

## **Pump-Action Shotguns (including Pump/Semiautomatic Shotguns)**



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**Browning BPS**

Notes: This is a fairly common and inexpensive shotgun with a sighting rib. It was designed by Joseph Badali, a then-new designer to FN, though he had worked at Winchester for over 23 years, including some exotic projects like the SPIW and less-exotic military and civilian rifles.

The BPS is designed for 3" magnum shells, and five barrel lengths are available. It was built by Miroku in Japan, and though it was introduced in North America in 1977, it was not introduced to Europe until 1980, where it was known by the nickname of "Trombone." The various models are basically identical for game purposes. They are all equipped with Invector interchangeable chokes.

Variants include the BPS Realtree Max-5, with Realtree finish all over the rifle, a 3.5-inch chamber, and synthetic furniture. The Realtree Max-5 uses a 28-inch barrel and 12 Gauge only. It has a recoil pad on the butt.

The BPS Medallion has a gloss blued metalwork finish, scroll engraving of the receiver, bottom ejection, gloss oil-finished grade II or III walnut, and a silver bead sight atop the sighting rail. It is simply a fancy version of the standard BPS. The BPS also comes with Grade II walnut and with a fully engraved receiver with gold inlay. For game purposes, it is as the standard BPS. The BPS Mossy Oak Shadow Grass Blades comes with synthetic furniture and a recoil pad, and in 12-Gauge has a 26-inch barrel. In 10-Gauge, it comes with a 26-inch barrel, and uses supermagnum shells. The BPS Mossy Oak Break-Up Country has a different camouflage pattern and is heavier, but is otherwise like the 10-Gauge Mossy Oak Shadow Grass Blades. The BPS Rifled Deer uses 22-inch rifled barrel and is not designed for shot. It uses the same camouflage as the BPS Mossy Oak Break-Up Country. The Rifled Deer Hunter is the same, but has a MIL-STD-1913 rail above the receiver and otherwise no sights or a barrel rib. The BPS Hunter is a high-grade, but identical for game terms, version of the standard BPS 12-Gauge with a 26-inch barrel. It has oil-finished wood and a blued receiver and barrel.

The Micro Midas is a youth version also useful for small persons. It has a 22-inch barrel, two hard plates which can be inset into the recoil pad, oil-finished wood, and blued metalwork. The Upland Special also has a 22-inch barrel, but it has a straight-wrist stock and no recoil pad. The BPS Trap and Micro Trap differ primarily in their barrels; the Trap has a 30-inch barrel and the Micro Trap has a 28-inch barrel. Both have a premium recoil pad, a nickel-plated receiver with elaborate engraving, and a polished blue barrel and barrel rib. The stocks are of Grade I oil-finished Black Walnut, and both fire less-powerful ammunition than most BPSs. Front sights are HiViz fiberoptics.

The BPS Stalker is sort of a plain synthetic-stocked version of the BPS. It uses a deep semi-pistol grip and molded texturing on the grip and the slide (which is polymer over light alloy). The stock and slide are matte black synthetic; the external metalwork is matte blued. The butt has a recoil pad, and many ancillary metal parts (like the trigger and trigger guard) are of light alloy. The Stalker has a 26-inch barrel. The 10-Gauge Stalker at first sounds like a larger version of the Stalker; however, its stock is of matte black composite material with a matte black Dura-Touch Armor finish for the metalwork. It has a forged and machined steel receiver and duel steel action bars. It too has a 26-inch barrel.

Weapon	Ammunition	Weight	Magazines	Price
<b>BPS (24" Barrel)</b>	10 Gauge 3" Magnum	3.48 kg	5 Tubular	\$986
<b>BPS (26" Barrel)</b>	10 Gauge 3" Magnum	3.58 kg	5 Tubular	\$996
<b>BPS (28" Barrel)</b>	10 Gauge 3" Magnum	3.69 kg	5 Tubular	\$1007
<b>BPS (30" Barrel)</b>	10 Gauge 3" Magnum	3.79 kg	5 Tubular	\$1017
<b>BPS (32" Barrel)</b>	10 Gauge 3" Magnum	3.9 kg	5 Tubular	\$1027
<b>BPS (24" Barrel)</b>	12 Gauge 3" Magnum	3.32 kg	5 Tubular	\$889
<b>BPS (26" Barrel)</b>	12 Gauge 3" Magnum	3.42 kg	5 Tubular	\$899
<b>BPS (28" Barrel)</b>	12 Gauge 3" Magnum	3.52 kg	5 Tubular	\$909
<b>BPS (30" Barrel)</b>	12 Gauge 3" Magnum	3.62 kg	5 Tubular	\$919
<b>BPS (32" Barrel)</b>	12 Gauge 3" Magnum	3.72 kg	5 Tubular	\$930
<b>BPS (24" Barrel)</b>	20 Gauge 3" Magnum	2.96 kg	5 Tubular	\$673
<b>BPS (26" Barrel)</b>	20 Gauge 3" Magnum	3.05 kg	5 Tubular	\$684
<b>BPS (28" Barrel)</b>	20 Gauge 3" Magnum	3.14 kg	5 Tubular	\$694
<b>BPS (30" Barrel)</b>	20 Gauge 3" Magnum	3.23 kg	5 Tubular	\$704
<b>BPS (32" Barrel)</b>	20 Gauge 3" Magnum	3.32 kg	5 Tubular	\$713
<b>BPS Realtree Max-5</b>	12 Gauge 3.5" Magnum	3.04 kg	5 Tubular	\$1042
<b>BPS Mossy Oak Shadow Grass Blades</b>	12 Gauge 3"	3.63 kg	4 Tubular	\$982
<b>BPS Mossy Oak Shadow Grass Blades</b>	10 Gauge 3.5"	4.76 kg	4 Tubular	\$1285
<b>BPS Mossy Oak Break-Up Country</b>	10 Gauge 3.5"	4.9 kg	4 Tubular	\$1285
<b>BPS Rifled Deer</b>	12 Gauge 3"	3.46 kg	4 Tubular	\$962
<b>BPS Micro Midas</b>	12 Gauge 3"	3.4 kg	4 Tubular	\$949
<b>BPS Upland Special</b>	12 Gauge 3"	3.4 kg	4 Tubular	\$874
<b>BPS Trap</b>	12 Gauge 2.75"	3.69 kg	4 Tubular	\$928
<b>BPS Micro Trap</b>	12 Gauge 2.75"	3.69 kg	4 Tubular	\$918

<b>BPS Stalker</b>	12 Gauge 3"	3.63 kg	4 Tubular	\$982
<b>BPS 10-Gauge Stalker</b>	10 Gauge 3.5"	4.71 kg	4 Tubular	\$1284
<b>BPS Rifled Deer Hunter</b>	12 Gauge 3"	3.46 kg	4 Tubular	\$972

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>BPS (10GA 24")</b>	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	53
<b>BPS (10GA 26")</b>	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	57
<b>BPS (10GA 28")</b>	PA	5/1d6x40 or 2d6x8 or 3d6x4	2-3-Nil/Nil or 1-Nil or Nil	8	6	Nil	62
<b>BPS (10GA 30")</b>	PA	5/1d6x40 or 2d6x8 or 3d6x4	2-3-Nil/Nil or 1-Nil or Nil	9	6	Nil	67
<b>BPS (10GA 32")</b>	PA	5/1d6x40 or 2d6x8 or 3d6x4	2-3-Nil/Nil or 1-Nil or Nil	9	6	Nil	72
<b>BPS (12GA 24")</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	49
<b>BPS (12GA 26")</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	54
<b>BPS (12GA 28")</b>	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	58
<b>BPS (12GA 30")</b>	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	63
<b>BPS (12GA 32")</b>	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	9	6	Nil	68
<b>BPS (20GA 24")</b>	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	42
<b>BPS (20GA 26")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	45
<b>BPS (20GA 28")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	49
<b>BPS (20GA 30")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	53
<b>BPS (20GA 32")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	57
<b>BPS Realtree Max-5</b>	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	77
<b>BPS Mossy Oak Shadow Grass Blades (12GA)</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	5	Nil	65
<b>BPS Mossy Oak Shadow Grass Blades (10GA)</b>	PA	5/1d6x40 or 2d6x8 or 3d6x4	2-4-Nil/Nil or 1-Nil or 1-Nil	8	4	Nil	75
<b>BPS Rifled Deer</b>	PA	6	2-4-Nil	7	5	Nil	85
<b>BPS Micro Midas</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	54
<b>BPS Upland Special</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	54
<b>BPS Trap</b>	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	67
<b>BPS Micro Trap</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62
<b>BPS Stalker</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	65
<b>BPS 10-Gauge Stalker</b>	PA	5/1d6x40 or 2d6x8 or 3d6x4	2-4-Nil/Nil or 1-Nil or 1-Nil	8	4	Nil	75

### Browning BPS-SP

Notes: This is a police version of the BPS above. The BPS-SP has been strengthened to withstand the punishment that can be placed on such service weapons and to decrease the possibility of jamming or other malfunctions. The BPS-SP cannot chamber a round without positive movement of the slide, and live rounds cannot be accidentally be ejected from the weapon. The finish is treated to require the least possible maintenance.

Weapon	Ammunition	Weight	Magazines	Price
<b>BPS-SP</b>	12 Gauge (2 3/4" or 3")	3.14 kg	8 (2 3/4") or 7 (3")	\$945

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>BPS-SP (2 3/4")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	43
<b>BPS-SP (3")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or 1-Nil	6	4	Nil	52

### FN Tactical Police Shotgun

Notes: The Tactical Police Shotgun shares a buttstock and pistol grip with the M-4 Carbine. It is designed for throwing any type of ammunition, from batons to tungsten shot. The receiver is topped with a Picatinny Rail for maximum flexibility of sighting systems. The Tactical Police Shotgun is also a derivative of the Winchester 1300, which is a common weapon in many world police departments. The TPS is designed primarily for police and paramilitary forces, but has been seen in the hands of US troops in Afghanistan.

Twilight 2000 Notes: This weapon does not exist.

Weapon	Ammunition	Weight	Magazines	Price
<b>Tactical Police Shotgun (18" Barrel)</b>	12 Gauge 3"	2.94 kg	7 Tubular	\$888

<b>Tactical Police Shotgun (14" Barrel)</b>	12 Gauge 3"	2.64 kg	4 Tubular	\$867
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<b>Weapon</b>	<b>ROF</b>	<b>Damage</b>	<b>Pen</b>	<b>Bulk</b>	<b>SS</b>	<b>Burst</b>	<b>Range</b>
<b>Tactical Police Shotgun (18")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5/6	5	Nil	36
<b>Tactical Police Shotgun (14")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	4/5	5	Nil	25

**Birmingham Gunmakers Mk 5/Mk 6**

Notes: These are short shotguns that are designed for MOU and room-clearing operations. Despite their short lengths, they have full-sized barrels and are capable of combat at range as well as close-up. They have large tubular magazines, and are equipped with high-efficiency muzzle brakes. The large trigger guards make them useful when wearing heavy gloves. They can fire any sort of 12-Gauge ammunition of the appropriate measurements.

Twilight 2000 Notes: This was one of the SAS and SBS's favorite room-clearing weapons.

Merc 2000 Notes: This weapon has been adopted by several unnamed military forces as well as by a large amount of European police departments.

Weapon	Ammunition	Weight	Magazines	Price
Mk 5	12 Gauge 2 3/4" or 3"	2.9 kg	6 Tubular	\$786
Mk 6 (24" Barrel)	12 Gauge 2 3/4" or 3"	3.2 kg	8 Tubular	\$838
Mk 6 (26" Barrel)	12 Gauge 2 3/4" or 3"	3.36 kg	9 Tubular	\$848

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Mk 5 (2 3/4")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	3	5	Nil	32
Mk 5 (3")	PA	4/1d8x28 or 2d6x8	2-3-Nil/Nil or 1-Nil	3	5	Nil	30
Mk 6 (2 3/4", 24")	PA	4/1d8x28 or 2d6x8	2-3-Nil/Nil or Nil	6	5	Nil	52
Mk 6 (3", 24")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	6	5	Nil	49
Mk 6 (2 3/4", 26")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	6	5	Nil	57
Mk 6 (3", 26")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	6	5	Nil	54

**Viking SOS**

Notes: This shotgun is primarily known for its unorthodox appearance, said by some to be a combination of M-16 and SPAS-12. Viking says that it does have some utility as a sporting gun; it was designed primarily for use by civilians in home defense. It is thus easy to care for, uses one of the larger-sized magazines in a short-barreled shotgun, and tries to strike a balance between enough weight to keep barrel climb down and not being too heavy for the average out-of-shape homeowner. The barrel is equally-suited to firing shot, slugs, rubber rounds, batons, or even exotic loads such as rock salt! The biggest defect in the design is that one normally needs a gunsmith to adjust the sights; the Viking is not meant to go out of the dealer's building without some sort of training for the buyer, and adjusting the sights is supposed to be part of this process. The shape of the stock is more meant to be trapped under the arm and the weapon fired from the hip than for the weapon to be aimed, and many users found that the Viking does not shoulder very well. As gun ownership laws in Great Britain could be a bit draconian, there was more export than domestic sales of the Viking.

Weapon	Ammunition	Weight	Magazines	Price
Viking SOS	12 Gauge	3.37 kg	7 Tubular	\$777

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Viking SOS	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	5	Nil	56

**Norinco HP9-1**

Notes: The core of the HP9-1 is an unapologetic copy of the Remington 870P, which is a widely distributed design that is no longer under patent protection. This chassis is placed in a proprietary stock and slide and voila – you have an ostensibly new shotgun. The HP9-1, also known as the N870 and M982, comes in three barrel lengths, 12.5 inches, 14 inches, and 18 inches. It is hard Parkerized to be corrosion and rust resistant. 12.5 and 14-inch barrel length versions usually have a foregrip on the pump slide, and the 12.5-inch version is equipped with a pistol grip and without a shoulder stock. The 14-inch version is normally equipped with a shoulder stock and a pistol grip, while the 18-inch version has a conventional shoulder stock. 18-inch versions are normally meant for export sales to civilians, while shorter versions are meant for sales to military and law enforcement concerns. Depending on the exact model, the HP9-1 may have a front fiberoptic sight and rear notch, or ghost ring rifle-type sights. Stocks, pistol grips, foregrips, and pump slides are normally of synthetic material.

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

Weapon	Ammunition	Weight	Magazines	Price
HP9-1 (12.5" Barrel)	12 Gauge 2 3/4" and 3"	2.34 kg	3 Tubular	\$809
HP9-1 (14" Barrel)	12 Gauge 2 3/4" and 3"	2.99 kg	4 Tubular	\$847
HP9-1 (18" Barrel)	12 Gauge 2 3/4" and 3"	3.19 kg	7 Tubular	\$869

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
HP9-1 (12.5" Barrel, 2.75")	PA	4/1d6x20 or 2d6x8	2-3-Nil/Nil or 1-Nil	4	5	Nil	23
HP9-1 (12.5" Barrel, 3")	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	4	5	Nil	25
HP9-1 (14" Barrel, 2.75")	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	5	Nil	27
HP9-1 (14" Barrel, 3")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	5	Nil	30
HP9-1 (18" Barrel, 2.75")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	38
HP9-1 (18" Barrel, 3")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	43

**Norinco M97**

Notes: This is a Chinese copy of the Winchester Model 97 shotgun. It was designed primarily for export to the US, for use by those in the Cowboy Shooting crowd. The parts cannot be interchanged with those of the Winchester 97, but in virtually all other respects, the Norinco M97 looks just like a Winchester Model 97. The action of the weapon is very smooth, but the stock is done in such a slick finish that the firing hand can ride up on the stock quite a bit and get bitten by the exposed bolt when cycling the gun rapidly.

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

Weapon	Ammunition	Weight	Magazines	Price
M97	12 Gauge 2.75"	3.18 kg	5 Tubular	\$808

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M97	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	43

### Armstrong Philippines Model 30R/30DG/30P/30RP

Notes: These shotguns are based on the South African branch's old Model 30D shotgun. They are known for smooth operation, reliability, ease of maintenance, and low cost. The Model 30R uses a standard sight and a 5-round magazine; the Model 30DG uses a hooded foresight and an adjustable rear sight for greater accuracy with slugs. It also has an extended tubular magazine. The 30P and RP are shortened 30R's; the 30P has a "whippit" gun configuration and a short 4-round magazine, while the 30RP has a stockless pistol grip configuration and a longer 5-round magazine.

Weapon	Ammunition	Weight	Magazines	Price
Model 30R	12 Gauge 2 3/4"	3.06 kg	5 Tubular	\$818
Model 30DG	12 Gauge 2 3/4"	3.31 kg	7 Tubular	\$819
Model 30P	12 Gauge 2 3/4"	2.49 kg	4 Tubular	\$744
Model 30RP	12 Gauge 2 3/4"	2.9 kg	5 Tubular	\$779

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 30R	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	5	Nil	43
Model 30DG	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	5	Nil	43
Model 30P	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	3	5	Nil	15
Model 30RP	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	4	5	Nil	29

### Armstrong Philippines M-30

Notes: The M-30 is a series of pump-action tactical shotguns. They were designed primarily for use in jungle close-quarters fighting, with a secondary role of CQB in general. The M-30 series is designed to be basically indestructible under normal circumstances, require little maintenance, yet be able to be used as a club or makeshift hammer without damaging the weapon. All are weapons of simple construction with no real frills.

The stocks of the M-30 series are of weatherproofed wood or polymer (depending upon the model); polymer-stocked versions have a Speedfeed stock which can hold four extra rounds of ammunition (unless the shotgun in question is a Bolo model). Metalwork is largely Parkerized steel. The barrels are cylinder-bored and either 18.5 or 20 inches, depending upon the model. All are fed by an underbarrel tubular magazine. All are able to use 2.75" or 3" shells.

There are several different versions available. The M-30R6 uses a 5-round magazine and a wood stock, and has an 18.5-inch barrel. The M-30R8 has a 7-round magazine, a wood stock, and a 20-inch barrel. The M-30SAS is military-grade shotgun (the M-30R6 and M-30R8 are sold to civilians, while the M-30SAS is not), with a polymer Speedfeed stock, a ventilated heat shield above the barrel, a bayonet lug, a 7-round magazine, a rail above the receiver able to mount most optics or accessories available in the Pacific Rim, and a 20-inch barrel.

The M-30 Bolo is a special version of the M-30; this version is a short "whippit" style weapon with no stock, a knob-type bolo grip, and a short 14-inch barrel. Most Bolos are built with wood furniture, but some so exist with polymer stocks. The M-30BG is basically a stockless 18.5-inch barrel version, with a pistol grip and polymer furniture, designed primarily for police use. The M-30FS is basically similar, but has a top-folding stock.

