has a receiver made from aircraft aluminum. Up to three spacer rings may be placed between the receiver housing and stock to allow the length of the stock to be varied somewhat. They can also angle the stock somewhat to suit the shooter. There are several versions of the SAS.

SAS camouflage versions come in dark leaf pattern known as Break-Up or a straw motif known as Shadow Grass. The stocks are synthetic and overprinted with the camouflage pattern. The interchangeable chokes which come with the guns are Full, Modified, and Extra Full for the Break-Up or Modified, Improved Cylinder, and Skeet for the Shadow Grass. The two come in slightly different barrel lengths. The sighting rib is tipped with a special high-contrast plastic tube bead.

The SAS Field and Synthetic versions differ only in the stocks; the Field has walnut stock, while the Synthetic has a stock of matte black high-impact plastic. They have the same weight and use the same barrel lengths. They come with interchangeable chokes of Improved Cylinder, Modified, and Full.

The SAS Sporting Clays shotgun is designed not only for clays, but for fowling. The stock is walnut, and the barrels are the longest of the range. The interchangeable chokes supplied are Full, Modified, Improved Cylinder, and a pair of special Skeet chokes known as SC I and SC II.

Twilight 2000 Notes: The SAS does not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
SAS Break-Up (24" Barrel)	12 Gauge 2.75" and 3"	3.2 kg	3 Tubular	\$726

SAS Break-Up (26" Barrel)	12 Gauge 2.75" and 3"	3.4 kg	3 Tubular	\$737
SAS Shadow Grass (26" Barrel)	12 Gauge 2.75" and 3"	3.4 kg	3 Tubular	\$737
SAS Shadow Grass (28" Barrel)	12 Gauge 2.75" and 3"	3.6 kg	3 Tubular	\$747
SAS Field (26" Barrel)	12 Gauge 2.75" and 3"	3.2 kg	3 Tubular	\$727
SAS Field (28" Barrel)	12 Gauge 2.75" and 3"	3.4 kg	3 Tubular	\$737
SAS Synthetic (26" Barrel)	12 Gauge 2.75" and 3"	3.2 kg	3 Tubular	\$737
SAS Synthetic (28" Barrel)	12 Gauge 2.75" and 3"	3.4 kg	3 Tubular	\$747
SAS Sporting Clays (28" Barrel)	12 Gauge 2.75" and 3"	3.2 kg	3 Tubular	\$737
SAS Sporting Clays (30" Barrel)	12 Gauge 2.75" and 3"	3.4 kg	3 Tubular	\$747

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
SAS Break-Up (24", 2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	52
SAS Break-Up (24", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	59
SAS Break-Up (26", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	57
SAS Break-Up (26", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	3	Nil	65
SAS Shadow Grass (26", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	57
SAS Shadow Grass (26", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	3	Nil	65
SAS Shadow Grass (28", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	3	Nil	62
SAS Shadow Grass (28", 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	70
SAS Field/Synthetic (26", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	57
SAS Field/Synthetic (26", 3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	3	Nil	65
SAS Field/Synthetic (28", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	3	Nil	62
SAS Field/Synthetic (28", 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	70
SAS Sporting Clays (28", 2.75")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	3	Nil	62
SAS Sporting Clays (28", 3")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	70
SAS Sporting Clays (30", 2.75")	SA	5/1d6x32 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	67
SAS Sporting Clays (30", 3")	SA	5/1d6x36 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	76

Winchester 1400

Notes: Like Remington did with its Models 870 and 1100, Winchester decided to make a semiautomatic sister weapon to its Model 1200 in 1965, the Model 1400. The Model 1400 was designed to have as many parts in common as possible with the Model 1200, and to use the same barrel lengths and gauges of ammunition. However, the design of the Model 1400 did not allow for simple tubular magazine extensions – and this made making a military version (not to mention increasing the ammunition supply easily in civilian models) quite difficult. (Extended tubular magazines do exist for the civilian versions, but they are very rare.) This is primarily because the gas operation of the Model 1400 operated from the inside of the end of the tubular magazine, and therefore extended magazines would have to be specially-made for each length of magazine.

It took close to a year to overcome this problem. Winchester "fixed" the problem by simply doing away with the tubular magazine feed, and replacing it with a box-magazine feed. A sleeve was added in front of the trigger group, and the loading port for the tubular magazine became the rest of the magazine well. The ejection port was enlarged. Originally, modified M-14 magazines were used to feed the Model 1400, but these proved unreliable and new curved magazines were designed. There were more teething problems. The action of the box-fed version functioned so fast that the shells often could not rise into the chamber quickly enough, resulting in jams. This problem was solved by adding a special bolt catch, but this also increased the complexity of the Model 1400.

About this time (late 1966), the US Marine Corps was looking for a new semiautomatic combat shotgun, and Winchester decided to enter the Model 1400 into the competition. Unfortunately, the relative complexity of the Model 1400 Combat version and the fact that undisclosed bugs kept popping up meant that the Model 1400 was prone to stoppages for all sorts of reasons, especially when dirty or abused. The long 23-inch barrel was also frowned upon by the Marines. Winchester objected to what they called the harshness of the testing process, but it was in fact no different from that of any other small arms. Winchester then tried to shop the design to the Army. The Army agreed that it was a promising weapon, if it was just developed more, and the Army wasn't willing to fund such development. In 1969, work on the Model 1400 Combat was stopped, never to be continued. The Winchester 1400 Combat is now a very item to find indeed, and most of the prototypes are in storage or on display at Winchester or in US military museums and arsenals.

The Model 1400 Sporting (civilian) version continued on for a few more years, but eventually it too was discontinued, even though it did not have the problems of the Model 1400 Combat.

Construction of the Model 1400 consisted of wooden furniture, an aircraft aluminum receiver and magazine, and other metalwork of steel. The tubular magazine of the Sporting version looks big, but much room is taken up by the gas mechanism. Sights range from a ventilated sighting rib to rifle-type sights; the sights of the Combat version were designed to be similar to those of the M-14 rifle.

Weapon	Ammunition	Weight	Magazines	Price
Winchester 1400 (22" Barrel)	12 Gauge 2.75"	3.12 kg	3 Tubular	\$595
Winchester 1400 (26" Barrel)	12 Gauge 2.75"	3.19 kg	3 Tubular	\$615
Winchester 1400 (28" Barrel)	12 Gauge 2.75"	3.23 kg	3 Tubular	\$626

Winchester 1400 (22" Barrel)	16 Gauge 2.75"	2.98 kg	3 Tubular	\$514
Winchester 1400 (26" Barrel)	16 Gauge 2.75"	3.05 kg	3 Tubular	\$535
Winchester 1400 (28" Barrel)	16 Gauge 2.75"	3.09 kg	3 Tubular	\$545
Winchester 1400 (22" Barrel)	20 Gauge 2.75"	2.89 kg	3 Tubular	\$463
Winchester 1400 (26" Barrel)	20 Gauge 2.75"	2.96 kg	3 Tubular	\$483
Winchester 1400 (28" Barrel)	20 Gauge 2.75"	3 kg	3 Tubular	\$493
Winchester 1400 (22" Barrel)	28 Gauge 2.75"	2.77 kg	3 Tubular	\$398
Winchester 1400 (26" Barrel)	28 Gauge 2.75"	2.84 kg	3 Tubular	\$418
Winchester 1400 (28" Barrel)	28 Gauge 2.75"	2.88 kg	3 Tubular	\$428
Winchester 1400 Combat	12 Gauge 2.75"	3.06 kg	8	\$597

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Winchester 1400 (12 GA, 22")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	47
Winchester 1400 (12 GA, 26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	57
Winchester 1400 (12 GA, 28")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
Winchester 1400 (16 GA, 22")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	43
Winchester 1400 (16 GA, 26")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	52
Winchester 1400 (16 GA, 28")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	56
Winchester 1400 (20 GA, 22")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	40
Winchester 1400 (20 GA, 26")	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	48
Winchester 1400 (20 GA, 28")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	52
Winchester 1400 (28 GA, 22")	SA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	6	3	Nil	36
Winchester 1400 (28 GA, 26")	SA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	7	4	Nil	43
Winchester 1400 (28 GA, 28")	SA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	7	4	Nil	47
Winchester 1400 Combat	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	50

Winchester Super X2

Notes: This was originally a sporting shotgun based on the Super X. It was introduced in 1999, and is a gas-operated semiautomatic shotgun with a mechanism that automatically compensates for rounds of differing loadings or types. The standard Super X2 comes in Magnum Walnut and Magnum Stalker versions; they are essentially identical, except that the Magnum Walnut model has a walnut stock and fore-end (with a thick recoil pad on the butt) and a standard ventilated sighting rib above the barrel, while the Magnum Stalker uses a black high-impact plastic stock and fore-end and has sight beads on the front and midway down the barrel rib. These two versions have 30-inch barrels and weigh and shoot the same for game purposes. The Hunter Walnut and Hunter Stalker are similar to the Magnum Walnut and Magnum Stalker, but they fire 3-inch shells instead of 3.5-inch shells, and come in three barrel lengths. Another type is the Camo, which is essentially similar to the Hunter Stalker for game purposes with the exception of having no sight beads. These guns use Invector interchangeable chokes.