The M-30DI/C is a civilian hunting and sporting version; it has native Filipino wood furniture, a butt with a thick recoil pad, and metalwork with either a blued or Parkerized finish. It is available with either a 26 or 28-inch barrel; these barrels have screw-in interchangeable chokes of Improved Cylinder, Modified, or Full Choke, with a natural choke of Cylinder. The M-30DG8 is another civilian variant, designed for both self-defense and sporting purposes; the 18.5-inch barrel is strengthened to allow the use of steel shot as well as sabot slugs. Furniture is of wood, and the gun has a ramp front sight as well as an adjustable rear leaf sight. Metalwork is blued or Parkerized.

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Weapon	Ammunition	Weight	Magazines	Price
M-30R6	12 Gauge 2.75" or 3"	3.22 kg	5 Tubular	\$857
M-30R8	12 Gauge 2.75" or 3"	3.31 kg	7 Tubular	\$865
M-30SAS	12 Gauge 2.75" or 3"	3.22 kg	7 Tubular	\$878
M-30 Bolo (Wood)	12 Gauge 2.75" or 3"	2.89 kg	4 Tubular	\$813
M-30 Bolo (Polymer)	12 Gauge 2.75" or 3"	2.31 kg	4 Tubular	\$816
M-30BG	12 Gauge 2.75" or 3"	2.5 kg	5 Tubular	\$884
M-30FS	12 Gauge 2.75" or 3"	2.7 kg	5 Tubular	\$889
M-30DI/C (26" Barrel)	12 Gauge 2.75" or 3"	3.56 kg	5 Tubular	\$970
M-30DI/C (28" Barrel)	12 Gauge 2.75" or 3"	3.62 kg	5 Tubular	\$980
M-30DG8	12 Gauge 2.75" or 3"	3.26 kg	7 Tubular	\$859

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-30R6 (2.75")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	39
M-30R6 (3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	5	Nil	45
M-30R8 (2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	5	Nil	43
M-30R8 (3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	5	Nil	49
M-30SAS (2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	5	Nil	43
M-30SAS (3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	5	Nil	49
M-30 Bolo (2.75")	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	4	6	Nil	27
M-30 Bolo (3")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	4	6	Nil	30
M-30BG (2.75")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	6	Nil	33
M-30BG (3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5	6	Nil	37
M-30FS (2.75")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5/6	5	Nil	39
M-30FS (3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5/6	5	Nil	45
M-30DI/C (2.75", 26")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	57
M-30DI/C (3", 26")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	65
M-30DI/C (2.75", 28")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62
M-30DI/C (3", 28")	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70



<b>M-30DG (2.75")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	39
<b>M-30DG (3")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	5	Nil	45

### **Bentley Model 30**

Notes: The Philippines doesn't have a large arms industry (and most of it is devoted to license-producing other countries' designs), but one of its better home-grown products is the Bentley 30 shotgun. It is a utilitarian design, simple in construction and care, but producing results on par with shotguns by manufacturers such as Remington and Ithaca. There are three versions: The Model 30 Standard uses a 26, 28, or 30-inch barrel; the Model 30 Skeet uses a 24-inch barrel with what the company calls a "Skeet Choke," meant to produce the optimum shot pattern for clay pigeons and skeet ranges; and the Model 30 Riot, which is used by several police departments in the Far East and has a 20-inch barrel with extra chroming to make the barrel able to better withstand the repeated firing of slugs and riot ammunition such as beanbags or batons.

<b>Weapon</b>	<b>Ammunition</b>	<b>Weight</b>	<b>Magazines</b>	<b>Price</b>
<b>Model 30 Standard (30" Barrel)</b>	12 Gauge	3.17 kg	6 Tubular	\$795
<b>Model 30 Standard (28" Barrel)</b>	12 Gauge	3.08 kg	6 Tubular	\$785
<b>Model 30 Standard (26" Barrel)</b>	12 Gauge	2.98 kg	6 Tubular	\$775
<b>Model 30 Skeet</b>	12 Gauge	2.88 kg	6 Tubular	\$765
<b>Model 30 Riot</b>	12 Gauge	2.67 kg	6 Tubular	\$745

<b>Weapon</b>	<b>ROF</b>	<b>Damage</b>	<b>Pen</b>	<b>Bulk</b>	<b>SS</b>	<b>Burst</b>	<b>Range</b>
<b>Standard (30")</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	71
<b>Standard (28")</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	66
<b>Standard (26")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	60
<b>Skeet</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	55
<b>Riot</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	45

**SAE Alsetex RO-5**

Notes: The RO-5 and its sister shotgun, the PM-5, were designed specifically for military use, with a secondary role of police use. Both the RO-5 and PM-5 can be had with one of three stocks: a conventional wooden stock, a polymer stock with a pistol grip, or a folding stock of tubular metal (which folds over the top of the receiver). Wooden and polymer stocks have ventilated rubber recoil pads. In all cases, the metalwork is of light steel alloy which has a phosphated finish for corrosion resistance; this finish is also completely non-reflective. Both may be had with chrome-lined barrels 19.7 or 14.1 inches in length, and are equipped to accept screw-in choke tubes ranging from Cylindrical to Full Choke. The RO-5 is fed by a tubular magazine, while the PM-5 is magazine-fed, except for that, and the internal changes necessary for the difference in feeds, the two are identical.

Some of you might think, "This all sounds very familiar." That is because the SAE Alsetex version of the PM-5 is a license-produced, modified version of the Italian Valtro PM-5. It should be noted, however, that SAE Alsetex PM-5 magazines will not fit into the Valtro PM-5, and vice versa.

Weapon	Ammunition	Weight	Magazines	Price
RO-5 (Wood Stock, 19.7" Barrel)	12 Gauge 2.75" and 3"	3.78 kg	8 Tubular	\$942
RO-5 (Polymer Stock, 19.7" Barrel)	12 Gauge 2.75" and 3"	3.65 kg	8 Tubular	\$952
RO-5 (Folding Stock, 19.7" Barrel)	12 Gauge 2.75" and 3"	3.54 kg	8 Tubular	\$897
RO-5 (Wood Stock, 14.1" Barrel)	12 Gauge 2.75" and 3"	3.55 kg	5 Tubular	\$912
RO-5 (Polymer Stock, 14.1" Barrel)	12 Gauge 2.75" and 3"	3.43 kg	5 Tubular	\$922
RO-5 (Folding Stock, 14.1" Barrel)	12 Gauge 2.75" and 3"	3.33 kg	5 Tubular	\$867
PM-5 (Wood Stock, 19.7" Barrel)	12 Gauge 2.75" and 3"	3.64 kg	5	\$937
PM-5 (Polymer Stock, 19.7" Barrel)	12 Gauge 2.75" and 3"	3.51 kg	5	\$947
PM-5 (Folding Stock, 19.7" Barrel)	12 Gauge 2.75" and 3"	3.4 kg	5	\$892
PM-5 (Wood Stock, 14.1" Barrel)	12 Gauge 2.75" and 3"	3.5 kg	5	\$909
PM-5 (Polymer Stock, 14.1" Barrel)	12 Gauge 2.75" and 3"	3.38 kg	5	\$919
PM-5 (Folding Stock, 14.1" Barrel)	12 Gauge 2.75" and 3"	3.27 kg	5	\$864

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
RO-5 (19.7", 3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	48
RO-5 (Folding, 19.7", 3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5/6	4	Nil	48
RO-5 (19.7", 2.75")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	42
RO-5 (Folding, 19.7", 2.75")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5/6	4	Nil	42
RO-5 (14.1", 3")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	4	Nil	30
RO-5 (Folding, 14.1", 3")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	4/5	4	Nil	30
RO-5 (14.1", 2.75")	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	4	Nil	27
RO-5 (Folding, 14.1", 2.75")	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	4/5	4	Nil	27
PM-5 (19.7", 3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	48
PM-5 (Folding, 19.7", 3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5/6	4	Nil	48
PM-5 (19.7", 2.75")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	42
PM-5 (Folding, 19.7", 2.75")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5/6	4	Nil	42
PM-5 (14.1", 3")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	4	Nil	30
PM-5 (Folding, 14.1", 3")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	4/5	4	Nil	30
PM-5 (14.1", 2.75")	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	4	Nil	27
PM-5 (Folding, 14.1", 2.75")	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	4/5	4	Nil	27

**Centurion Ordnance Poseidon MS (MicroShotgun)**

Notes: Though sold exclusively by the US company of Centurion Ordnance, the Poseidon shotgun itself is manufactured in Turkey, and the special ammunition it fires is made only in Mexico; this places the Poseidon firmly in the "International" category. Though the Poseidon is really not much smaller than a typical shotgun of the same construction, the "MicroShotgun" moniker is sort of accurate, since it refers more to its special 12-gauge ammunition than the size of the shotgun. It should also be noted that the versions of the Poseidon with 15-inch or 12-inch barrels are often referred to as "Poseidon MicroShotgun Tactical."

As is noted above, the Poseidon fires special 12-gauge ammunition – the shells are very short, and designed primarily for short-range work and to limit damage to property while allowing a much higher magazine capacity than would be normal for a shotgun of the Poseidon's size. (Currently, only buckshot shells are offered, but slug loads are being examined by Aquila for possible future development.) The Poseidon was originally meant for use as a home defense weapon, but a few members of the law enforcement and special operations community realized that such a weapon might have some limited applications for their jobs, and therefore short-barreled models of the Poseidon were designed. (Normally, only versions with 18.5-inch barrels are sold to civilians.) To further reduce the size of the Poseidon, the stock is also shortened, and the shotgun is also equipped with a true pistol grip stock instead of a conventional stock.

The stock of the Poseidon is built of polymer, while metalwork is of light steel alloy except for the operating parts and the barrel, which are conventional steel. Optional accessories are a MIL-STD-1913 rail (not standard on civilian models, but most police and military versions do have one), and a "side-saddle" shell carrier for the receiver. Standard sights are a ghost ring rear sight and a blade front sight.

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

Merc 2000 Notes: Police actually found little use for this weapon, and the military virtually no use, but civilians bought them in droves for home defense.

Weapon	Ammunition	Weight	Magazines	Price
Poseidon (18.5" Barrel)	12 Gauge Aguila 1.75" MiniShells	1.72 kg	11 Tubular	\$561
Poseidon (15" Barrel)	12 Gauge Aguila 1.75" MiniShells	1.66 kg	7 Tubular	\$543
Poseidon (12" Barrel)	12 Gauge Aguila 1.75" MiniShells	1.61 kg	6 Tubular	\$527

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Poseidon (18.5")	PA	1d6x20 or 2d6x4	Nil or 1-Nil	6	6	Nil	30
Poseidon (15")	PA	1d6x16 or 2d6x4	Nil or 1-Nil	5	6	Nil	24
Poseidon (12")	PA	1d6x16 or 2d6x4	Nil or 1-Nil	5	6	Nil	19

**Stoeger P-350**

Notes: The fact that the P-350 is so similar to recent Benelli designs is no accident – Stoeger is as of 2005 under the Beretta/Benelli/Franchi umbrella, and licensed many of its design features to Stoeger. The stock and furniture of the P-350 is of synthetic material, finished in black or one of two camouflage designs, Max-4 (designed to blend with marshlands) and Timber HD (designed to blend with forested terrain). There are four versions, but the first three (the Synthetic, the Advantage Max-4, and the Advantage Timber HD) are identical for game purposes. The P-350 Defense is a short-barreled version meant for police, military, and home-defense use, and comes finished only in black. Barrels for the hunting versions range from 24-28 inches, while the Defense version has an 18.5-inch barrel. The interchangeable choke set consists of Cylindrical, Improved Cylinder, Full, and Modified, Extended Full Turkey. The barrels have a ventilated sighting rib atop them, with the exception of the P-350 Defense. The action is basically a modern Benelli action, with dual action bars and a rotating bolt head. The pistol grip wrist and pump lever are ribbed for a positive grip. For an extra cost, a mercury-filled recoil reducer can be installed in the stock. There is also a recoil pad on the butt. The P-350 is able to digest 2.75-inch, 3-inch, and 3.5-inch shells, and virtually any sort of shot or slug ammunition.

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

Weapon	Ammunition	Weight	Magazines	Price
P-350 (24" Barrel)	12 Gauge 2.75", 3", and 3.5"	2.99 kg	3 Internal	\$1093
P-350 (24" Barrel, with Recoil Reducer)	12 Gauge 2.75", 3", and 3.5"	3.3 kg	3 Internal	\$1168
P-350 (26" Barrel)	12 Gauge 2.75", 3", and 3.5"	3.08 kg	3 Internal	\$1103
P-350 (26" Barrel, with Recoil Reducer)	12 Gauge 2.75", 3", and 3.5"	3.39 kg	3 Internal	\$1178
P-350 (28" Barrel)	12 Gauge 2.75", 3", and 3.5"	3.13 kg	3 Internal	\$1113
P-350 (28" Barrel, with Recoil Reducer)	12 Gauge 2.75", 3", and 3.5"	3.44 kg	3 Internal	\$1188
P-350 Defense	12 Gauge 2.75", 3", and 3.5"	2.9 kg	3 Internal	\$1065
P-350 Defense (with Recoil Reducer)	12 Gauge 2.75", 3", and 3.5"	3.21 kg	3 Internal	\$1140

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
P-350 (24", 2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	52
P-350 (24", 3")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	59
P-350 (24", 3.5")	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	7	5	Nil	65
P-350 (24", 2.75", Recoil Reducer)	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	52

<b>P-350 (24", 3", Recoil Reducer)</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	59
<b>P-350 (24", 3.5", Recoil Reducer)</b>	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	7	4	Nil	65
<b>P-350 (26", 2.75")</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	4	Nil	57
<b>P-350 (26", 3")</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	65
<b>P-350 (26", 3.5")</b>	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	71
<b>P-350 (26", 2.75", Recoil Reducer)</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	3	Nil	57
<b>P-350 (26", 3", Recoil Reducer)</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	65
<b>P-350 (26", 3.5", Recoil Reducer)</b>	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	71
<b>P-350 (28", 2.75")</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62
<b>P-350 (28", 3")</b>	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70
<b>P-350 (28", 3.5")</b>	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	77
<b>P-350 (28", 2.75", Recoil Reducer)</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62
<b>P-350 (28", 3", Recoil Reducer)</b>	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	70
<b>P-350 (28", 3.5", Recoil Reducer)</b>	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	77
<b>P-350 Defense (2.75")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	39
<b>P-350 Defense (3")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	45
<b>P-350 Defense (3.5")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	46
<b>P-350 Defense (2.75", Recoil Reducer)</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	3	Nil	39
<b>P-350 Defense (3", Recoil Reducer)</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	3	Nil	45
<b>P-350 Defense (3.5", Recoil Reducer)</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	46

**Benelli Nova**

Notes: Though conventional in design, the Nova, when it was introduced, made marks for its light weight and ergonomic design. Though most have a black finish to their metalwork and have stocks and pump slides of black synthetic material, other finishes are available, including Mossy Oak Bottomland and Realtree Max-7. Designed primarily for hunting and sport shooting, Novas have nonetheless found their way into some law enforcement inventories and military stocks. Furniture is of synthetic polymer, with Barrels range from 14 inches to 28 inches, and may be rifled or smoothbore.

Other than its ergonomic design, the Nova has several interesting features. The stock is steel-reinforced; in addition, the light alloy frame is over a steel skeleton, and the stock and receiver are joined together into a single unit, increasing the Nova's structural strength. The chamber can be emptied without emptying the magazine, using a button on the underside of the receiver.

The standard Nova is, as stated above, a shotgun of conventional design and ergonomic construction. Barrels range from 24 to 28 inches, with interchangeable chokes of Improved Cylinder and Modified and a bore choke of Full. An optional choke set expands this to include Cylindrical, Improved Modified, and Extra Full. Versions with 26 or 28-inch barrels can use ammunition of 2.75, 3, or 3.5 inches, except for 20-gauge. Stocks are of standard configuration with a pistol grip wrist, with the pump slide and grip being grooved to improve grip. The barrel has a ventilated sighting rib above it, with the end of the rib having a fiberoptic front sight. Most models of the standard version are finished in black with black furniture, but Mossy Oak Bottomland and Realtree Max-7 is also available.

The Nova Tactical is designed for law-enforcement and home defense use, and differs primarily in having a shorter 18.5-inch barrel and rifle-type sights or ghost-ring sights instead of a front bead and sighting rib. The Tactical also comes only in black. A variant, the H2O, has an electroless nickel finish and is meant for use by boaters for self defense. The barrels come only in a fixed Cylinder choke. Some military concerns and police departments use an extended tubular magazine, but this is not normally sold to civilians and is not found on Benelli's web site for sale.

The SuperNova differs from the standard Nova primarily in employing the ComforTech recoil reduction system, which uses a gel recoil pad and comb pad to take up some of the Nova's high recoil. (The light weight of a standard Nova has its advantages, but a standard Nova does have a lot of kick.) The SuperNova's stock drop and cast is user-adjustable with a set of shims. The Another improvement is a larger trigger guard, for use with gloves that are overstuffed. The native choke is full, but interchangeable choke tubes of Improved Cylinder and Modified are included; optionally, the shooter may buy an expanded set of choke tubes, with Cylinder, Improved Modified, and Extra Full chokes. Another option is a set of shims to increase length of pull, and a pair of raised comb pads.

The SuperNova Tactical is similar in concept to the Nova Tactical, but with the improvements of the SuperNova above. The barrel is a little shorter than that of the Nova Tactical at 18 inches even. Models with Ghost Ring sights have the option of tritium inserts for their front and rear sights. The receivers are drilled and tapped for scopes or other optics. An option is a stock with a pistol grip instead of the pistol grip wrist; this model does not have the ComforTech butt, and has a Ghost Ring rear sight instead of the rifle sight of the standard SuperNova Tactical. Versions with extended magazines exist, used by several police and military forces. A notable variant is the Royal Thai Police version; this has a chopped 14-inch barrel, an adjustable-length stock, and a foregrip on the pump slide for faster racking and control when firing.

While many shotgun enthusiasts agree that the Nova is not a good-looking gun, they also agree that the Nova is tough and reliable.