In 2001, the Super X2 Sporting Clays appeared. This version is similar to the Hunter Walnut, but uses 28 or 30-inch barrels, has back-bored barrels, and has a stock equipped with spacers to allow a more customized fit for the shooter. The stock, fore-end, and metalwork are finished with a low-glare finish. The Sporting Clays is equipped with Invector-Plus interchangeable chokes of five types.

In the same year, Winchester introduced the Practical, which is a high-capacity magnum shotgun designed for police use. This gun has a short 22-inch barrel, an attachment rail for optics, an adjustable rear leaf sight, and a front sight bead with a TruGlo glass fiber insert. It has an extended magazine, and the stock and fore-end are of composites. In 2002, the Practical Mk II appeared, this is essentially similar to the Practical, but the rear sights are interchangeable Ghost Ring or adjustable leaf sight, and the front sight is a TruGlo fiberoptic sight. It also has a cantilever rail based on the Picatinny Rail. It can therefore mount a wide variety of optics, though not as wide a variety as a genuine MIL-STD-1913 rail.

In 2003, the Greenhead was introduced; this version is designed especially for fowling, has 3.5-inch chambers with Invector-Plus interchangeable chokes. It is somewhat heavier than the Magnum Stalker, and uses a synthetic stock colored in a greenish-teal color known as "Greenhead." Also in 2003, the Cantilever Deer was introduced; this version is specially designed for slug throwing, with a short 22-inch barrel, synthetic stock and fore-end, and rifle-type sights, along with a cantilever rail similar to the one used with the Practical Mk II above.

Some new versions to the line are the NWTF Turkey, with a synthetic stock and fore-end, and finished in camouflage of either a "Mossy Oak Obsession" or "Mossy Oak Break-Up" pattern. The barrel is 24 inches long and equipped with a fixed choke of Extra Full. The NWTF Turkey has a ventilated sighting rib equipped with three-dot TruGlo sights on the rib. It can fire shells from 2.75 to 3.5 inches in length.

The Universal Hunter Field is designed to be an all-purpose gun; it fires 3.5-inch shells. The stock and fore-end are synthetic, and the gun is finished in either of the Mossy Oak camouflage patterns. The barrel is 26 inches long, has a sighting rib and is equipped with Invector-Plus interchangeable chokes. The gun has a sling. The Universal Hunter Turkey is essentially the same weapon, but the Invector-Plus chokes include an Extra-Full choke.

The Light Field is just that – a lighter version of the Super X2. Despite the light weight, it still comes with medium and long barrels,

and has a walnut stock and fore-end. The barrels use Invector-Plus interchangeable chokes.

Twilight 2000 Notes: None of these shotguns are available in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Super X2 Magnum Walnut	12 Gauge 3.5"	3.5 kg	3 Tubular	\$836
Super X2 Magnum Stalker	12 Gauge 3.5"	3.5 kg	3 Tubular	\$845
Super X2 Hunter Walnut (24" Barrel)	12 Gauge 3"	3.35 kg	4 Tubular	\$713
Super X2 Hunter Walnut (26" Barrel)	12 Gauge 3"	3.43 kg	4 Tubular	\$723
Super X2 Hunter Walnut (28" Barrel)	12 Gauge 3"	3.5 kg	4 Tubular	\$733
Super X2 Hunter Stalker (24" Barrel)	12 Gauge 3"	3.35 kg	4 Tubular	\$723
Super X2 Hunter Stalker (26" Barrel)	12 Gauge 3"	3.43 kg	4 Tubular	\$733
Super X2 Hunter Stalker (28" Barrel)	12 Gauge 3"	3.5 kg	4 Tubular	\$743
Super X2 Sporting Clays (28" Barrel)	12 Gauge 3"	3.62 kg	4 Tubular	\$733
Super X2 Sporting Clays (30" Barrel)	12 Gauge 3"	3.74 kg	4 Tubular	\$743
Super X2 Practical/Mk II	12 Gauge 3"	3.63 kg	8 Tubular	\$714
Super X2 Greenhead	12 Gauge 3.5"	3.63 kg	3 Tubular	\$826
Super X2 Cantilever Deer	12 Gauge 3"	3.29 kg	4 Tubular	\$713
Super X2 NWTF Turkey	12 Gauge 2.75", 3", and 3.5"	3.4 kg	5 (2.75", 4 (3", 3 (3.5")); Tubular	\$805
Super X2 Hunter Field/Turkey	12 Gauge 3.5"	3.52 kg	3 Tubular	\$815
Super X2 Light Field (26" Barrel)	12 Gauge 3"	2.95 kg	4 Tubular	\$727
Super X2 Light Field (28" Barrel)	12 Gauge 3"	3.06 kg	4 Tubular	\$737