Weapon	Ammunition	Weight	Magazines	Price
Nova (26" Barrel)	12 Gauge 2.75", 3", 3.5"	3.58 kg	4 Tubular	\$1033
Nova (28" Barrel)	12 Gauge 2.75", 3", 3.5"	3.63 kg	4 Tubular	\$1043
Nova (24" Barrel)	20 Gauge 2.75" and 3"	2.9 kg	4 Tubular	\$683
Nova (26" Barrel)	20 Gauge 2.75" and 3"	2.95 kg	4 Tubular	\$693
Nova Tactical	12 Gauge 2.75", 3", 3.5"	3.27 kg	4 Tubular	\$995
Nova Tactical (Extended Magazine)	12 Gauge 2.75", 3", 3.5"	3.3 kg	6 Tubular	\$997
SuperNova (24" Barrel)	12 Gauge 2.75", 3", 3.5"	3.54 kg	4 Tubular	\$1099
SuperNova (26" Barrel)	12 Gauge 2.75", 3", 3.5"	3.58 kg	4 Tubular	\$1109
SuperNova (28" Barrel)	12 Gauge 2.75", 3", 3.5"	3.63 kg	4 Tubular	\$1119
SuperNova Tactical	12 Gauge 2.75", 3", 3.5"	3.45 kg	4 Tubular	\$1068
SuperNova Tactical (Pistol Grip Stock)	12 Gauge 2.75", 3", 3.5"	3.45 kg	4 Tubular	\$993
SuperNova Tactical (Extended Magazine)	12 Gauge 2.75", 3", 3.5"	3.48 kg	7 Tubular	\$1071
SuperNova Tactical (Royal Thai Police)	12 Gauge 2.75", 3", 3.5"	3.34 kg	4 Tubular	\$1142

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Nova (26", 12 Gauge, 2.75")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	57
Nova (26", 12 Gauge, 3")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	5	Nil	65
Nova (26", 12 Gauge, 3.5")	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	7	6	Nil	71
Nova (28", 12 Gauge, 2.75")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
Nova (28", 12 Gauge, 3")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	6	Nil	70
Nova (28", 12 Gauge, 3.5")	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	77

<b>Nova (24", 20 Gauge, 2.75")</b>	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	44
<b>Nova (24", 20 Gauge, 3")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	50
<b>Nova (26", 20 Gauge, 2.75")</b>	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	48
<b>Nova (26", 20 Gauge, 3")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	55
<b>Nova Tactical (2.75")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	39
<b>Nova Tactical (3")</b>	PA	4/1d6x28 or 2d6x4	2-3-Nil/Nil or Nil	6	5	Nil	45
<b>Nova Tactical (3.5")</b>	PA	4/1d6x28 or 2d6x4	2-3-Nil/Nil or Nil	6	5	Nil	49
<b>SuperNova (24", 12 Gauge, 2.75")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	53
<b>SuperNova (24", 12 Gauge, 3")</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	60
<b>SuperNova (24", 12 Gauge, 3.5")</b>	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	7	5	Nil	66
<b>SuperNova (26", 12 Gauge, 2.75")</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	4	Nil	57
<b>SuperNova (26", 12 Gauge, 3")</b>	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	65
<b>SuperNova (26", 12 Gauge, 3.5")</b>	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	72
<b>SuperNova (28", 12 Gauge, 2.75")</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62
<b>SuperNova (28", 12 Gauge, 3")</b>	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	71
<b>SuperNova (28", 12 Gauge, 3.5")</b>	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	77
<b>SuperNova Tactical (2.75")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	39
<b>SuperNova Tactical (3")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	44
<b>SuperNova Tactical (3.5")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	48
<b>SuperNova Tactical (2.75", Pistol Grip Stock)</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	39
<b>SuperNova Tactical (3", Pistol Grip Stock)</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	5	Nil	44
<b>SuperNova Tactical (3.5", Pistol Grip Stock)</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	5	Nil	48
<b>SuperNova Tactical (2.75", Royal Thai Police)</b>	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	4/5	4	Nil	27
<b>SuperNova Tactical (3", Royal Thai Police)</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	4/5	4	Nil	30
<b>SuperNova Tactical (3.5", Royal Thai Police)</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	4/5	4	Nil	33

### Benelli Super Black Eagle

Notes: This is a hunting shotgun designed to throw the most powerful loads available, big 3 1/2-inch magnum shells. It is especially meant for hunting, with a strengthened barrel for slugs and a scope mount. The stock has a thick recoil pad. The finish is normally camouflage, but is also often black.

Twilight 2000 Notes: This weapon is not available in the Twilight 2000 timeline.

<i>Weapon</i>	<i>Ammunition</i>	<i>Weight</i>	<i>Magazines</i>	<i>Price</i>
<b>Super Black Eagle</b>	12 Gauge 3 1/2-inch	3.31 kg	4 Tubular	\$1097

<i>Weapon</i>	<i>ROF</i>	<i>Damage</i>	<i>Pen</i>	<i>Bulk</i>	<i>SS</i>	<i>Burst</i>	<i>Range</i>
<b>Super Black Eagle</b>	PA	6/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	7	5	Nil	45

### Bernardelli B-4 And B-4/B

Notes: This is an Italian-made shotgun that found some acceptance in civilian, police, and military markets worldwide. The weapon, except for the barrel, is made from high-grade aluminum (the barrel is made from steel). It is magazine fed. Some of the users include the US military (in very small numbers), various police departments in the world, and the Italian military. The B-4 may be fired in both pump-action and semiautomatic modes; the B-4/B may be fired in pump action mode only. The folding stock is a thick strut-type with a buttplate. The rear sight is contained in a carrying handle which can also accept AR-15/M-16-type optics and night-vision devices; the front sight is a protected post.

The B-4 and B-4/B are marketed by Springfield in the US and North America, but not built there.

Twilight 2000 Notes: In at least one engagement between US and Italian forces, these shotguns were used by both sides.

Merc 2000 Notes: This promising weapon fell victim to budget cuts in the late 1990s and those that had been produced up to that point were all that were ever made.

<i>Weapon</i>	<i>Ammunition</i>	<i>Weight</i>	<i>Magazines</i>	<i>Price</i>
<b>B-4</b>	12 Gauge 2.75"	3.45 kg	3, 5, 8	\$556
<b>B-4/B</b>	12 Gauge 2.75"	3 kg	3, 5, 8	\$762

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>B-4</b>	PA/SA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5/6	4	Nil	41
<b>B-4/B</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5/6	4	Nil	41

### Valtro PM-5

Notes: Designed in the late 1980s, the PM-5 stopped production for a short period in the 1990s when Valtro went out of business. The design rights were then bought by Brixia, who sold the PM-5 in an identical form (their PM-5s were literally built on the same production line, as the production line and tooling as well as the design were bought from Valtro). The PM-5 is used by the French Navy and by the Kaibiles special operation force of the Guatemalan Army. The PM-5 saw action being used by unnamed elements in Afghanistan, and some special operations forces of various militaries have the PM-5 in their armories. Some law enforcement use worldwide is also noted. The PM-5 is fed by removable box magazines, with the magazine greatly contributing to the balance of the weapon, being at the center of gravity of the PM-5. The tube under the barrel does not hold ammunition, but is instead a guide rod for actuating the action. The PM-5 did not sell well amongst civilians due to its high RL price. The PM-5 is available with a fixed stock or a folding stock; the folding stock is particularly common on the PM-5-350. Folding stocks, unusually fold over the top on the PM-5, to the left of the sight line. The fixed stock may be standard type or have a pistol grip, but both are of synthetic material. The standard PM-5 has a 20-inch barrel, but the PM-5-350 uses a shorter 14-inch barrel (the 350 in the designation refers to the 355-millimeter barrel length, sort of). Rifle-type sights are found on most PM-5s, though a sighting rib and bead front sight can be found on some PM-5s, and some use a fiberoptic front sight with a ghost ring rear sight. Some have ported barrels; all have the ability to take screw-in choke tubes; the base choke is Improved Cylinder, and a PM-5 usually comes with choke tubes for Cylinder, Modified, Full, and Rifled. (The Rifled choke tube that comes with the PM-5 is regarded as worthless or less than worthless by most reviewing shooters.) The PM-5 is equipped with a crossbolt manual safety and a passive magazine safety. One rocks the magazine into position then locks it, like a Kalashnikov-type weapon. Seven-round magazines are most common, with 10-round magazines being relatively rare.

Weapon	Ammunition	Weight	Magazines	Price
<b>PM-5 (Fixed Stock)</b>	12 Gauge 3"	3.27 kg	7, 10	\$879
<b>PM-5 (Folding Stock)</b>	12 Gauge 3"	3.27 kg	7, 10	\$899
<b>PM-5 (Fixed Stock, Ported Barrel)</b>	12 Gauge 3"	3.27 kg	7, 10	\$929
<b>PM-5 (Folding Stock, Ported Barrel)</b>	12 Gauge 3"	3.27 kg	7, 10	\$949
<b>PM-5-350 (Fixed Stock)</b>	12 Gauge 3"	3 kg	7, 10	\$844
<b>PM-5-350 (Folding Stock)</b>	12 Gauge 3"	3 kg	7, 10	\$864
<b>PM-5-350 (Fixed Stock, Ported Barrel)</b>	12 Gauge 3"	3 kg	7, 10	\$894
<b>PM-5-350 (Folding Stock, Ported Barrel)</b>	12 Gauge 3"	3 kg	7, 10	\$914

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>PM-5 (Fixed Stock)</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	49
<b>PM-5 (Folding Stock)</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5/6	4	Nil	49
<b>PM-5 (Fixed Stock, Ported Barrel)</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	3	Nil	49
<b>PM-5 (Folding Stock, Ported Barrel)</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5/6	3	Nil	49
<b>PM-5-350 (Fixed Stock)</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	4	Nil	30
<b>PM-5-350 (Folding Stock)</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	4/5	4	Nil	30
<b>PM-5-350 (Fixed Stock, Ported Barrel)</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	3	Nil	30
<b>PM-5-350 (Folding Stock, Ported Barrel)</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	4/5	3	Nil	30

**Daudsons Armory 7-Shot 12-Bore Shotgun**

Notes: This is a simple pump-action shotgun used by Pakistani police and military forces. There has also been some export sales, and it was used for a while by Afghani Rebels against the Taliban government, as well as by the Taliban government themselves. It is a conventional shotgun of standard construction. Three versions are available, without a stock, with a plastic stock, and with a wooden stock.

Weapon	Ammunition	Weight	Magazines	Price
Daudsons Armory Shotgun (Plastic Stock)	12 Gauge 3"	3 kg	7 Tubular	\$884
Daudsons Armory Shotgun (Wooden Stock)	12 Gauge 3"	3.2 kg	7 Tubular	\$874
Daudsons Armory (Stockless)	12 Gauge 3"	2.5 kg	7 Tubular	\$854

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Daudsons Armory Shotgun (With Stock)	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	5	Nil	43
Daudsons Armory Shotgun (Stockless)	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or 1-Nil	5	5	Nil	32



**Baikal MP-133**

Notes: This is a conventional pump-action shotgun designed for magnum 12-Gauge loads. As with most Baikal shotguns, the user has a choice of many different barrel lengths. The MP-133 has several automatic safeties as well as a manual one. It is supplied with screw-in interchangeable chokes.

Weapon	Ammunition	Weight	Magazines	Price
MP-133 (20" Barrel)	12 Gauge 3"	3.2 kg	6 Tubular	\$940
MP-133 (21.25" Barrel)	12 Gauge 3"	3.22 kg	6 Tubular	\$946
MP-133 (24" Barrel)	12 Gauge 3"	3.27 kg	6 Tubular	\$960
MP-133 (26" Barrel)	12 Gauge 3"	3.3 kg	6 Tubular	\$970
MP-133 (28" Barrel)	12 Gauge 3"	3.33 kg	6 Tubular	\$980
MP-133 (20" Barrel)	12 Gauge 3.5"	3.34 kg	5 Tubular	\$1063
MP-133 (21.25" Barrel)	12 Gauge 3.5"	3.36 kg	5 Tubular	\$1070
MP-133 (24" Barrel)	12 Gauge 3.5"	3.4 kg	5 Tubular	\$1083
MP-133 (26" Barrel)	12 Gauge 3.5"	3.43 kg	5 Tubular	\$1094
MP-133 (28" Barrel)	12 Gauge 3.5"	3.49 kg	5 Tubular	\$1104

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
MP-133 (20", 3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	49
MP-133 (21.25", 3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	52
MP-133 (24", 3")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	59
MP-133 (26", 3")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	65
MP-133 (28", 3")	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70
MP-133 (20", 3.5")	PA	5/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	52
MP-133 (21.25", 3.5")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	55
MP-133 (24", 3.5")	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	7	5	Nil	62
MP-133 (26", 3.5")	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	68
MP-133 (28", 3.5")	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	73

**Izhmash IZH-81**

Notes: The IZH-81 has four variants, plus one very unusual variant. These variants are differentiated by their method of feed (and in one case, the very odd method of feed), their stocks, and some differences in weight. Most have a choice of 22, 23.6, or 27.6-inch barrels. All are otherwise simple pump-action shotguns. All may fire most types of 2.75-inch and 3-inch shells. Most can be ordered with screw-in interchangeable chokes of various types.

The IZH-81 base version is essentially a conventional pump-action shotgun, though somewhat lightly-built. The IZH-81 Jaguar is virtually identical, but has a polymer stock with a pistol grip. The IZH-81KM is also virtually identical to the standard IZH-81, but is fed by a box magazine instead of an underbarrel tubular magazine. The IZH-81 Fox Terrier has a receiver similar to that of the IZH-81KM, but the barrel length is limited to 22 inches and the stock is a folding one similar to that of the AK-74M assault rifle, along with a pistol grip. Sights for variants of the IZH-81 are a simple notch rear and blade front. These shotguns have been available since 1994.

The MP-131K is a very unusual variant of the IZH-81 – it has both an underbarrel tubular magazine and a box magazine, and can feed from either one (though not both at once). A dial on the box magazine changes the MP-131K from tubular magazine feed to box magazine feed. The box magazine is small, and is primarily intended for carrying special ammunition, allowing, for example, a quick change from shot to slugs, standard to magnum ammunition, or some other sort of special ammunition. The barrel of the MP-131K does not accept interchangeable choke tubes and is fixed at Improved Cylinder. The MP-131K is sold to civilians, but the military and police are said to prefer the version with a 22-inch barrel. The MP-131K was not introduced until 1997; when it was first introduced, only a 22-inch-barrel model was available, though in a few months, versions with longer barrels were being sold. The MP-131K has the same front sight as the IZH-81 series, but the rear sight has a grooved rail for optics and accessories in addition to the notch rear sight.

Twilight 2000 Notes: The Soviet military and police typically don't use the IZH-81 series. The MP-131K is available, but it is a rather rare weapon, and it is more likely to be used by police than the military.

Weapon	Ammunition	Weight	Magazines	Price
IZH-81 (22" Barrel)	12 Gauge 2.75" and 3"	3.22 kg	7 Tubular	\$875
IZH-81 (23.6" Barrel)	12 Gauge 2.75" and 3"	3.25 kg	7 Tubular	\$883
IZH-81 (27.6" Barrel)	12 Gauge 2.75" and 3"	3.32 kg	7 Tubular	\$904
IZH-81 Jaguar (22" Barrel)	12 Gauge 2.75" and 3"	2.49 kg	7 Tubular	\$888
IZH-81 Jaguar (23.6" Barrel)	12 Gauge 2.75" and 3"	2.51 kg	7 Tubular	\$896
IZH-81 Jaguar (27.6" Barrel)	12 Gauge 2.75" and 3"	2.56 kg	7 Tubular	\$916
IZH-81KM (22" Barrel)	12 Gauge 2.75" and 3"	3.54 kg	4	\$871
IZH-81KM (23.6" Barrel)	12 Gauge 2.75" and 3"	3.57 kg	4	\$879
IZH-81KM (27.6" Barrel)	12 Gauge 2.75" and 3"	3.65 kg	4	\$900

<b>IZH-81 Fox Terrier</b>	12 Gauge 2.75" and 3"	3.31 kg	4	\$901
<b>MP-131K (22" Barrel)</b>	12 Gauge 2.75" and 3"	3.49 kg	7 Tubular+3 Box	\$885
<b>MP-131K (23.6" Barrel)</b>	12 Gauge 2.75" and 3"	3.52 kg	7 Tubular+3 Box	\$893
<b>MP-131K (27.6" Barrel)</b>	12 Gauge 2.75" and 3"	3.6 kg	7 Tubular+3 Box	\$913

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
IZH-81 (22", 2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	47
IZH-81 (23.6", 2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	51
IZH-81 (27.6", 2.75")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	61
IZH-81 (22", 3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	54
IZH-81 (23.6", 3")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	58
IZH-81 (27.6", 3")	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	69
IZH-81 Jaguar (22", 2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	47
IZH-81 Jaguar (23.6", 2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	51
IZH-81 Jaguar (27.6", 2.75")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	6	Nil	61
IZH-81 Jaguar (22", 3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	54
IZH-81 Jaguar (23.6", 3")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	58
IZH-81 Jaguar (27.6", 3")	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	7	Nil	69
IZH-81KM (22", 2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	47
IZH-81KM (23.6", 2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	51
IZH-81KM (27.6", 2.75")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	61
IZH-81KM (22", 3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	54
IZH-81KM (23.6", 3")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	58
IZH-81KM (27.6", 3")	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	69
IZH-81 Fox Terrier (2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5/7	5	Nil	47
IZH-81 Fox Terrier (3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5/7	5	Nil	54
MP-131K (22", 2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	47
MP-131K (23.6", 2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	51
MP-131K (27.6", 2.75")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	61
MP-131K (22", 3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	54
MP-131K (23.6", 3")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	58
MP-131K (27.6", 3")	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	69

**TOZ-94**

Notes: Similar in appearance to the TOZ-87, and related to the TOZ-194 below, the TOZ-94 is a pump-action hunting shotgun. Like the TOZ-87, it is made in several versions: the TOZ-94 with a 28-inch barrel and fixed Full choke; the TOZ-94-01, similar to the TOZ-94, but with a ventilated sighting rib above the barrel; The TOZ-94-02, with interchangeable chokes of Cylindrical, 1/2, and Full, and a shorter 26-inch barrel; the TOZ-94-03, which is the same as the TOZ-94-02 but has a ventilated sighting rib above the barrel; and the TOZ-94-04, a weapon designed primarily for slugs, with a 21.25-inch barrel and rifle-type sights, and with a high-impact plastic stock and fore-end. As with the TOZ-87, the tubular magazine has a standard capacity of four rounds, but a seven-round extended magazine is available. The stock and fore-end are of walnut root. These weapons were introduced in 2000.

Twilight 2000 Notes: These shotguns do not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
<b>TOZ-94/94-01</b>	12 Gauge 2.75"	3.2 kg	4 Tubular	\$843
<b>TOZ-94/94-01 (Extended Mag)</b>	12 Gauge 2.75"	3.3 kg	7 Tubular	\$844
<b>TOZ-94-02/03</b>	12 Gauge 2.75"	3.2 kg	4 Tubular	\$833
<b>TOZ-94-02/03 (Extended Mag)</b>	12 Gauge 2.75"	3.3 kg	7 Tubular	\$834
<b>TOZ-94-04</b>	12 Gauge 2.75"	3.1 kg	4 Tubular	\$821
<b>TOZ-94-04 (Extended Mag)</b>	12 Gauge 2.75"	3.2 kg	7 Tubular	\$822

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>TOZ-94/94-01</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
<b>TOZ-94-02/03</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	57
<b>TOZ-94-04</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	46

**TOZ-194**

Notes: This Russian shotgun operates in a manner similar to Western pump-actions, unlike the RMB-93. The barrel and tubular magazine are largely unshrouded in any way; this may seem to make the TOZ-194 a bit fragile, but in fact it is very strongly-constructed, as well as being simple to care for and use. Russian forces and police seem to prefer the TOZ-194 with only a pistol grip

and no stock, though a folding stock is available to be attached to the end of the weapon. (This may be due to the 21 1/4" barrel, long for a combat shotgun.)

Weapon	Ammunition	Weight	Magazines	Price
TOZ-194	12 Gauge 2.75"	2.9 kg	7 Tubular	\$790
TOZ-194 (With Stock)	12 Gauge 2.75"	3.1 kg	7 Tubular	\$840

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
TOZ-194	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5	6	Nil	36
TOZ-194 (Stocked)	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5/7	5	Nil	46

### Tsniitochmash KS-23 Drozd

Notes: The Russians refer to the KS-23 as a "special carbine," but the KS-23 is essentially a very heavy-gauge shotgun or a light grenade launcher, depending upon how you look at it. As the shells it fires are more shotgun-like than grenade-like, most experts refer to it as a shotgun, albeit on a very large scale. The barrel of the KS-23 is very unusual; it is cut from rejected or shot-out 23mm aircraft cannon barrels. Thus, the gauge of the KS-23 is proprietary, but in Western terms is approximately 4-gauge.

The operation of the KS-23 appears to be a derivative of Eugene Stoner's system, adapted to pump-action, but nonetheless using a similar bolt-carrier group with a multi-lug bolt that locks into the steel barrel extension. The receiver of the KS-23 is of light alloy, with steel operating parts and a light alloy underbarrel tubular magazine. The stock of the KS-23 is polymer, but conventional in layout. The only concession to recoil is a thick rubber recoil pad on the KS-23. There are several different shells available for the KS-23, and a muzzle adapter allows the KS-23 to fire rifle grenades. (A special ballistite cartridge is also required.)

There are two variants of the KS-23. One of them, the KS-23M, is essentially a KS-23 with a chopped barrel and without the conventional stock; instead, the KS-23M has a pistol grip and a skeletonized tubular metal stock which may be attached to the pistol grip.

Recently, a variant of the KS-23, tentatively designated the "KS-23SM" in the West, has appeared in Russian literature. It has never been shown publicly, and has yet to be seen in the hands of troops. This is a version which replaces the standard stock with a side-folding wire stock, and feeds from a box magazine instead of an underbarrel tubular magazine. The slide of this version also appears to completely surround the barrel. Whether or not this is merely an experiment or something the Russians plan to introduce in the future is as of yet unknown.

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

Weapon	Ammunition	Weight	Magazines	Price
KS-23	23mm Gauge	3.86 kg	3 Tubular	\$1388
KS-23M	23mm Gauge	3.49 kg	3 Tubular	\$1238
KS-23M (w/Stock)	23mm Gauge	3.54 kg	3 Tubular	\$1258
KS-23SM	23mm Gauge	3.68 kg	5	\$1328
Grenade Adapter	NA	0.25 kg	NA	\$50

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
KS-23 (Anti-Vehicular)	PA	7	1-3-Nil*	7	4	Nil	60
KS-23 (CS)	PA	(B3)	Nil	7	4	Nil	30
KS-23 (Shot)	PA	1d6x44 or 2d6x12 or 3d6x4	Nil or Nil or 1-Nil	7	4	Nil	50
KS-23M (Anti-Vehicular)	PA	6	1-3-Nil*	4	7	Nil	31
KS-23M (CS)	PA	(B3)	Nil	4	6	Nil	13
KS-23M (Shot)	PA	1d6x36 or 2d6x8	Nil or 1-Nil	4	7	Nil	26
KS-23M (Stock, Anti-Vehicular)	PA	6	1-3-Nil*	6	6	Nil	37
KS-23M (Stock, CS)	PA	(B3)	Nil	6	6	Nil	18
KS-23M (Stock, Shot)	PA	1d6x36 or 2d6x8	Nil or 1-Nil	6	6	Nil	31
KS-23SM (Anti-Vehicular)	PA	7	1-3-Nil*	6/7	6	Nil	60
KS-23SM (CS)	PA	(B3)	Nil	6/7	5	Nil	30
KS-23SM (Shot)	PA	1d6x44 or 2d6x12 or 3d6x4	Nil or Nil or 1-Nil	6/7	6	Nil	50

\*Penetration is 8/6/3/1 vs. vehicles.

### Tula RMB-93

Notes: This shotgun is unusual for several reasons. It may appear to the casual glance to be a typical pump-action folding-stocked tactical shotgun, but a closer look will reveal that its operation is very different from other such weapons. The RMB-93 was designed for use by Russian Internal Security and police forces, and is rarely used by the military.

The RMB-93's high-capacity tubular magazine is actually on top of the barrel, with the barrel projecting out from underneath it. The pump-action is also quite different from the typical pump-action shotgun – it is actually a pump-forward design, with the slide action being raked forward to eject a spent round and back again to chamber a new round. When the slide is moved, the entire barrel moves as well. Loading of the RMB-93 is done from a port in the top of the receiver, and spent shells eject from the bottom of the receiver.

The trigger mechanism is DAO, with the initial trigger pull being rather long and heavy. This enhances safety, making sure inadvertent trigger pulls are not made by inexperienced or stressed police officers. Most of the metalwork is of steel, with furniture made from polymer. Metalwork may be finished in phosphate, blue, or nickel plating, as well as a variety of camouflage finishes or matte black. Sights are rifle-type; chokes are adjustable by use of screw-in choke tubes.

A variant, the RM-93, is generally sold only to civilians; it is identical to the RMB-93 except for the polymer fixed stock.

Twilight 2000 Notes: The RMB-93 exists only in small numbers in the Twilight 2000 timeline; the RM-93 does not exist.

Weapon	Ammunition	Weight	Magazines	Price
RMB-93 (19.9" Barrel)	12 Gauge 2.75"	2.54 kg	7 Tubular	\$833
RMB-93 (21.3" Barrel)	12 Gauge 2.75"	2.56 kg	7 Tubular	\$840
RMB-93 (26.8" Barrel)	12 Gauge 2.75"	2.64 kg	7 Tubular	\$868
RM-93 (19.9" Barrel)	12 Gauge 2.75"	2.54 kg	7 Tubular	\$813
RM-93 (21.3" Barrel)	12 Gauge 2.75"	2.56 kg	7 Tubular	\$820
RM-93 (26.8" Barrel)	12 Gauge 2.75"	2.64 kg	7 Tubular	\$848

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
RMB-93 (19.9")	PA	4/1d6x28 or 2d6x4	2-3-Nil/Nil or 1-Nil	5/6	5	Nil	43
RMB-93 (21.3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5/7	5	Nil	46
RMB-93 (26.8")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	6/8	5	Nil	59
RM-93 (19.9")	PA	4/1d6x28 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	43
RM-93 (21.3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	46
RM-93 (26.8")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	59

### Musler Pump-Action Riot Gun

Notes: This is a conventional medium-barreled shotgun that accepts all sorts of military, police, and civilian shotgun rounds. In addition, it is issued with an adapter that allows it to fire smoke grenades or irritant gas grenades. The stock is composite, while all other parts except the barrel are of light alloy. The stock has a sleeve that allows the user to carry five extra shotgun rounds.

Twilight 2000 Notes: This weapon does not exist outside of South Africa.

Weapon	Ammunition	Weight	Magazines	Price
Musler	12 Gauge 2 3/4"	3.1 kg	6 Tubular	\$819

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Musler	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	5	Nil	43

### Neostead

Notes: The Neostead is perhaps the most unusual shotgun design in the world today. It is a semi-bullpup design; while most of the receiver and the mechanism are in the stock, while the magazines are in the front. There are apparently many police, military and government agencies worldwide (including the US) who are interested in the Neostead, though as usual for South African weapon companies, no one will tell who might be the Neostead's potential customers.

The magazines are some of the most unusual aspects of the Neostead; the shotgun is fed by a pair of tubular magazines, mounted size-by-side above the barrel. The pump lever basically wraps around the bottom of the barrel, also acting as a handguard. A feed selector lever allows the shooter to choose which magazine the Neostead feeds from – the shooter may choose feed from the right, left, or from each magazine alternately (first shot feeds from the left, second from the right, third from the left, etc.). The magazines are reloaded by releasing them, then pulling them to the rear, which causes them to tip up for loading. On top of the magazines are a series of small slots; these allow the shooter to see how much ammunition is left in each magazine.

The Neostead operates by pump-action, but it operates in reverse of a normal pump-action shotgun. Sliding the lever forward ejects the spent shell (which eject downward), and the slide is pulled back to chamber a new round. When the slide is operated, the entire barrel moves; this is because the breech is fixed.

Virtually the entire shotgun is made from one-piece injection-molded polymer. The external surface of the shell is smooth, except on the pistol grip, part of the stock, and the ribbed pump lever. The barrel, breechblock, and receiver are steel (though the receiver is surrounded by polymer), and the magazine tubes and some other unstressed components are made from light alloy. The controls are all centrally-located, effectively making the Neostead ambidextrous. The sights consist of an adjustable ghost ring rear in a protected mount atop a carrying handle, and a blade front. The carrying handle is also capable of mounting a variety of optics and accessories. Internal safety mechanisms keep the Neostead from accidentally firing if dropped or bumped. The Neostead is said to be so well-balanced that accurate one-handed firing is possible, even though, as with most bullpup weapons, the barrel is quite long at 22.4 inches.

Early Neostead's were tested with proprietary 2.5-inch shells. These proved to be unsatisfactory from a power standpoint, and some potential buyers wanted the ability to fire magnum ammunition, so the Neostead was redesigned, eliminating the 2.5-inch shell capability and strengthening the components to allow the use of 3-inch magnum ammunition.

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

Weapon	Ammunition	Weight	Magazines	Price
Neostead	12 Gauge 2.75" and 3"	4.08 kg	7 Tubular (x2)	\$873

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Neostead (2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5	4	Nil	43

<b>Neostead (3")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5	4	Nil	50
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### **Techno-Arms MAG-7**

Notes: This strange-looking shotgun is described as an assault shotgun; it appears to be a strange mix of submachinegun and pump-action shotgun. The MAG-7's strangest feature is its feed; the magazine is located in the large pistol grip. The ergonomics of this are questionable; the grip is absolutely huge, even with the proprietary short ammunition. The pump slide can bite the hand that feeds it if one's hands are large (and of course, you need large hands to wrap around the pistol grip...). The recoil can be brutal, especially in the short barreled, folding-stocked military model. Newer military models have a large flash suppressor/muzzle brake assembly, but older versions had only a simple flash suppressor. The stock of the military model is a wire-type upward-folding model, which can be completely detached if desired.

A civilian model, the MAG-7/M1, is also made; this weapon has a permanently-attached wooden stock, a much-longer barrel, and no sort of flash suppressor or muzzle brake.

The proprietary ammunition was initially very high-priced and difficult to obtain, but prices have fallen dramatically as production has increased.

Twilight 2000 Notes: This weapon does not exist.

<b>Weapon</b>	<b>Ammunition</b>	<b>Weight</b>	<b>Magazines</b>	<b>Price</b>
<b>MAG-7 (Early)</b>	12 Gauge 2 1/3"	3.9 kg	5	\$702
<b>MAG-7 (Current)</b>	12 Gauge 2 1/3"	4 kg	5	\$742
<b>MAG-7/M1</b>	12 Gauge 2 1/3"	4.38 kg	5	\$700

<b>Weapon</b>	<b>ROF</b>	<b>Damage</b>	<b>Pen</b>	<b>Bulk</b>	<b>SS</b>	<b>Burst</b>	<b>Range</b>
<b>MAG-7 (Early)</b>	PA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	4/5	4	Nil	27
<b>MAG-7 (Current)</b>	PA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	4/5	3	Nil	27
<b>MAG-7/M1</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	47

### Sarsilmaz Cobra

Notes: Designed primarily for police use (though also sold to civilians), the Cobra is found in four variants which are essentially identical in their mechanisms, but vary in the stocks. All are basically conventional pump-action weapons with underbarrel tubular magazines.

The Baba is the base member of the Cobra line; it is basically a no-frills shotgun which looks much like other such shotguns in the world, with wooden furniture and no embellishments other than a rubber recoil pad. The Cobra is basically the same, but the furniture and pump slide are polymer. The Super Cobra is also essentially the same as the Cobra, but the stock is a Speedfeed stock with a compartment for four extra rounds in the stock. The New Cobra is definitely a tactical shotgun, with a stock that folds over the top of the weapon (but unfortunately no sort of pad on the buttplate), and a full pistol grip. Both the pistol grip and the pump slide are of polymer, and the stock is of strong yet lightweight alloy. An unusual feature for all members of the Cobra line except the Baba is the semi-matte black finish on the metalwork, but with gold highlights on the receiver. (The Baba has metalwork which is simply semi-matte black with no highlights.) Sights for all of these weapons are simple notch rear and blade front sights, and they can be had with 18.5-inch or 24-inch barrels.

Weapon	Ammunition	Weight	Magazines	Price
Baba (18.5" Barrel)	12 Gauge 2.75" and 3"	3.4 kg	5 Tubular	\$932
Baba (24" Barrel)	12 Gauge 2.75" and 3"	3.53 kg	7 Tubular	\$960
Cobra (18.5" Barrel)	12 Gauge 2.75" and 3"	3.26 kg	5 Tubular	\$944
Cobra (24" Barrel)	12 Gauge 2.75" and 3"	3.38 kg	7 Tubular	\$973
Super Cobra (18.5" Barrel)	12 Gauge 2.75" and 3"	3.29 kg	5 Tubular	\$949
Super Cobra (24" Barrel)	12 Gauge 2.75" and 3"	3.41 kg	7 Tubular	\$978
New Cobra (18.5" Barrel)	12 Gauge 2.75" and 3"	3.26 kg	5 Tubular	\$889
New Cobra (24" Barrel)	12 Gauge 2.75" and 3"	3.38 kg	7 Tubular	\$918

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Baba (18.5", 2.75")	PA	4/1d6x24 or 2d4x8	2-3-Nil/Nil or 1-Nil	6	4	Nil	39
Baba (18.5", 3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	45
Baba (24", 2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	52
Baba (24", 3")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	59
Cobra (18.5", 2.75")	PA	4/1d6x24 or 2d4x8	2-3-Nil/Nil or 1-Nil	6	4	Nil	39
Cobra (18.5", 3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	45
Cobra (24", 2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	52
Cobra (24", 3")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	59
Super Cobra (18.5", 2.75")	PA	4/1d6x24 or 2d4x8	2-3-Nil/Nil or 1-Nil	6	4	Nil	39
Super Cobra (18.5", 3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	45
Super Cobra (24", 2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	52
Super Cobra (24", 3")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	59
New Cobra (18.5", 2.75")	PA	4/1d6x24 or 2d4x8	2-3-Nil/Nil or 1-Nil	5/6	5	Nil	39
New Cobra (18.5", 3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5/6	5	Nil	45
New Cobra (24", 2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6/7	5	Nil	52
New Cobra (24", 3")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	6/7	5	Nil	59

### Tristar TEC-12

Notes: As stated in Turkish Semiautomatic Shotguns, Tristar is the American company that is importing the TEC-12 from a part of Huglu in Turkey. It is designed for self-defense, and is similar in concept to the SPAS-12 in that it is normally used as a pump-action shotgun, but a turn of a dial turns it into a semiautomatic shotgun. The TEC-12 comes in only one version, with a synthetic stock, true pistol grip, and topped with a MIL-STD-1913 rail. Though the stock has no recoil pad, in semiautomatic mode the operation is by Inertia Rotary Bolt, dampening felt recoil in that mode of fire. The sights are ghost ring-type sights that allow for quick target acquisition at short range. The front sight also has a fiberoptic bead. Barrel length is compact at 20 inches; the barrel comes with one external choke tube -- Ported Cylinder (native choke is Full). It does not come with any, but can use Beretta or Benelli choke tubes.

Weapon	Ammunition	Weight	Magazines	Price
TEC-12	12 Gauge 3"	3.36 kg	5 Tubular	\$883
TEC-12 w/Ported Cylinder Choke	12 Gauge 3"	3.46 kg	5 Tubular	\$1005

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
TEC-12	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	5	Nil	49
TEC-12	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	49
TEC-12 w/Ported Cylinder Choke	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	49

<b>TEC-12 w/Ported Cylinder Choke</b>	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	49
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**UTAS UTS-15 Gen 3**

Notes: Similar in many ways to the Kel-Tec KSG, the UTS-15 (Ultimate Tactical Shotgun) feeds from a pair of magazine tubes above the barrel. The UTS-15 was first pitched as a request from several police agencies in the US to Smith & Wesson for “the ultimate police shotgun.” Smith & Wesson was not interested, pointing to the Kel-Tec KSG and its disappointing sales. The Turkish manufacturer of UTAS (through its US offices) decided to take up the design criteria. Though it is an effective weapon when all is right, the UTS-15, like the KSG, suffered problems in failure to feed and failure to extract. UTAS rectified this with a Gen 2 and Gen 3 of the UTS-15, and it appears that with Gen 3, the problems have been fixed. The UTS-15 has enjoyed not only police sales, but is being sold to civilians.

The UTS-15 works by pump-action, with the slide under the barrel. The magazines can feed the action in an alternating pattern (first from the right magazine, then the left), or from one magazine or the other, useful when the shooter has different types of ammunition in each magazine. The UTS-15 has a bullpup design; though the magazines are ahead of the trigger, the action is in the stock, and the overall length of the UTS-15 is only 28.3 inches. Atop the weapon is a Picatinny Rail for mounting of optics or accessories. The UTS-15 comes with a built-in flashlight and laser pointer in the front of the weapon, below the muzzle; the controls are on the pistol grip. The laser is red and the flashlight throws 200 lumens. They are powered by a pair of lithium batteries, with the batteries housed below the laser/light pair. The sights, machined from billet aluminum, are both adjustable for elevation and windage.

The 18.5-inch barrel may be tipped by a 7.5-inch long barrel extension with muzzle porting and spikes that is used to help tame recoil, increase accuracy, and is used for breaching doors, windows, and locks. The extension is essentially a choke tube, and interchangeable choke tubes may not be used with the extension in place. The basic barrel is threaded to allow for the use of Beretta-type removable choke tubes.

The UTS-15 may be finished in black, gray, or in a digital desert camouflage, a marine base blue over a black and gray base coating, or a digital woodland camouflage. The receiver housing is of polymer, while most of the rest of the housing parts are of aluminum. Barrel and working parts are of steel. Steel parts are finished with chrome or black oxide, aluminum parts are black anodized; and polymer parts are black. Some weirder finishes include "Muddy Girl" (a sort of pink/brown/woodland "camouflage"), Zombie Green, and Krytek (Desert, but in a “chocolate chip” pattern.).

Other than complaints about the feed (mostly fixed), other complaints center around the stock – and that it is not very comfortable. The LOP is short, as the entire shotgun is short. Retraining is necessary to fire the UTS-15 from the shoulder. The UTS-15 is not set up for left-handed shooters; in fact, where the ejection port is, the spent shells are shot directly into the mouth of a left-handed shooter. A brass deflector is necessary. The cover to the ejection port is kept shut by a magnet, and turns on and off as the gun cycles, which tends to make the cover flop around in quick shooting. Loading quickly is basically impossible. Topping off the magazines while in the firing position can be very difficult (though most police consider the amount of available ammunition plenty): it is considerably easier than loading a KSG. The magazines are slotted to allow the shooter to see how much magazine he has, but this is also an entry point for dust and dirt.