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Super X2 Magnum Walnut/Stalker	SA	5/1d6x36 or 2d6x8 or 3d6x4	2-4-Nil/Nil or 1-Nil or 1-Nil	8	5	Nil	83
Super X2 Hunter Walnut/Stalker (24" Barrel)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	59
Super X2 Hunter Walnut/Stalker (26" Barrel)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	65
Super X2 Hunter Walnut/Stalker (28" Barrel)	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70
Super X2 Sporting Clays (28" Barrel)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	5	Nil	70
Super X2 Sporting Clays (30" Barrel)	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	76
Super X2 Practical/Mk II	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	54
Super X2 Greenhead	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	77
Super X2 Cantilever Deer	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	54
Super X2 NWTF Turkey (2.75")	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	52
Super X2 NWTF Turkey (3")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	59
Super X2 NWTF Turkey (3.5")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	7	5	Nil	65
Super X2 Hunter Field/Turkey	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	71
Super X2 Light Field (26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	65
Super X2 Light Field (28")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70

Winchester Super X3

Notes: This is essentially the current production version of the Super X2. It too comes in several versions.

The Ultimate Sporting Adjustable has furniture in grade II or III walnut with a satin oil finish. It has an adjustable cheekpiece, red ergonomic controls and magazine tube endcap. The controls are reversible. It has the Versaport porting for reduced recoil. The receiver is nickel-plated, while the barrel is finished in Perma-Cote. The bore and chamber are chromed. It is meant for sport shooters, and has TRUEGLO fiberoptic front sight and ventilated sight rib. A middle sight bead is in white. It has a back-bored barrel (reduces recoil, but has no effect in game terms). It has the Active Valve system for reliability and recoil reduction; operation is by gas. The butt has a Pachmayer Decelerator recoil pad. The trigger pack drops out for maintenance. The Ultimate Sporting Adjustable comes with five Signature choke tubes to allow the user to set almost any choke desired (Light Full, Improved Modified, Modified, Improved Cylinder, and Skeet). The barrel is 28, 30, or 32 inches.

The Composite Sporting Carbon Fiber is mostly the same as the Ultimate Sporting Adjustable, but does not have the adjustable cheekpiece and has synthetic furniture wrapped in carbon fiber. The receiver is matte nickel instead of bright nickel. The drop and cast are adjustable through shims. The receiver and barrel are the same. Other details are the same as the Ultimate Sporting Adjustable. The Composite Sporting is the same shotgun without the carbon fiber wrapping, but for game purposes, is identical to the Composite Sporting Carbon Fiber, except for costing \$1 more.

The Field is a subset of the Ultimate Sporting Adjustable. It walnut is Grade I, but still with a satin oil finish. The receiver is light aluminum alloy instead of steel. It has the same back boring and ventilated sighting rib, but has a brass bead front sight. The bore

and chamber are still chrome-plated, but the choke tubes supplied are Invector-Plus tubes, a slightly lesser quality. It retains the Active Valve System, but does not have the Versaport System. The controls are reversible instead of ambidextrous, and the drop-out trigger group remains, but it is not adjustable. Most importantly, the barrel choices are shorter and the gauges include 20 gauge. The shells are 3-inch Magnums instead of 2.75" shells. It is much lighter, so recoil is stiff. The Field Compact is essentially the same, but lighter and with a shorter length of pull for smaller shooters.

The Black Shadow is made of, as the name would indicate all-black synthetic furniture and black Cerekote receiver and barrel. Gripping surfaces are textured, along with a hand swell on the fore-end. It has the Active Valve system, which increases reliability and reduces recoil; the Inflex Technology recoil pad reduces this further. The Active Valve System also allows the Black Shadow to digest nearly any load. The Black Shadow is back bored and has a chrome-plated bore and chamber. It has a ventilated sighting rib and a brass bead front sight. The Black Shadow is equipped with Quadra-Vent ports to further decrease felt recoil. It has ambidextrous controls and a drop-out trigger pack for maintenance (though this is not adjustable). Cast and drop of the stock are adjustable through the use of shims, and LOP is adjustable through the use of spacers.