Weapon	Ammunition	Weight	Magazines	Price
<b>UTS-15</b>	12 Gauge 2.5", 2.75", 3"	3.13 kg	7 Tubular (x2)	\$858
<b>UTS-15 (w/Barrel Extension)</b>	12 Gauge 2.5", 2.75", 3"	3.49 kg	7 Tubular (x2)	\$951
<b>Barrel Extension</b>	NA	0.36 kg	NA	\$93

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>UTS-15 (2.5")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	4	Nil	37
<b>UTS-15 (2.75")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	4	Nil	43
<b>UTS-15 (3")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5	4	Nil	54
<b>UTS-15 (2.5", w/Extension)</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	3	Nil	45
<b>UTS-15 (2.75", w/Extension)</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	6	3	Nil	51
<b>UTS-15 (3", w/Extension)</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	6	3	Nil	58

**Sarsilmaz Cobra**

Notes: Designed primarily for police use (though also sold to civilians), the Cobra is found in four variants which are essentially identical in their mechanisms, but vary in the stocks. All are basically conventional pump-action weapons with underbarrel tubular magazines.

The Baba is the base member of the Cobra line; it is basically a no-frills shotgun which looks much like other such shotguns in the world, with wooden furniture and no embellishments other than a rubber recoil pad. The Cobra is basically the same, but the furniture and pump slide are polymer. The Super Cobra is also essentially the same as the Cobra, but the stock is a Speedfeed stock with a compartment for four extra rounds in the stock. The New Cobra is definitely a tactical shotgun, with a stock that folds over the top of the weapon (but unfortunately no sort of pad on the buttplate), and a full pistol grip. Both the pistol grip and the pump slide are of



polymer, and the stock is of strong yet lightweight alloy. An unusual feature for all members of the Cobra line except the Baba is the semi-matte black finish on the metalwork, but with gold highlights on the receiver. (The Baba has metalwork which is simply semi-matte black with no highlights.) Sights for all of these weapons are simple notch rear and blade front sights, and they can be had with 18.5-inch or 24-inch barrels.

Weapon	Ammunition	Weight	Magazines	Price
Baba (18.5" Barrel)	12 Gauge 2.75" and 3"	3.4 kg	5 Tubular	\$932
Baba (24" Barrel)	12 Gauge 2.75" and 3"	3.53 kg	7 Tubular	\$960
Cobra (18.5" Barrel)	12 Gauge 2.75" and 3"	3.26 kg	5 Tubular	\$944
Cobra (24" Barrel)	12 Gauge 2.75" and 3"	3.38 kg	7 Tubular	\$973
Super Cobra (18.5" Barrel)	12 Gauge 2.75" and 3"	3.29 kg	5 Tubular	\$949
Super Cobra (24" Barrel)	12 Gauge 2.75" and 3"	3.41 kg	7 Tubular	\$978
New Cobra (18.5" Barrel)	12 Gauge 2.75" and 3"	3.26 kg	5 Tubular	\$889
New Cobra (24" Barrel)	12 Gauge 2.75" and 3"	3.38 kg	7 Tubular	\$918

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Baba (18.5", 2.75")	PA	4/1d6x24 or 2d4x8	2-3-Nil/Nil or 1-Nil	6	4	Nil	39
Baba (18.5", 3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	45
Baba (24", 2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	52
Baba (24", 3")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	59
Cobra (18.5", 2.75")	PA	4/1d6x24 or 2d4x8	2-3-Nil/Nil or 1-Nil	6	4	Nil	39
Cobra (18.5", 3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	45
Cobra (24", 2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	52
Cobra (24", 3")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	59
Super Cobra (18.5", 2.75")	PA	4/1d6x24 or 2d4x8	2-3-Nil/Nil or 1-Nil	6	4	Nil	39
Super Cobra (18.5", 3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	45
Super Cobra (24", 2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	52
Super Cobra (24", 3")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	59
New Cobra (18.5", 2.75")	PA	4/1d6x24 or 2d4x8	2-3-Nil/Nil or 1-Nil	5/6	5	Nil	39
New Cobra (18.5", 3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5/6	5	Nil	45
New Cobra (24", 2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6/7	5	Nil	52
New Cobra (24", 3")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	6/7	5	Nil	59

### Tristar TEC-12

Notes: As stated in Turkish Semiautomatic Shotguns, Tristar is the American company that is importing the TEC-12 from a part of Huglu in Turkey. It is designed for self-defense, and is similar in concept to the SPAS-12 in that it is normally used as a pump-action shotgun, but a turn of a dial turns it into a semiautomatic shotgun. The TEC-12 comes in only one version, with a synthetic stock, true pistol grip, and topped with a MIL-STD-1913 rail. Though the stock has no recoil pad, in semiautomatic mode the operation is by Inertia Rotary Bolt, dampening felt recoil in that mode of fire. The sights are ghost ring-type sights that allow for quick target acquisition at short range. The front sight also has a fiberoptic bead. Barrel length is compact at 20 inches; the barrel comes with one external choke tube -- Ported Cylinder (native choke is Full). It does not come with any, but can use Beretta or Benelli choke tubes.

Weapon	Ammunition	Weight	Magazines	Price
TEC-12	12 Gauge 3"	3.36 kg	5 Tubular	\$883
TEC-12 w/Ported Cylinder Choke	12 Gauge 3"	3.46 kg	5 Tubular	\$1005

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
TEC-12	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	5	Nil	49
TEC-12	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	49
TEC-12 w/Ported Cylinder Choke	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	49
TEC-12 w/Ported Cylinder Choke	SA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	49

### UTAS UTS-15 Gen 3

Notes: Similar in many ways to the Kel-Tec KSG, the UTS-15 (Ultimate Tactical Shotgun) feeds from a pair of magazine tubes above the barrel. The UTS-15 was first pitched as a request from several police agencies in the US to Smith & Wesson for "the ultimate police shotgun." Smith & Wesson was not interested, pointing to the Kel-Tec KSG and its disappointing sales. The Turkish manufacturer of UTAS (through its US offices) decided to take up the design criteria. Though it is an effective weapon when all is right, the UTS-15, like the KSG, suffered problems in failure to feed and failure to extract. UTAS rectified this with a Gen 2 and Gen 3

of the UTS-15, and it appears that with Gen 3, the problems have been fixed. The UTS-15 has enjoyed not only police sales, but is being sold to civilians.

The UTS-15 works by pump-action, with the slide under the barrel. The magazines can feed the action in an alternating pattern (first from the right magazine, then the left), or from one magazine or the other, useful when the shooter has different types of ammunition in each magazine. The UTS-15 has a bullpup design; though the magazines are ahead of the trigger, the action is in the stock, and the overall length of the UTS-15 is only 28.3 inches. Atop the weapon is a Picatinny Rail for mounting of optics or accessories. The UTS-15 comes with a built-in flashlight and laser pointer in the front of the weapon, below the muzzle; the controls are on the pistol grip. The laser is red and the flashlight throws 200 lumens. They are powered by a pair of lithium batteries, with the batteries housed below the laser/light pair. The sights, machined from billet aluminum, are both adjustable for elevation and windage.

The 18.5-inch barrel may be tipped by a 7.5-inch long barrel extension with muzzle porting and spikes that is used to help tame recoil, increase accuracy, and is used for breaching doors, windows, and locks. The extension is essentially a choke tube, and interchangeable choke tubes may not be used with the extension in place. The basic barrel is threaded to allow for the use of Beretta-type removable choke tubes.

The UTS-15 may be finished in black, gray, or in a digital desert camouflage, a marine base blue over a black and gray base coating, or a digital woodland camouflage. The receiver housing is of polymer, while most of the rest of the housing parts are of aluminum. Barrel and working parts are of steel. Steel parts are finished with chrome or black oxide, aluminum parts are black anodized; and polymer parts are black. Some weirder finishes include "Muddy Girl" (a sort of pink/brown/woodland "camouflage"), Zombie Green, and Krytek (Desert, but in a "chocolate chip" pattern.).

Other than complaints about the feed (mostly fixed), other complaints center around the stock – and that it is not very comfortable. The LOP is short, as the entire shotgun is short. Retraining is necessary to fire the UTS-15 from the shoulder. The UTS-15 is not set up for left-handed shooters; in fact, where the ejection port is, the spent shells are shot directly into the mouth of a left-handed shooter. A brass deflector is necessary. The cover to the ejection port is kept shut by a magnet, and turns on and off as the gun cycles, which tends to make the cover flop around in quick shooting. Loading quickly is basically impossible. Topping off the magazines while in the firing position can be very difficult (though most police consider the amount of available ammunition plenty): it is considerably easier than loading a KSG. The magazines are slotted to allow the shooter to see how much magazine he has, but this is also an entry point for dust and dirt.

Weapon	Ammunition	Weight	Magazines	Price
UTS-15	12 Gauge 2.5", 2.75", 3"	3.13 kg	7 Tubular (x2)	\$858
UTS-15 (w/Barrel Extension)	12 Gauge 2.5", 2.75", 3"	3.49 kg	7 Tubular (x2)	\$951
Barrel Extension	NA	0.36 kg	NA	\$93

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
UTS-15 (2.5")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	4	Nil	37
UTS-15 (2.75")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	4	Nil	43
UTS-15 (3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5	4	Nil	54
UTS-15 (2.5", w/Extension)	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	3	Nil	45
UTS-15 (2.75", w/Extension)	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	6	3	Nil	51
UTS-15 (3", w/Extension)	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	6	3	Nil	58

**American Legacy Firearms/Ithaca NRA Shotgun**

Notes: This shotgun was designed as a commemorative issue for the NRA by ALF. It was built on an Ithaca 37 Featherlight pump-action shotgun, and is replete with engravings on the receiver, stock, pistol grip wrist, and pump slide. These engravings, especially on the receiver, are quite intricate, and the receiver is gold-plated. The magazine cap is also gold-plated, as is the trigger guard and trigger. The pistol grip cap is ebony, and likewise engraved. The weapon has a front sight, which is fiberoptic. The artwork consists of fowl throughout the US. The guns have special serial numbers, which are consecutive. Only 100 per state are available. It is available only in 20 gauge, with a 26-inch match-quality barrel; the ejection port has been shifted to the bottom of the receiver, allowing both sides of the receiver to be engraved. Stocks are of high-quality American walnut, with a deluxe finish. Three interchangeable choke tubes (Full, Modified, and improved cylinder) come with the shotgun; standard choke is Extra Full). The IRL price of one of these is several thousand dollars.

Weapon	Ammunition	Weight	Magazines	Price
NRA Shotgun	20 Gauge 3"	2.64 kg	5 Tubular	\$759

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
NRA Shotgun	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	56

**ASD Tactical Shotgun**

Notes: The ASD Tactical (ASD stands for the manufacturer's unusual name, Acme Spotted Dog) is a highly-modernized Remington 870 shotgun. Improvements include polymer construction, a sidesaddle cartridge holder on the left side that holds six spare rounds, a pistol grip instead of the normal shotgun stock, a combat sling, and a pump slide that has a sleeve for a flashlight or laser aiming module. The rear sight is mounted on a patented TRAK-LOCK mount; this sight can be removed and replaced with other types of iron or certain optical sights. The supplied rear sight is a ghost-ring-type sight, and the front sight is high and has a tritium inlay. In front of the rear sight is a MIL-STD-1913 rail. The ASD Tactical is heavy for a shotgun of its type, but this helps fight recoil.

Weapon	Ammunition	Weight	Magazines	Price
ASD Tactical	12 Gauge 2.75" and 3"	4.08 kg	6 Tubular	\$868

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
ASD Tactical (2.75")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	39
ASD Tactical (3")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	44

**Charles Daly Combat Shotgun**

Notes: This shotgun is manufactured in Turkey specifically for sale in the US under the Charles Daly name. It is a very lightweight, but basic shotgun that is easy to use and tote around. The Charles Daly Combat Shotgun has actually had more sales to civilians than military or police as it was intended. The stock has a thick rubber recoil pad, and the slide is ribbed to ease cycling. The weapon has a crossbolt safety. The action is said to be one of the smoothest in a pump-action shotgun.

Weapon	Ammunition	Weight	Magazines	Price
Charles Daly Combat	12 Gauge 2.75"	2.73 kg	5 Tubular	\$884

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Charles Daly Combat	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	39

**Charles Daly Field Grade Hunter/Maxi-Mag Pump Action**

Notes: These pump action shotguns are actually produced for Charles Daly by Fabarm of Italy. They are produced only in 12 gauge versions, with a 3-inch chambering for the Field Grade Hunter (though it is also capable of chambering 2.75-inch shells) and a 3.5-inch chamber for the Maxi-Mag (though it also capable of using 2.75-inch and 3-inch shells). They are both equipped with a barrel which has a ventilated barrel rib on top. Stocks are synthetic and come in black or camouflage finishes (with Camo versions not being made with a 30-inch barrel), with a pistol-grip wrist. Receivers are built from a single block of Ergal-55 aluminum; the barrels are of chrome-molybdenum steel. The Maxi-Mag also has compensator ports cut into the barrel to cut recoil, since it is a relatively lightweight weapon.

Weapon	Ammunition	Weight	Magazines	Price
Field Grade Hunter (24" Barrel)	12 Gauge 2.75" and 3"	2.96 kg	5 or 4 Tubular	\$973
Field Grade Hunter (26" Barrel)	12 Gauge 2.75" and 3"	3.01 kg	5 or 4 Tubular	\$984
Field Grade Hunter (28" Barrel)	12 Gauge 2.75" and 3"	3.07 kg	5 or 4 Tubular	\$994
Field Grade Hunter (30" Barrel)	12 Gauge 2.75" and 3"	3.12 kg	5 or 4 Tubular	\$1004
Maxi-Mag (24" Barrel)	12 Gauge 2.75", 3", and 3.5"	3.05 kg	5, 4, or 4 Tubular	\$1123
Maxi-Mag (28" Barrel)	12 Gauge 2.75", 3", and 3.5"	3.15 kg	5, 4, or 4 Tubular	\$1143

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Field Grade Hunter (24", 2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	52
Field Grade Hunter (26", 2.75")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	57
Field Grade Hunter (28", 2.75")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62
Field Grade Hunter (30", 2.75")	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	67
Field Grade Hunter (24", 3")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	59
Field Grade Hunter (26", 3")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	65
Field Grade Hunter (28", 3")	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70
Field Grade Hunter (30", 3")	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	76
Maxi-Mag (24", 2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	8	3	Nil	52
Maxi-Mag (28", 2.75")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	3	Nil	62
Maxi-Mag (24", 3")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	3	Nil	59
Maxi-Mag (28", 3")	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	70
Maxi-Mag (24", 3.5")	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	65
Maxi-Mag (28", 3.5")	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	77

### Charles Daly Field Slug/Field Tactical Pump-Action

Notes: These shotguns are designed specifically for the firing of shotgun slugs, but the barrel is smoothbore and coarse shot can also be fired through it. The two are basically identical, except that the Field Slug has an adjustable rear leaf sight and the Field Tactical does not. Both have a very short 18.5-inch barrel with a fixed Cylindrical choke, and have furniture of black high-impact plastic with a pistol grip wrist. Both are grooved for the attachment of telescopic sights. The receiver and barrel of the Field Slug may be finished in matte black or nickel plating; the Field Tactical has only matte black finishes for its metal parts. Note that there are no separate statistics for the Field Tactical below; it is identical to the Field Slug for game purposes.

Weapon	Ammunition	Weight	Magazines	Price
Field Slug	12 Gauge 3"	2.7 kg	5 Tubular	\$946

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Field Slug	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	45

### Ciener Ultimate Over-Under Combination

Notes: This is the same sort of idea as the Master Key Shotgun System below; however, it uses Remington 870P which is only slightly reduced in barrel length from the shortest version of the standard Remington 870P. It is also much easier to attach to the typical M-16/M-4 series weapon, using the bayonet lug to attach the weapon at the front and a simple clip for the upper receiver at the rear, and it only takes a few seconds to remove or attach the modified shotgun. There are plans to modify the system for use with other assault rifles, but if any such weapons exist, they are rare; the main setups are for use with M-16/M-4 series and similar weapons.

Weapon	Ammunition	Weight	Magazines	Price
Ciener Ultimate	12 Gauge (2 3/4", 3")	2.3 kg	5 Tubular	\$768

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Ciener Ultimate (2 3/4")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	Base Weapon +1	4	Nil	33
Ciener Ultimate (3")	PA	4/1d6x28 or 2d6x4	2-3-Nil/Nil or 1-Nil	Base Weapon +1	4	Nil	31

### Clandestine 12

Notes: This is a silenced 12-gauge shotgun based on the Remington 870P shotgun. The suppressor fits on the end of the muzzle and has a standoff attachment to allow hinges and locks to be blasted off doors without the possibility of blowing a barrel when the weapon is touched to the hinge or lock. Firing noise is reduced to roughly that of an air gun. The weapon's slide includes a clip for a flashlight or other attachment.

Twilight 2000 Notes: This weapon was in limited issue to US Army Delta units and Navy SEALs during the Twilight War.

Weapon	Ammunition	Weight	Magazines	Price
Clandestine 12	12 Gauge 2 1/2"	5.1 kg	7 Tubular	\$1374

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Clandestine 12	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	30

**H&R 1871 400**

Notes: Built in Spain for H&R in 1955-1967, the Model 400 is a working-day shotgun with a long barrel for hunting. The receiver is blued, along with the trigger guard and trigger, and the stock is of hardwood, along with the pump slide. The stock often shows signs of premature wear and stripped finish when found today, though the pump slide, where you would expect more wear, is usually better finished. The stock has a semi-pistol grip, though it is not checkered; the pump slide is ribbed for grip. The Model 400 is designed for sporting, with a standard 28-inch barrel (though many can be found with abbreviated barrels), and the standard choke is Full and it does not accept interchangeable chokes. Finish for the metalwork is mostly blued. Many buyers today have found that the internal parts also show signs of premature wear (as one online buyer said, "the only thing keeping it going is Break-Free." The 12 gauge and 16 gauge models have a recoil pad; the 20 gauge model does not. The Model 401 has an adjustable choke, and was made in the early 1960s. For game purposes, it is identical to the Model 400. The Model 402 is the same, but comes in .410 gauge only.

Weapon	Ammunition	Weight	Magazines	Price
Model 400	12 Gauge 3"	3.4 kg	5 Tubular	\$960
Model 400	16 Gauge 3"	3.24 kg	5 Tubular	\$829
Model 400	20 Gauge 3"	3.1 kg	5 Tubular	\$696
Model 402	.410 Gauge 3"	2.75 kg	5 Tubular	\$452

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 400	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	70
Model 400	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	64
Model 400	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	59
Model 402	PA	3/1d6x8	1-Nil/Nil	7	3	Nil	39

**Hesco Crossfire Mk-1**

Notes: The principal design of the Crossfire product line has been a rifle merged with an under-barrel pump-action shotgun. This design has been available since at least 1988. Originally the design was chambered in 7.62mm NATO and 12 Gauge, but recently the design has undergone some modifications. Now the company's new Mk-1 combo is available in 5.56mm NATO and 12 Gauge, and has been marketed for both civilian arms sales (with a thumbhole stock) and law enforcement sales. The new model has been designed with a flattop receiver to allow it to mount a series of optical devices (reflex sights, night vision scopes, etc.). Note that the rifle and shotgun parts cannot be fired at the same time. Trigger pull is crisp, with a weight of 4-6 pounds. The stock has a recoil pad.

Twilight 2000 Notes: The 5.56mm version does not exist.

Weapon	Ammunition	Weight	Magazines	Price
Crossfire Mk-1	12 Gauge (2 3/4", 3") + 7.62mm NATO	3.9 kg	20 + 4	\$2133
Crossfire Mk-1	12 Gauge (2 3/4", 3") + 5.56mm NATO	3.9 kg	5, 10, 20, 30 + 4	\$1499

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Crossfire Mk-1 (7.62mm)	PA	4	2-3-Nil	6	4	Nil	43
Crossfire Mk-1 (5.56mm)	PA	3	1-Nil	6	2	Nil	39
Crossfire Mk-1 (12 Gauge 2 3/4")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	32
Crossfire Mk-1 (12 Gauge 3")	PA	5/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	30

**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. In 20 gauge, the butt has a hard rubber plate which is textured for grip; in 12 gauge, there is a recoil pad. 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 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 30-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.

Weapon	Ammunition	Weight	Magazines	Price
Supermatic Field (26" Barrel)	12 Gauge 2.75"	3.41 kg	4 Tubular	\$833
Supermatic Field (28" Barrel)	12 Gauge 2.75"	3.5 kg	4 Tubular	\$843
Supermatic Field (30" Barrel)	12 Gauge 2.75"	3.58 kg	4 Tubular	\$853
Supermatic Field (26" Barrel)	20 Gauge 2.75"	3.26 kg	4 Tubular	\$636
Supermatic Field (28" Barrel)	20 Gauge 2.75"	3.34 kg	4 Tubular	\$646
Supermatic Field (26" Barrel)	20 Gauge 3"	3.35 kg	3 Tubular	\$680
Supermatic Field (28" Barrel)	20 Gauge 3"	3.43 kg	3 Tubular	\$690
Supermatic Special	12 Gauge 2.75"	3.41 kg	4 Tubular	\$837
Supermatic Special	20 Gauge 2.75"	3.3 kg	4 Tubular	\$641
Supermatic Special	20 Gauge 3"	3.39 kg	3 Tubular	\$685
Supermatic Duck	12 Gauge 3"	3.68 kg	3 Tubular	\$989

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Supermatic Field (12 GA, 2.75", 26")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	4	Nil	57
Supermatic Field (12 GA, 2.75", 28")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	4	Nil	62
Supermatic Field (12 GA, 2.75", 30")	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	67
Supermatic Field (20 GA, 2.75", 26")	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	48
Supermatic Field (20 GA, 2.75", 28")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	52
Supermatic Field (20 GA, 3", 26")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	55
Supermatic Field (20 GA, 3", 28")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	59
Supermatic Special (12 GA, 2.75")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	59
Supermatic Special (20 GA, 2.75")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	47
Supermatic Special (20 GA, 3")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	57
Supermatic Duck	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	76

### High Standard M-8113

Notes: This shotgun, also based on the Flite King, has been a popular police shotgun for decades, and the M-8113 is so well-constructed that many of them are still in service and functioning flawlessly, even though the last one was built in 1975. The M-8113 was even in competition at one point to become the standard USAF shotgun (though it lost out to the Remington 870P). Other than it's extreme durability, though, it is basically a standard sort of pump-action shotgun.

Weapon	Ammunition	Weight	Magazines	Price
M-8113	12 Gauge 2.75"	3.2 kg	6 Tubular	\$793

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M-8113	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	38

### Ithaca 37 Standard

Notes: The predecessor of the Model 87, the Model 37 endured a long gestation period before Ithaca could sell it. It is based on a 1915 shotgun by John Browning. Remington acquired the patent in 1917, redesigning it into the popular Remington 31. This would be replaced by the Model 870, which continues in production to this day. Ithaca waited for the Remington Model 17 patents (the original John Browning patents) to expire, and in 1931, acquired them. Originally, the resulting shotgun was to be called the Ithaca 33, but with the projected introduction date of 1937, they renamed it to the Model 37. With the economy taking a double dip, it was the worst time to introduce a new firearm. Ithaca, therefore, concentrated on military shotguns, the M-1911, and M-3 Grease Guns. After World War ended, Ithaca began to sell the Ithaca 37 again, and found it popular; today, it is third only to the M-1911 and M-2HB as the longest production run of any firearm. Later, the Ithaca was renamed the Ithaca 87, but due to customer outcry, they changed the name back to Ithaca 37. (Ithaca 87s may be considered a subtype of Ithaca 37's.)

They were also seen in the hands of civilians, particularly in the hands of Midwestern farmers. With competition from the Mossberg 500 and Remington 870, sales began to decline (and are still declining). Chinese copies of the Ithaca 37 do not help this picture; though the Chinese copies are markedly poorer in quality to the Ithaca 37, they are also IRL cheaper.

The Ithaca 37 is reloaded by inserting the shells into the bottom-mounted ejection port and pushing forward until the magazine stop is reached. On most models built 1975 or later, the user can use a technique called Slam-Fire. In this technique, the user keeps the trigger depressed and cycles the slide; the gun will fire each slide. Player characters who use this technique have an additional point of recoil, but may fire the Ithaca 37 as a semiautomatic shotgun.

The Models 37 Standard, Featherlight, and Field Grade Standard are all the same in game terms, except for the weight of the Featherlight. It is hammerless, comes with a fixed choke in various chokes, and was made from 1937 to 1985. It can take interchangeable choke tubes made by Ithaca and Remington. The barrel length indicates that it is a hunting shotgun, not meant for tactical use or home defense. Finish is blued, with a walnut stock and pump slide; the stock is semi-pistol gripped that is checkered, and the slide is grooved.

The Models 37V, 37 Featherlight Vent, and Field Grade Vent are the same as the Standard except that they have an aiming rib. The Model 37D is also the same for game terms, but it has a checkered semi-pistol grip and engraving on the receiver. The Model 37DV is the same as the Model 37D, but has a ventilated sighting rib. The Model 37 New Classic is also the same for game terms, but is even more deluxe than the Model 37DV.

Some of guns are similar for game purposes: The Model 37R, with has a ventilated sighting rib, It was discontinued in the late 1960s. The Model 37R is a Deluxe version of the Model 37D. All grip surfaces are checkered, and the wood is fancy. The Model 37T Supreme and Featherlight Supreme are deluxe versions of the same Standard gun, with engraving, color-case hardening on the receiver, and engraving with gold inlay. The Model 37S Skeet is the same as the Model 37 Standard, except for an extended slide. The Model 37 Field Classic is as the Standard, but of lesser qualities.

The English Ultra Featherlight is just -- amazingly light due to light alloys and lighter hardwoods. It has a 25-inch barrel and may be had with a Full, Modified, or Improved Cylinder chokes. The stock is a lighter walnut than standard versions, and metalwork is blued. It has a ventilated sight rib, and the receiver and side plates are engraved. This version was built from 1982 to 1987. The RL recoil on this thing must be murder. At least it has a recoil pad. The English is the same as the English Ultra Featherlight except the receiver is steel instead of aluminum alloy, the 20 gauge version comes with a 24-inch or 26-inch barrels, and the shotgun comes with 3 interchangeable choke tubes of the customer's choice.

Weapon	Ammunition	Weight	Magazines	Price
Ithaca 37 Standard (26" Barrel)	12 Gauge 2.75" and 3"	3.18 kg	4 Tubular	\$899
Ithaca 37 Standard (28" Barrel)	12 Gauge 2.75" and 3"	3.26 kg	4 Tubular	\$910
Ithaca 37 Standard (30" Barrel)	12 Gauge 2.75" and 3"	3.34 kg	4 Tubular	\$920
Ithaca 37 Standard (26" Barrel)	16 Gauge 2.75" and 3"	3.03 kg	4 Tubular	\$769
Ithaca 37 Standard (28" Barrel)	16 Gauge 2.75" and 3"	3.1 kg	4 Tubular	\$779
Ithaca 37 Standard (30" Barrel)	16 Gauge 2.75" and 3"	3.17 kg	4 Tubular	\$799
Ithaca 37 Standard (26" Barrel)	20 Gauge 2.75 and 3"	3.04 kg	4 Tubular	\$685
Ithaca 37 Standard (28" Barrel)	20 Gauge 2.75 and 3"	3.11 kg	4 Tubular	\$706
Ithaca 37 Standard (30" Barrel)	20 Gauge 2.75 and 3"	3.19 kg	4 Tubular	\$727
Ithaca 37 Standard (26" Barrel)	28 Gauge 2.75"	2.78 kg	4 Tubular	\$545
Ithaca 37 Standard (28" Barrel)	28 Gauge 2.75"	2.84 kg	4 Tubular	\$555
Ithaca 37 Standard (30" Barrel)	28 Gauge 2.75"	2.91 kg	4 Tubular	\$565
Ithaca 37 Featherlight (26" Barrel)	12 Gauge 2.75" and 3"	2.72 kg	4 Tubular	\$899
Ithaca 37 Featherlight (28" Barrel)	12 Gauge 2.75" and 3"	2.79 kg	4 Tubular	\$910
Ithaca 37 Featherlight (30" Barrel)	12 Gauge 2.75" and 3"	2.96 kg	4 Tubular	\$920
Ithaca 37 Featherlight (26" Barrel)	16 Gauge 2.75" and 3"	3.03 kg	4 Tubular	\$769

<b>Barrel)</b> Ithaca 37 Featherlight (28"	16 Gauge 2.75" and 3"	3.1 kg	4 Tubular	\$779
<b>Barrel)</b> Ithaca 37 Featherlight (30"	16 Gauge 2.75" and 3"	3.17 kg	4 Tubular	\$799
<b>Barrel)</b> Ithaca 37 Featherlight (26"	20 Gauge 2.75" and 3"	2.9 kg	4 Tubular	\$685
<b>Barrel)</b> Ithaca 37 Featherlight (28"	20 Gauge 2.75" and 3"	2.97 kg	4 Tubular	\$706
<b>Barrel)</b> Ithaca 37 Featherlight (30"	20 Gauge 2.75" and 3"	3.04 kg	4 Tubular	\$727
<b>Barrel)</b> Ithaca 37 Featherlight (26"	28 Gauge 2.75"	2.83 kg	4 Tubular	\$545
<b>Barrel)</b> Ithaca 37 Featherlight (28"	28 Gauge 2.75"	2.9 kg	4 Tubular	\$555
<b>Barrel)</b> Ithaca 37 Featherlight (30"	28 Gauge 2.75"	2.96 kg	4 Tubular	\$565
Ithaca English 37 Ultra Featherlight	12 Gauge 2.75"	2.15 kg	3 Tubular	\$906
Ithaca English 37 Ultra Featherlight	20 Gauge 2.75"	2.15 kg	3 Tubular	\$773
Ithaca 37 English	12 Gauge 2.75"	3.06 kg	3 Tubular	\$902
Ithaca 37 English (24" Barrel)	20 Gauge 2.75"	2.81 kg	3 Tubular	\$701
Ithaca 37 English (26" Barrel)	20 Gauge 2.75"	2.74 kg	3 Tubular	\$711

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Ithaca 37 Standard (12 GA, 2.75", 26")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	57
Ithaca 37 Standard (12 GA, 2.75", 28")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
Ithaca 37 Standard (12 GA, 2.75", 30")	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	67
Ithaca 37 Standard (12 GA, 3", 26")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	65
Ithaca 37 Standard (12 GA, 3", 28")	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	70
Ithaca 37 Standard (12 GA, 3", 30")	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	76
Ithaca 37 Standard (16 GA, 2.75", 26")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	52
Ithaca 37 Standard (16 GA, 2.75", 28")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	56
Ithaca 37 Standard (16 GA, 2.75", 30")	PA	4/1d6x28 or 2d6x4	2-3-Nil/Nil or Nil	8	5	Nil	61
Ithaca 37 Standard (16 GA, 3", 26")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	59
Ithaca 37 Standard (16 GA, 3", 28")	PA	4/1d6x28 or 2d6x4	2-3-Nil/Nil or Nil	8	5	Nil	64
Ithaca 37 Standard (16 GA, 3", 30")	PA	4/1d6x28 or 2d6x4	2-3-Nil/Nil or Nil	8	5	Nil	69



<b>Ithaca 37 Standard (20 GA, 2.75", 26")</b>	PA	4/1d6x20 or 2d4x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	48
<b>Ithaca 37 Standard (20 GA, 2.75", 28")</b>	PA	4/1d6x24 or 2d4x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	52
<b>Ithaca 37 Standard (20 GA, 2.75", 30")</b>	PA	4/1d6x24 or 2d4x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	56
<b>Ithaca 37 Standard (20 GA, 3", 26")</b>	PA	4/1d6x24 or 2d4x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	55
<b>Ithaca 37 Standard (20 GA, 3", 28")</b>	PA	4/1d6x24 or 2d4x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	59
<b>Ithaca 37 Standard (20 GA, 3", 30")</b>	PA	4/1d6x24 or 2d4x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	64
<b>Ithaca 37 Standard (20 GA, 2.75", 26")</b>	PA	4/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	7	5	Nil	43
<b>Ithaca 37 Standard (20 GA, 2.75", 28")</b>	PA	4/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	8	5	Nil	47
<b>Ithaca 37 Standard (20 GA, 2.75", 30")</b>	PA	4/1d6x20 or 2d4x4	2-Nil/Nil or 1-Nil	8	5	Nil	50
<b>Ithaca 37 Standard (28 GA, 2.75", 26")</b>	PA	3/1d6x16 or 2d4x4	2-Nil/Nil or 1-Nil	8	5	Nil	43
<b>Ithaca 37 Standard (28 GA, 2.75", 28")</b>	PA	4/1d6x16 or 2d4x4	2-Nil/Nil or 1-Nil	8	5	Nil	47
<b>Ithaca 37 Standard (28 GA, 2.75", 30")</b>	PA	4/1d6x20 or 2d4x4	2-Nil/Nil or 1-Nil	8	5	Nil	50
<b>Ithaca 37 English Ultra Featherlight (12 GA)</b>	PA	5/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	6	Nil	54
<b>Ithaca 37 English Ultra Featherlight (20 GA)</b>	PA	4/1d6x24 or 2d4x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	49
<b>Ithaca 37 English (12 GA)</b>	PA	5/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	54
<b>Ithaca 37 English (20 GA, 24")</b>	PA	4/1d6x20 or 2d4x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	44
<b>Ithaca 37 English (20 GA, 26")</b>	PA	4/1d6x20 or 2d4x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	48

### **Ithaca 37: Hunting-Specific Guns**

The Model 37 Bear Stopper was made for explorers who were going into places they might expect trouble from animals. The Model 37 DSPS and DSPS-B were also based on animal guns (the Deerslayer), but it has a ribbed slide, and found in a standard, deep blued, parkerized, or chrome-finished. For game purposes, they were identical to Bear Stopper.

The Waterfowler also suits its name, being designed for upland duck and goose hunting. It uses a long 28-inch barrel with a removable steel shot choke tube. It is lightweight (that is good and bad, of course). Its furniture is synthetic, the finish camouflage with clear coat. It has a recoil pad on the butt and a ventilated sight rib. It was introduced in 2001.

The Turkeyslayer is sort of a birding gun (in a way...), but was designed to take out turkeys at a shorter range than a fowling piece. It uses a 22-inch barrel with an extended full choke tube in addition to whatever choke the buyer specified. It has rifle-type sights rather than a sight rib. The external metalwork is blued, and the stock and slide are synthetic. The butt has a recoil pad. The Turkeyslayer can be had with a shorter length of pull for Youth shooters.

The Deerslayer is designed for short-range hunting; the short-barreled model is also useful for home defense. The Deerslayer came first in the late 1960s and continued in production until 1987. Popular demand led to its reintroduction in 1990 as the Deerslayer II, which is identical for game purposes. The Deerslayer III was introduced in 2001, with a 26-inch barrel and only in 12 gauge. The Deerslayer Storm is a Deerslayer II with a dull Parkerized finish and a synthetic stock and slide; it is identical to the standard Deerslayer for game purposes. The Ultra Deerslayer is almost identical for game purposes to the 20-inch barreled version of the Deerslayer, but has a rifled barrel for use with slugs. The Deerslayer Super Deluxe was introduced in 1983 and is a version with Grade 1 walnut for the stock and slide, deep blued metalwork, and a recoil pad. It is otherwise identical to the Model 37.

<b>Weapon</b>	<b>Ammunition</b>	<b>Weight</b>	<b>Magazines</b>	<b>Price</b>
<b>Ithaca 37 Bear Stopper (18.5" Barrel)</b>	12 Gauge 2.75" and 3"	3.9 kg	5 Tubular,8 Tubular	\$858
<b>Ithaca 37 Bear Stopper (20" Barrel)</b>	12 Gauge 2.75" and 3"	3.96 kg	5 Tubular,8	\$865

				Tubular	
Ithaca 37 Waterfowler	12 Gauge 3"	3.18 kg	4 Tubular	\$917	
Ithaca 37 Turkeyslayer	12 Gauge 2.75"	3.18 kg	4 Tubular	\$900	
Ithaca 37 Turkeyslayer	20 Gauge 2.75"	2.95 kg	4 Tubular	\$703	
Ithaca 37 Deerslayer (20" Barrel)	12 Gauge 2.75"	3.23 kg	4 Tubular	\$877	
Ithaca 37 Deerslayer (25" Barrel)	12 Gauge 2.75"	3.41 kg	4 Tubular	\$903	
Ithaca 37 Deerslayer III	12 Gauge 2.75"	3.45 kg	4 Tubular	\$908	

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Ithaca 37 Bear Stopper (12 GA, 2.75", 18.5")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	39
Ithaca 37 Bear Stopper (12 GA, 2.75", 20")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5	4	Nil	43
Ithaca 37 Bear Stopper (12 GA, 3", 18.5")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5	4	Nil	45
Ithaca 37 Bear Stopper (12 GA, 3", 20")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5	4	Nil	49
Ithaca 37 Waterfowler	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70
Ithaca 37 Turkeyslayer (12 GA)	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	47
Ithaca 37 Turkeyslayer (20 GA)	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	40
Ithaca 37 Deerslayer (20")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	43
Ithaca 37 Deerslayer (25")	PA	5/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	54
Ithaca 37 Deerslayer III	PA	5/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	57

### Ithaca 37: Military & Police Models

Notes: These versions of the Model 37 shotgun are designed for Law Enforcement and military use. The Homeland Security is built to the original specifications – all steel and wood, with no light alloy, titanium, tungsten, polymer, etc. The only exception is a rubber recoil pad. The Ithaca 37 Homeland Security is intended for home defense and riot control, and is simple and easy to use.