The Cantilever Buck is a slugster, with a rifled barrel for use with slugs but able to handle buckshot as well; it does especially well with sabot slugs. The name "Cantilever" refers to the Cantilever Scope Mounting System, which, though it is not a Picatinny rail, is essentially a Weaver Rail and can mount most scopes and some other optical devices and accessories. It has the Active Valve reliability/recoil reduction technology. It has an alloy receiver finished in black Cerekote, as is the barrel; the bore and chamber is back-bored and chromed. It has a TRUEGLO fiberoptic front sight and an adjustable rear sight, like a rifle. It has reversible controls and a drop-out trigger group. It can use cast and drop adjustments using shims, and LOP spacers. It has the Inflex Technology recoil pad. The furniture is synthetic; magazine capacity is reduced as some sabot slug shells are longer than normal.

The Waterfowl is designed specifically for duck and goose hunters. As such, its native choke is full, though it comes with Invector Plus screw-in choke tubes to handle other situations or when you want a different pattern. Like most Super X3s, it has back-boring and a chrome-plated chamber and bore. It is optimized for buckshot, though it is also capable of firing slugs. It has a full-length ventilated sighting rib with a TRUGLO Long Bead fiberoptic front sight. It used the Active Valve system, and is able to digest most loads. It fires a supermagnum shell. It uses Quadra-Vent Ports to reduce recoil, and has an Inflex Technology recoil pad. The controls are reversible for left-handed shooters. It is adjustable for drop and cast by the use of shims, and LOP by spacers. Furniture is synthetic, and the entire gun is finished in Mossy Oak Shadow Grass Blades camouflage.

The Universal Hunter is almost the same gun as the Waterfowl, but uses Mossy Oak Break-Up camouflage, and does not fire supermagnum shells. It is otherwise, for game purposes, the same as the Waterfowl.

The Cantilever Turkey is almost the same as the Cantilever Buck, but has a longer barrel, no rifling, and the screw-in Invector Choke tubes include the Extra-Full Turkey choke. Its 12-gauge shell is a supermagnum.

The Long Beard is equipped with an extended Briley Extra-Full Turkey Full Beard choke tube, and the synthetic stock is equipped with a pistol grip. The Briley tube is also an Invector-Plus tube, and the gun comes with three other such tubes. The angle of the pistol grip, drop, and cast are adjustable through the use of shims; LOP is adjustable through the use of spacers. The cheekpiece is raised and padded; the butt may be equipped with one of three recoil pads to further adjust the LOP. The stock is equipped with textured gripping surfaces. It is back-bored, with a chromed chamber and bore. It has a Weaver-type cantilever rail to attach most optics and accessories. Quadra-Vent ports reduce felt recoil, the trigger group drops out, and the controls are reversible. Barrel is 24 inches, for use against turkeys and fast-flying waterfowl. The entire gun has a Mossy Oak Break-Up Country finish. Except for this, the Long Beard is identical to the Cantilever Turkey in 12 Gauge, for game purposes.

Weapon	Ammunition	Weight	Magazines	Price
Ultimate Sporting Adjustable (28" Barrel)	12 Gauge 2.75"	3.45 kg	5 Tubular	\$742
Ultimate Sporting Adjustable (30" Barrel)	12 Gauge 2.75"	3.5 kg	5 Tubular	\$753
Ultimate Sporting Adjustable (32" Barrel)	12 Gauge 2.75"	3.55 kg	5 Tubular	\$763
Composite Sporting Carbon Fiber (28" Barrel)	12 Gauge 2.75"	3.29 kg	5 Tubular	\$754
Composite Sporting Carbon Fiber (30" Barrel)	12 Gauge 2.75"	3.4 kg	5 Tubular	\$764
Composite Sporting Carbon Fiber (32" Barrel)	12 Gauge 2.75"	3.52 kg	5 Tubular	\$774
Field (26" Barrel)	12 Gauge 3"	3.06 kg	5 Tubular	\$727
Field (28" Barrel)	12 Gauge 3"	3.12 kg	5 Tubular	\$737
Field (26" Barrel)	20 Gauge 3"	2.89 kg	5 Tubular	\$583
Field (28" Barrel)	20 Gauge 3"	2.95 kg	5 Tubular	\$593
Field Compact (24" Barrel)	12 Gauge 3"	3.01 kg	5 Tubular	\$717
Field Compact (26" Barrel)	12 Gauge 3"	3.06 kg	5 Tubular	\$727
Field Compact (28" Barrel)	12 Gauge 3"	3.12 kg	5 Tubular	\$737
Field Compact (24" Barrel)	20 Gauge 3"	2.83 kg	5 Tubular	\$573
Field Compact (26" Barrel)	20 Gauge 3"	2.89 kg	5 Tubular	\$583