The Model 37 M&P is, as the name would indicate, designed for military and police use. They are similar to the Bear Stopper, but use different barrel lengths with a Cylindrical choke, and a high-quality barrel. They have non-glare oil finish for the wood. Most have parkerized dull finish for the external metal, though some have chromed receivers (discontinued in 1985). The M&P itself was discontinued in 1987. They are made deliberately heavier to help with felt recoil, and also have a recoil pad on the butt. The long magazine reaches almost to the muzzle.

A related model is the Ithaca 37 Trench Gun. After the success of the Winchester and Remington shotguns in World War 1, Ithaca said, "We've got to get into this market and get a government contract!" (OK, they probably didn't say exactly that, but something like it was going through the executives' heads.) The Ithaca 37 itself did not appear until 1937, seemingly too late to get in on the game – but then World War 2 happened, and troops fighting in the jungle and some MOUT conditions were hollering for shotguns. The Ithaca 37 had some features that its fellow Trench Guns didn't have, such as upward loading and downward shell ejection. It received the same modifications as the other Trench Guns – including a perforated aluminum heat shield, a bayonet lug, and a sling. Ithaca used its M&P model as a base (with a 20.1-inch barrel), adding the government modifications and a recoil pad. They were finished in Ithaca's commercial-grade blue. Stocks were beech; initial Trench Guns were checkered on the semi-pistol grip and slide lever, but quickly the checkering was stopped and the slide gained its ribbed configuration. Some 1422 Ithaca 37 Trench Guns were built; all of these were built and sent to the Army and Marines between 27 Jun and 04 Sep 1942. The Ithaca 37 Trench Guns were later used in Korea by US and ROK forces, and still later were given to the ARVN during the Vietnam War. In addition, the USAF ordered 206 of these guns for its Security Police, and some 3000 were ordered during the Vietnam War for use by US Navy SEALs. These were also used by USMC Recon teams. Franklin Armory experimented with a "duckbill" rapid shot spreader, and an order was quickly placed by the SEALs and USMC for an unknown number of duckbills. Later, in the 2010's, Inland Manufacturing introduced a replica of the Model 37 Trench Gun, which is as close a copy as possible of the original and, for game purposes, is identical to the original Model 37 Trench Gun. It is still (as of when I write this, in April 2019) being manufactured. Original M37 Trench Guns are rare, can be in disrepair, and if in good shape, will cost you money better spent on paying off your credit card bills.

The Stakeout is a shortened Ithaca 37 often found with a foregrip on the slide for fast action. The weapon comes in a light version for concealment. It is generally illegal in many countries for civilian use due to its short barrel and stockless configuration, but it is ideal for hiding under a long coat.

The greatest single users of the Ithaca 37 were the New York Police, who use them with a 13-inch barrel for their ESU and 18-inch for the Highway Patrol. The Los Angeles PD, as well as the Los Angeles County Sheriff's Departments, used an 18-inch model.

In 2017, Inland Manufacturing introduced a basically faithful reproduction of the Trench Gun. It has all the features of the M37 Trench Gun – perforated heat shield, extension on the end for a bayonet lug, bottom ejection, and left-hand feed (though the ejection port. The Inland model has a wood stock and pump slide that approximates the wood of a standard Trench Gun, though it is not exactly the same wood used on the original Trench Gun, is walnut, and the buttplate is polymer, while the original was shield.. The

metalwork is Parkerized, as the Trench Guns modified for use in Vietnam (where it was employed the most) were finished. Action is identical to the original Trench Gun, though parts are made using modern CNC manufacturing. Unlike the original Trench Gun, the barrel of the Inland model is 20 inches, mostly to comply with US firearms regulations; the base choke is cylinder, and there is no provision for choke tubes.. The Inland model is also chambered for 3" Magnum shells, though it can also accept 2.75" shells.. The Inland model can have its heat shield removed, and replaced with an appropriately-fitting handguard of the user's choice. The trigger is tuned to a medium-touch, a bit better than the original Ithaca Trench Gun.

Weapon	Ammunition	Weight	Magazines	Price
Homeland Security	12 Gauge 3"	2.72 kg	5 Tubular	\$932
Homeland Security	20 Gauge 3"	1.91 kg	5 Tubular	\$717
Ithaca 37 M&P (18" Barrel)	12 Gauge 2.75"	4.1 kg	5 Tubular,8 Tubular	\$871
Ithaca 37 M&P (20.1" Barrel)	12 Gauge 2.75"	4.16 kg	5 Tubular,8 Tubular	\$882
Ithaca 37 (NYPD ESU)	12 Gauge 2.75" and 3"	2.69 kg	4 Tubular	\$833
Ithaca 37 (NY/CA Police)	12 Gauge 2.75" and 3"	2.85 kg	4 Tubular	\$859
Ithaca Stakeout	12 Gauge 2.75"	2.35 kg	8 Tubular	\$789
Ithaca Stakeout Light	12 Gauge 2.75"	2.26 kg	5 Tubular	\$782
Ithaca 37 Trench Gun	12 Gauge 2.75"	3.29 kg	5 Tubular	\$855
Inland Trench Gun	12 Gauge 3" & 2.75"	3.03 kg	4 Tubular	\$940

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Homeland Security (12GA)	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	37
Homeland Security (20GA)	PA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	6	5	Nil	32
Ithaca 37 M&P (18")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or Nil	6	4	Nil	39
Ithaca 37 M&P (20.1")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	44
Ithaca 37 NYPD ESU (12 GA, 2.75")	PA	4/1d6x20 or 2d4x4	2-3-Nil/Nil or 1-Nil	4	5	Nil	24
Ithaca 37 NYPD ESU (12 GA, 3")	PA	4/1d6x24 or 2d4x4	2-3-Nil/Nil or 1-Nil	4	5	Nil	27
Ithaca 37 NY/CA Police (12 GA, 2.75")	PA	4/1d6x24 or 2d4x4	2-3-Nil/Nil or 1-Nil	5	5	Nil	38
Ithaca 37 NY/CA Police (12 GA, 3")	PA	4/1d6x24 or 2d4x4	2-3-Nil/Nil or 1-Nil	5	5	Nil	43
Ithaca Stakeout	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5	5	Nil	34
Ithaca Stakeout Light	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	4	5	Nil	31
Ithaca Trench Gun	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	44
Inland Trench Gun (3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	49
Inland Trench Gun (2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	43

### Ithaca 37: Trap and Clays Models

The Ithaca 37 Sporting Clays is designed for, of course, for clay pigeon shooting. It is similar in game terms as the Model 37DV, but with a color-case hardening on the receiver, with engraving and gold inlay. It also has a different mix of barrel lengths, and has a recoil pad on the butt. It is also made deliberately heavier to help dampen recoil. The Model 37 Trap is the same as the Sporting Clays, but has 30-inch barrel.

Weapon	Ammunition	Weight	Magazines	Price
Ithaca 37 Sporting Clays (24" Barrel)	12 Gauge 2.75" and 3"	3.2 kg	4 Tubular	\$939
Ithaca 37 Sporting Clays (26" Barrel)	12 Gauge 2.75" and 3"	3.23 kg	4 Tubular	\$949
Ithaca 37 Sporting Clays (28" Barrel)	12 Gauge 2.75" and 3"	3.59 kg	4 Tubular	\$960
Ithaca 37 Trap	12 Gauge 2.75" and 3"	3.67 kg	4 Tubular	\$970

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Ithaca Sporting Clays (12 GA, 2.75", 24")	PA	4/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	51
Ithaca Sporting Clays (12 GA, 2.75", 26")	PA	4/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	57
Ithaca Sporting Clays (12 GA, 2.75", 28")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
Ithaca Sporting Clays (12 GA, 3", 24")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	59
Ithaca Sporting Clays (12 GA, 3", 26")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	65

<b>Ithaca Sporting Clays (12 GA, 3", 28")</b>	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	70
<b>Ithaca 37 Trap (2.75")</b>	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	67
<b>Ithaca 37 Trap (3")</b>	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	76

### Ithaca 87

Notes: An American-made pump shotgun that can be customized using a number of accessories. The Model 87 has good magazine capacity and is widely distributed in both police and civilian markets, though the base Ithaca 87 model is primarily meant for the civilian market. They are designed to withstand abuse, and when first introduced, were known as the Featherlights due to their low weight.

Weapon	Ammunition	Weight	Magazines	Price
<b>Ithaca 87 (25" Barrel)</b>	12 Gauge (2 3/4", 3")	2.15 kg	8 Tubular	\$843
<b>Ithaca 87 (26" Barrel)</b>	12 Gauge (2 3/4", 3")	2.32 kg	8 Tubular	\$848
<b>Ithaca 87 (28" Barrel)</b>	12 Gauge (2 3/4", 3")	2.84 kg	8 Tubular	\$859
<b>Ithaca 87 (30" Barrel)</b>	12 Gauge (2 3/4", 3")	3.18 kg	8 Tubular	\$869
<b>Ithaca 87 (25" Barrel)</b>	20 Gauge (2 3/4", 3")	1.98 kg	8 Tubular	\$645
<b>Ithaca 87 (26" Barrel)</b>	20 Gauge (2 3/4", 3")	2.14 kg	8 Tubular	\$650
<b>Ithaca 87 (28" Barrel)</b>	20 Gauge (2 3/4", 3")	2.62 kg	8 Tubular	\$661
<b>Ithaca 87 (30" Barrel)</b>	20 Gauge (2 3/4", 3")	2.93 kg	8 Tubular	\$671

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Ithaca 87 (12GA 2 3/4", 25")</b>	PA	5/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	6	Nil	54
<b>Ithaca 87 (12GA 3", 25")</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	6	Nil	52
<b>Ithaca 87 (12GA 2 3/4", 26")</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	6	Nil	57
<b>Ithaca 87 (12GA 3", 26")</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	6	Nil	54
<b>Ithaca 87 (12GA 2 3/4", 28")</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
<b>Ithaca 87 (12GA 3", 28")</b>	PA	6/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	58
<b>Ithaca 87 (12GA 2 3/4", 30")</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	67
<b>Ithaca 87 (12GA 3", 30")</b>	PA	6/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	63
<b>Ithaca 87 (20GA 2 3/4", 25")</b>	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	6	Nil	46
<b>Ithaca 87 (20GA 3", 25")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	6	Nil	44
<b>Ithaca 87 (20GA 2 3/4", 26")</b>	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	6	Nil	48
<b>Ithaca 87 (20GA 3", 26")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	6	Nil	45
<b>Ithaca 87 (20GA 2 3/4", 28")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	52
<b>Ithaca 87 (20GA 3", 28")</b>	PA	5/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	49
<b>Ithaca 87 (20GA 2 3/4", 30")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	56
<b>Ithaca 87 (20GA 3", 30")</b>	PA	5/1d6x204 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	53

### Ithaca 87 Military/Police Model

Notes: As the name "Military/Police Model" suggests, this is a version of the Deerslayer designed for use by military and police forces. It was quite common in North American police forces, and somewhat less common in US and Latin American military forces. The military normally used the 18.5" barrel version, while police preferred the 20" barrel. They were also sold to civilians.

Weapon	Ammunition	Weight	Magazines	Price
<b>Ithaca 87 Military/Police (18 1/2" Barrel)</b>	12 Gauge 2 3/4"	2.95 kg	5 Tubular	\$800
<b>Ithaca 87 Military/Police (20" Barrel)</b>	12 Gauge 2 3/4"	3.06 kg	8 Tubular	\$808

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Ithaca 87 Military/Police (18.5")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	39
<b>Ithaca 87 Military/Police (20")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	5	Nil	43

### Iver Johnson Champion

Iver Johnson weapons have a certain amount of respect in general due to their quality and accuracy. The Champion is perhaps the most basic of their weapons, and is a single-barrel gun with long barrels with a full choke. The action features a boxlock with side plates and breaks open with a top lever. The barrel and the lug are forged in one piece. The stock of the Champion is American black walnut with a semi-pistol grip, and the receiver is color-case hardened (nickel plating is available). The fore-end is short and tapering. Metalwork is blued. The action is hammerless, with automatic ejectors an option. The Champion was built 1909 to 1978, but .410, 24, and 28 gauges were not available until 1913 and the 24 gauge was dropped in 1928. In 1941, all gauges except for 12 gauge were dropped.

The Matted Rib is the same for game purposes, but uses a matted sight rib and checkering on the semi-pistol grip and the fore-

end. The Special Trap is the same except for its long 32-inch barrel and the same checkering as on the Matted Rib. Both were discontinued in the early 1940s.

Weapon	Ammunition	Weight	Magazines	Price
<b>Champion (26" Barrel)</b>	12 Gauge 2.75"	3.06 kg	1 Internal	*

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>KSG (2.75")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	4	4	Nil	39
<b>KSG (3")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	4	4	Nil	45
<b>KSG (Aguila 1.75")</b>	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	4	4	Nil	27

### **Kel-Tec KSG**

Notes: Announced at the 2010 SHOT Show, the KSG was not on sale until mid-2011. The KSG bears a great resemblance to the Neosted; I do not know if this is merely a passing resemblance or not. The first thing you will notice is the magazine – or rather the magazines, which are tubular and dual, mounted under the barrel. Kel-Tec says that the size and shape of the KSG are meant to more resemble their RFB rifle. The pump slide is necessarily wide to clear the magazines. Feed magazine is selected by a lever located behind the trigger guard; if the center position is chosen on this lever, the action clears without another round being fed into the chamber. Much polymer is used in its construction, including the top cover of the stock, the buttplate, the pistol grip, and the pump slide. Some light alloys are also used. Atop the barrel and receiver is a MIL-STD-1913 rail, with removable iron sights. There are two forms of safety, a crossbolt safety that locks the bolt, and another safety in front of the trigger guard that locks the pump slide. Barrel length is the standard military/police/home defense length – 18.5 inches. The KSG is noted for its compact dimensions, but mixing of shell types in a magazine is not recommended – it will likely lead to a hard jam.

Mesa Tactical makes a modified version of the KSG; it's (upcoming) claim is that it is featured in the upcoming remake of *RoboCop*. Mesa Tactical's versions have MIL-STD-1913 rails on the upper side, extending from the back of the receiver to the barrel; the shotgun comes with folding rifle-type BUIS which can be removed. Under the slide is another rail, mostly for accessories or a forward handle. The pump slide also has a short MIL-STD-1913 rail. The sides of the handguard may also have rails attached (though this is not included in the build below). The Mesa Tactical versions have attached to the receiver sidesaddle shell holders, six on either side (four, eight, and 12-round sidesaddles are also available); these are meant for special ammunition, but can also be used for standard shotshells. In conjunction, the magazines have a cutoff to stop the feed from the magazines and allow single shells to be fed in. The stock is designed by MagPul, and is similar to their AR-15 fixed-stock designs. A recoil pad has been added to the butt.

Weapon	Ammunition	Weight	Magazines	Price
<b>KSG</b>	12 Gauge 2.75" or 3" or Aguila Mini-Shell	3.13 kg	7 Tubular (x2) (2.75"); 6 Tubular (x2) (3"); 12 Tubular (Aguila)	\$859
<b>Mesa Tactical KSG</b>	12 Gauge 2.75" or 3" or Aguila Mini-Shell	3.77 kg	7 Tubular (x2) (2.75"); 6 Tubular (x2) (3"); 12 Tubular (Aguila)	\$960

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>KSG (2.75")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	4	4	Nil	39
<b>KSG (3")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	4	4	Nil	45
<b>KSG (Aguila 1.75")</b>	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	4	4	Nil	27
<b>Mesa Tactical KSG (2.75")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	4	3	Nil	39
<b>Mesa Tactical KSG (3")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	4	3	Nil	45
<b>Mesa Tactical KSG (1.75")</b>	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	4	3	Nil	27

**M2 Corporation Mossberg Tactical Shotgun**

Notes: This is a Mossberg M590 redone by the M2 Corporation to make it better for tactical situations. The modifications include: a flat non-reflective finish; ghost ring rear sight and H&K-style front sight; muzzle and barrel reinforcement so that the shotgun can double as a battering ram (the tubular magazine is likewise reinforced, extended, and even with the muzzle); replacement of the pistol grip with one that is more ergonomic; a lighter trigger, and a "Sidesaddle" ammunition carrier holding 6 rounds.

Twilight 2000 Notes: This weapon does not exist.

Weapon	Ammunition	Weight	Magazines	Price
M2 Corp Mossberg Tactical	12 Gauge 2.75" & 3"	3.18 kg	7 Tubular	\$873

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M2 Corp Mossberg Tactical (2.75")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	41
M2 Corp Mossberg Tactical (3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	5	Nil	38

**M1917 Trench Gun**

Notes: This World War 1 weapon was designed for close-in trench fighting – hence the name. It is basically a Winchester 97 pump-action shotgun with a bayonet lug attached and a perforated heat shield above the barrel to facilitate bayonet fighting. They are not seen much today, but other weapons of this type have been made in other parts of the world. The most common place the Trench Gun is seen today is in the hands of World War 1 and 2 re-enactors.

Weapon	Ammunition	Weight	Magazines	Price
M1917 Trench Gun	12 Gauge 2 3/4"	4 kg	5 Tubular	\$810

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M1917 Trench Gun	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or 1-Nil	6	4	Nil	43

**Markel Custom Mossberg 500**

Notes: As far as I know, this weapon is a "one-off" – a custom conversion done for firearms expert Paul Markel by Fit 4 Duty. It is an interesting gun, however, so I have included it here. Markel's conversion centers around the use of Aguila's Mini-Shells, 1.75"-long 12 Gauge shotgun shells. The shotgun has Tritium Big Dot/Ghost Ring XS sights, which are high-visibility and useful for throwing shot or slugs. The shotgun is finished in Fit 4 Duty's OD Green anticorrosive coating. The standard stock is replaced with an Advanced Technology synthetic stock with a full pistol grip. A Wilderness Tactical Products Single Point Sling keeps the gun in the ready position in the center of the body, yet allows the weapon to be instantly brought to bear. The resulting weapon is much more functional, and able to use almost any non-magnum round out there.

Weapon	Ammunition	Weight	Magazines	Price
Custom Mossberg 500	12 Gauge Aguila Mini-Shells, 2.5", 2.75"	2.92 kg	11 (1.75"), 8 (2.5"), 7 (2.75"); Tubular	\$892

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Custom Mossberg 500 (1.75")	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	56
Custom Mossberg 500 (2.5")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	45
Custom Mossberg 500 (2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	51

**Master Key Shotgun System**

Notes: This is a modified Remington 870 shotgun (stock cut off and barrel cut down) which attaches under the barrel of the M-16 series, CAR-15, or M-4 Carbine series. The rifle magazine is used as the shotgun grip, in the same manner as the M-203. The following information is for the shotgun part of the weapon only; the M-16, CAR-15, or M-4 works in the normal manner.