Field Compact (28" Barrel)	20 Gauge 3"	2.95 kg	5 Tubular	\$593
Black Shadow (26" Barrel)	12 Gauge 3.5"	3.18 kg	4 Tubular	\$869
Black Shadow (28" Barrel)	12 Gauge 3.5"	3.23 kg	4 Tubular	\$879
Black Shadow (26" Barrel)	12 Gauge 3"	3.18 kg	5 Tubular	\$786
Black Shadow (28" Barrel)	12 Gauge 3"	3.29 kg	5 Tubular	\$796
Black Shadow (26" Barrel)	20 Gauge 3"	3.01 kg	5 Tubular	\$642
Black Shadow (28" Barrel)	20 Gauge 3"	3.06 kg	5 Tubular	\$652
Cantilever Buck (22" Barrel)	12 Gauge 3"	3.52 kg	4 Tubular	\$716
Cantilever Buck (22" Barrel)	20 Gauge 3"	3.4 kg	4 Tubular	\$572
Waterfowl (26" Barrel)	12 Gauge 3.5"	3.18 kg	4 Tubular	\$869
Waterfowl (28" Barrel)	12 Gauge 3.5"	3.23 kg	4 Tubular	\$879
Waterfowl (26" Barrel)	12 Gauge 3"	3.18 kg	5 Tubular	\$786
Waterfowl (28" Barrel)	12 Gauge 3"	3.23 kg	5 Tubular	\$796
Waterfowl (26" Barrel)	20 Gauge 3"	3.01 kg	5 Tubular	\$642
Waterfowl (28" Barrel)	20 Gauge 3"	3.06 kg	5 Tubular	\$652
Cantilever Turkey (24" Barrel)	12 Gauge 3.5"	3.4 kg	4 Tubular	\$858
Cantilever Turkey (24" Barrel)	20 Gauge 3"	3.23 kg	4 Tubular	\$632

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Ultimate Sporting Adjustable (28")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	3	Nil	62
Ultimate Sporting Adjustable (30")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	67
Ultimate Sporting Adjustable (32")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	9	4	Nil	72
Composite Sporting Carbon Fiber (28")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	3	Nil	62
Composite Sporting Carbon Fiber (30")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	67
Composite Sporting Carbon Fiber (32")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	9	4	Nil	72
Field (26", 12 GA)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	65
Field (28", 12 GA)	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70
Field (26", 20 GA)	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	55
Field (28", 20 GA)	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	59
Field (24", 12 GA)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	59
Field (26", 12 GA)	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	65
Field (28", 12 GA)	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70
Field (24", 20 GA)	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	50
Field (26", 20 GA)	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	55
Field (28", 20 GA)	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	59
Black Shadow (12 GA 3.5", 26")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	71
Black Shadow (12 GA 3.5", 28")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	77
Black Shadow (12 GA 3", 26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	3	Nil	65
Black Shadow (12 GA 3", 28")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	70
Black Shadow (20 GA 3", 26")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	3	Nil	55
Black Shadow (20 GA 3", 28")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	3	Nil	59
Cantilever Buck (12 GA)	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	54
Sabot Slug	SA	5	1-2-3	7	4	Nil	65
Cantilever Buck (20 GA)	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	46
Sabot Slug	SA	4	1-2-3	7	4	Nil	55

Waterfowl (12 GA 3.5", 26")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	71
Waterfowl (12 GA 3.5", 28")	SA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	77
Waterfowl (12 GA 3", 26")	SA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	3	Nil	65
Waterfowl (12 GA 3", 28")	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	70
Waterfowl (20 GA 3", 26")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	3	Nil	55
Waterfowl (20 GA 3", 28")	SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	3	Nil	59
Cantilever Turkey (12 GA)	SA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	65
Cantilever Turkey (20 GA)	SA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	3	Nil	50