Weapon	Ammunition	Weight	Magazines	Price
Master Key Shotgun System	12 Gauge 3"	2.5 kg	4 Tubular	\$809

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Master Key Shotgun System	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	Base Weapon +1	4	Nil	20

**Mitchell Escalade**

Notes: This is a simple pump-action shotgun. The MS-9111 has a sight rib and bead sights, and the MS-9112 has rifle-style sights to allow accurate firing of slugs or shot. The stocks and the slide are made of simple Turkish walnut, and most of the metal is blued steel, except for some chromed parts in the bolt and barrel. The receiver has a claw mount for optical sights.

The MS-9113 and MS-9114 are designed for hunting (particularly turkey hunting), and are not generally found with rifle-style sights (though it is an available option). The MS-9113 has a 28" barrel and an interchangeable screw-in choke system with 5 chokes; the

MS-9114 has a 22" barrel with a fixed choke optimized for turkey hunting.

Twilight 2000 Notes: This weapon does not exist.

Weapon	Ammunition	Weight	Magazines	Price
MS-9111/9112	12 Gauge 2.75" & 3"	2.18 kg	7 Tubular	\$857
MS-9113	12 Gauge 3"	2.95 kg	7 Tubular	\$910
MS-9114	12 Gauge 3"	2.85 kg	7 Tubular	\$880

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
MS-9111/9112 (2.75")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	6	Nil	39
MS-9111/9112 (3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	6	Nil	37
MS-9113	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	58
MS-9114	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	45

### Mossberg M500

Notes: An American-made pump shotgun, it is available with folding stocks, Magna-Porting to reduce muzzle climb, pistol grips, sight mounts, and stockless versions, as desired. It is probably the shotgun with the widest amount of options available without having to make a special order. It is also known as the M500 Field. The M500 Super is identical to the M500 for game purposes, but has a checkered semi-pistol grip and slide. The M500 Crown Grade is a deluxe version, with hand checkering and fancy wood. The Crown Grade Camo is the same, but with a synthetic stock in a camouflage pattern.

Weapon	Ammunition	Weight	Magazines	Price
M500 (18.5" Barrel)	12 Gauge (2 3/4", 3")	2.95 kg	6 Tubular	\$811
M500 (24" Barrel)	12 Gauge (2 3/4", 3")	3.23 kg	6 Tubular	\$839
M500 (25" Barrel)	12 Gauge (2 3/4", 3")	3.28 kg	6 Tubular	\$844
M500 (26" Barrel)	12 Gauge (2 3/4", 3")	3.33 kg	6 Tubular	\$849
M500 (28" Barrel)	12 Gauge (2 3/4", 3")	3.43 kg	6 Tubular	\$859
M500 (30" Barrel)	12 Gauge (2 3/4", 3")	3.54 kg	6 Tubular	\$869
M500 (38" Barrel)	12 Gauge (2 3/4", 3")	3.94 kg	6 Tubular	\$910
M500 (18.5" Barrel)	20 Gauge (2 3/4", 3")	2.62 kg	6 Tubular	\$613
M500 (24" Barrel)	20 Gauge (2 3/4", 3")	2.87 kg	6 Tubular	\$641
M500 (25" Barrel)	20 Gauge (2 3/4", 3")	2.91 kg	6 Tubular	\$646
M500 (26" Barrel)	20 Gauge (2 3/4", 3")	2.96 kg	6 Tubular	\$651
M500 (28" Barrel)	20 Gauge (2 3/4", 3")	3.04 kg	6 Tubular	\$661
M500 (30" Barrel)	20 Gauge (2 3/4", 3")	3.14 kg	6 Tubular	\$671
M500 (38" Barrel)	20 Gauge (2 3/4", 3")	3.5 kg	6 Tubular	\$712
M500 (18.5" Barrel)	.410 Gauge (2 1/2", 3")	2.1 kg	6 Tubular	\$321
M500 (24" Barrel)	.410 Gauge (2 1/2", 3")	2.29 kg	6 Tubular	\$349
M500 (25" Barrel)	.410 Gauge (2 1/2", 3")	2.33 kg	6 Tubular	\$354
M500 (26" Barrel)	.410 Gauge (2 1/2", 3")	2.37 kg	6 Tubular	\$359
M500 (28" Barrel)	.410 Gauge (2 1/2", 3")	2.44 kg	6 Tubular	\$369
M500 (30" Barrel)	.410 Gauge (2 1/2", 3")	2.52 kg	6 Tubular	\$380
M500 (38" Barrel)	.410 Gauge (2 1/2", 3")	2.8 kg	6 Tubular	\$420
M500 ATI Scorpion	12 Gauge 3"	3.06 kg	6 Tubular	\$1111

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M500 (12 Gauge 2 3/4", 18.5")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	39
M500 (12 Gauge 3", 18.5")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	5	Nil	37
M500 (12 Gauge 2 3/4", 24")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	52
M500 (12 Gauge 3", 24")	PA	5/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	49
M500 (12 Gauge 2 3/4", 25")	PA	5/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	54
M500 (12 Gauge 3", 25")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	52
M500 (12 Gauge 2 3/4", 26")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	57
M500 (12 Gauge 3", 26")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	5	Nil	54
M500 (12 Gauge 2 3/4", 28")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
M500 (12 Gauge 3", 28")	PA	6/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	58
M500 (12 Gauge 2 3/4", 30")	PA	6/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	67
M500 (12 Gauge 3", 30")	PA	6/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	63
M500 (12 Gauge 2 3/4", 38")	PA	6/1d6x40 or 2d6x12 or 3d6x4	2-4-Nil/Nil or 1-Nil or 1- Nil	9	6	Nil	88

<b>M500 (12 Gauge 3", 38")</b>	PA	6/1d6x40 or 2d6x12 or 3d6x4	2-3-Nil/Nil or 1-Nil or 1- Nil	9	6	Nil	83
<b>M500 (20 Gauge 2 3/4", 18.5")</b>	PA	4/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	6	5	Nil	33
<b>M500 (20 Gauge 3", 18.5")</b>	PA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	6	5	Nil	32
<b>M500 (20 Gauge 2 3/4", 24")</b>	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	44
<b>M500 (20 Gauge 3", 24")</b>	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	42
<b>M500 (20 Gauge 2 3/4", 25")</b>	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	46
<b>M500 (20 Gauge 3", 25")</b>	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	44
<b>M500 (20 Gauge 2 3/4", 26")</b>	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	48
<b>M500 (20 Gauge 3", 26")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	45
<b>M500 (20 Gauge 2 3/4", 28")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	52
<b>M500 (20 Gauge 3", 28")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	49
<b>M500 (20 Gauge 2 3/4", 30")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	56
<b>M500 (20 Gauge 3", 30")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	53
<b>M500 (20 Gauge 2 3/4", 38")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	9	5	Nil	74
<b>M500 (20 Gauge 3", 38")</b>	PA	5/1d6x28 or 2x6x8	2-3-Nil/Nil or Nil	9	5	Nil	70
<b>M500 (.410 Gauge 2 1/2", 18.5")</b>	PA	2/1d6x8	1-Nil/Nil	5	3	Nil	23
<b>M500 (.410 Gauge 3", 18.5")</b>	PA	2/1d6x8	1-Nil/Nil	5	3	Nil	21
<b>M500 (.410 Gauge 2 1/2", 24")</b>	PA	2/1d6x8	1-Nil/Nil	6	3	Nil	31
<b>M500 (.410 Gauge 3", 24")</b>	PA	3/1d6x8	1-Nil/Nil	6	3	Nil	28
<b>M500 (.410 Gauge 2 1/2", 25")</b>	PA	2/1d6x8	1-Nil/Nil	6	3	Nil	32
<b>M500 (.410 Gauge 3", 25")</b>	PA	3/1d6x8	1-Nil/Nil	6	3	Nil	29
<b>M500 (.410 Gauge 2 1/2", 26")</b>	PA	3/1d6x8	1-Nil/Nil	7	3	Nil	34
<b>M500 (.410 Gauge 3", 26")</b>	PA	3/1d6x8	1-Nil/Nil	7	3	Nil	30
<b>M500 (.410 Gauge 2 1/2", 28")</b>	PA	3/1d6x8	1-Nil/Nil	7	3	Nil	37
<b>M500 (.410 Gauge 3", 28")</b>	PA	3/1d6x8	1-Nil/Nil	7	3	Nil	33
<b>M500 (.410 Gauge 2 1/2", 30")</b>	PA	3/1d6x8	1-Nil/Nil	7	3	Nil	40
<b>M500 (.410 Gauge 3", 30")</b>	PA	3/1d6x12	1-Nil/Nil	7	3	Nil	36
<b>M500 (.410 Gauge 2 1/2", 38")</b>	PA	3/1d6x12	1-Nil/Nil	9	3	Nil	52
<b>M500 (.410 Gauge 3", 38")</b>	PA	3/1d6x12	1-2-Nil/Nil	9	3	Nil	47
<b>M500 ATI Scorpion</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5/6	4	Nil	37

### **Mossberg M500 Variants**

Notes: There are several versions of the M500, designed for specific markets. The M500 Camper is a stockless small-caliber version, with synthetic pistol grip and slide, made for personal defense. The M500 Security (also known as the Home Security) is a short-barreled riot gun with an extended magazine and a foregrip on the pump slide; the furniture is of black synthetic and the external metalwork is blued. The M500 Bullpup is a military weapon, made with matte black synthetic furniture and external metalwork, and with a ported barrel, bayonet lug, and recoil pad. The M500 Viking Slug Gun was introduced in 1996; it comes in rifled and non-rifled barrel versions (each with a 24-inch ported barrel), and uses synthetic furniture (usually in dark green) with metalwork which is normally finished in black phosphate. The 12-gauge Viking Slug Gun is drilled and tapped for a scope mount (the rings and a Tasco 1.5-4.5x scope is normally included when purchased from Mossberg, though I have not included the scope in the cost here), and also has backup iron sights. 1997's Model 500 USA is essentially a civilian version of the military Mossberg M500 variants; it has a 20-inch ported barrel, heavy-duty sling swivels, black synthetic furniture, and dark Parkerized external metalwork. In 1998, the M500 Trophy Slugster was also introduced, which has a 20-gauge ported rifled barrel, synthetic or walnut furniture, and metalwork finished in black or dull natural metal. In 2004, the Grand Slam Turkey Variant was introduced; this version comes in two gauges, uses a 20-inch barrel with a ventilated sighting rib atop the ported barrel, adjustable rear sights and a bead front sight (both with light-gathering fiberoptic inserts), and the synthetic stock and external metal finished in one of two camouflaged patterns (Mossy Oak Break-Up or Real-Tree Hardwood). The Grand Slam Turkey is equipped with Extra Full Choke unless otherwise requested by the buyer. The Viking Slug Gun, Trophy Slugster, and Grand Slam Turkey all have thick rubber recoil pads on the butt. Viking Slug Guns with rifled barrels and the Trophy Slugster are not recommended for use with shot (especially steel shot), as firing shot through the rifled barrels can easily ruin the rifling. The Bantam is their youth model, with a length pull 25mm shorter and the slide repositioned to help shorter arms; .410 gauge only. It is otherwise similar to the Camper, except that it cannot use magnum ammunition.

The M500 Mariner is the same as the Security, but has a special Teflon and metal coating that is resistant to salt water, the stock is synthetic, and it has a Speedfeed stock that allows 2 reloads per phase for the 4 rounds in the Speedfeed holder. The ARTR Trap has a full 30-inch barrel with a full choke, to fulfill its sporting role. The Bullpup is, as the name indicates, a Bullpup version of the M500; It has full synthetic furniture and a full pistol grip at the firing position as well as on the slide. It has a grip safety on the front pistol grip. It has rifle-type sights and the external metalwork is deep blued. The Sporting is similar to the standard M500, and also has a plethora of



barrel options, including Accuchoke variable choke muzzles or fixed chokes; the furniture is wood, but may be finished in a camouflage pattern. For game purposes, it is identical to the Standard, but without 30" or 38" barrels, and blued with wood or camouflage stocks and slides. It can be had with rifle-type sights.

The Mossberg M500 ATI Scorpion is a thoroughly updated version of the M500. It's a modular shotgun, so the improvements can be added to standard M500s. Above the receiver is a length of Picatinny rail; two short lengths, just the sizes for tactical lights or lasers, are on either side of the muzzle end. The barrel is surrounded by an aluminum heat shield which is well-ventilated; the pump-lever is polymer and ergonomically-shaped and patterned. Sights include a folding BUIS and a blade front sight. The stock is an ATI A2 TactiLite recoil-absorbing stock with a thick recoil pad and further recoil-absorbing furniture, and the pistol grip is further recoil-dampening. The stock pulls out to six extended positions, and there is also a cheek riser. The tubular magazine can be replaced with a longer one, but it will then extend beyond the muzzle. There are several attachment points for a different variety of slings. The barrel is 18.5 inches.

Twilight 2000 Notes: The Viking Slug Gun and Model 500 USA are extremely rare variants in the Twilight 2000 timeline; the Trophy Slugster, The ATI Scorpion, and Grand Slam Turkey do not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
M500 Camper	.410 Gauge (2.5", 3")	1.81 kg	5 Tubular	\$291
M500 Security (18.5" Barrel)	12 Gauge (2.75", 3")	2.62 kg	6 Tubular	\$810
M500 Security (20" Barrel)	12 Gauge (2.75", 3")	2.73 kg	8 Tubular	\$818
M500 Security (18.5" Barrel)	20 Gauge (2.75", 3")	2.43 kg	6 Tubular	\$612
M500 Security (20" Barrel)	20 Gauge (2.75", 3")	2.54 kg	8 Tubular	\$620
M500 Security (18.5" Barrel)	.410 Gauge (2.5", 3")	2.18 kg	6 Tubular	\$341
M500 Security (20" Barrel)	.410 Gauge (2.5", 3")	2.27 kg	8 Tubular	\$349
M500 Bullpup (18.5" Barrel)	12 Gauge (2.75", 3")	3.85 kg	6 Tubular	\$791
M500 Bullpup (20" Barrel)	12 Gauge (2.75", 3")	3.99 kg	8 Tubular	\$799
M500 Viking Slug (Rifled Barrel)	12 Gauge (2.75", 3")	3.29 kg	6 Tubular	\$1049
M500 Viking Slug (Standard Barrel)	12 Gauge (2.75", 3")	3.29 kg	6 Tubular	\$998
M500 USA	12 Gauge (2.75", 3")	3.27 kg	6 Tubular	\$977
M500 Trophy Slugster	20 Gauge (2.75", 3")	3.29 kg	6 Tubular	\$801
M500 Grand Slam Turkey	12 Gauge (2.75", 3")	3.18 kg	6 Tubular	\$977
M500 Grand Slam Turkey	20 Gauge (2.75", 3")	3.06 kg	6 Tubular	\$762
M500 ARTR Trap	12 Gauge (2.75", 3")	3.62 kg	6 Tubular	\$967
M500 Bullpup (18.5" Barrel)	12 Gauge (2.75", 3")	4.31 kg	5 Tubular	\$849
M500 Bullpup (20" Barrel)	12 Gauge (2.75", 3")	4.41 kg	7 Tubular	\$858
M500 ATI Scorpion	12 Gauge 3"	3.06 kg	6 Tubular	\$1111

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M500 Camper (2.5")	PA	2/1d6x8	2-Nil/Nil	4	4	Nil	23
M500 Camper (3")	PA	2/1d6x8	1-Nil/Nil	4	4	Nil	33
M500 Security (2.75" 12Ga, 18.5")	PA	4/1d6x24 or 2d6x8	2-3-Nil/Nil or Nil	6	5	Nil	39
M500 Security (3" 12Ga, 18.5")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	5	Nil	44
M500 Security (2.75" 12Ga, 20")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	5	Nil	43
M500 Security (3" 12Ga, 20")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	5	Nil	49
M500 Security (2.75" 20Ga 18.5")	PA	4/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	6	5	Nil	33
M500 Security (3" 20Ga 18.5")	PA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	6	5	Nil	38
M500 Security (2.75" 20Ga 20")	PA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	6	5	Nil	36
M500 Security (3" 20Ga 20")	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	43
M500 Security (2.5" .410 18.5")	PA	2/1d6x8	2-Nil/Nil	6	3	Nil	23
M500 Security (3" .410 18.5")	PA	2/1d6x8	1-Nil/Nil	6	3	Nil	33
M500 Security (2.5" .410 20")	PA	2/1d6x8	1-Nil/Nil	6	3	Nil	24
M500 Security (3" .410 20")	PA	2/1d6x8	1-Nil/Nil	6	3	Nil	33
M500 Bullpup (2.75" 18.5")	PA	4/1d6x24 or 2d6x8	2-3-Nil/Nil or Nil	5	4	Nil	35
M500 Bullpup (3" 18.5")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5	4	Nil	34
M500 Bullpup (2.75" 20")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5	4	Nil	39
M500 Bullpup (3" 20")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5	4	Nil	44
M500 Viking Slug (Rifled, 2.75")	PA	6	2-4-Nil	7	4	Nil	82
M500 Viking Slug (Rifled, 3")	PA	6	2-4-Nil	7	4	Nil	98
M500 Viking Slug (Standard, 2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	52
M500 Viking Slug (Standard, 3")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	59
M500 USA (2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	3	Nil	43

<b>M500 USA (3")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	3	Nil	49
<b>M500 Trophy Slugster (2.75")</b>	PA	5	2-4-Nil	6	4	Nil	62
<b>M500 Trophy Slugster (3")</b>	PA	5	2-4-Nil	6	4	Nil	73
<b>M500 Grand Slam Turkey (12Ga, 2.75")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	3	Nil	43
<b>M500 Grand Slam Turkey (12Ga, 3")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	3	Nil	49
<b>M500 Grand Slam Turkey (20Ga, 2.75")</b>	PA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	6	3	Nil	36
<b>M500 Grand Slam Turkey (20Ga, 3")</b>	PA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	6	3	Nil	42
<b>M500 ARTR Trap (2.75")</b>	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	67
<b>M500 ARTR Trap (3")</b>	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	76
<b>M500 Bullpup (2.75", 18.5")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	4	Nil	36
<b>M500 Bullpup (3", 18.5")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5	4	Nil	40
<b>M500 Bullpup (2.75", 20")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5	4	Nil	39
<b>M500 Bullpup (3", 20")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5	4	Nil	44
<b>M500 ATI Scorpion</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	5/6	4	Nil	37

### **Mossberg M590**

Notes: The M590 was first designed as a military/police version of Mossberg's M500, and have been in US military service since the early 1990s. (Civilian versions appeared a short time later.) Though the M590 series is to be replaced by the HK/Benelli M-1014, M590s will probably soldier on for a long time to come.

As with the M500, the M590 is at its core a conventional pump-action shotgun. The M590 may be had with all-steel metalwork, wooden stocks, extended magazines, and a plethora of other accessories and modifications. Military versions typically have polymer stocks and pump slides, an aircraft-quality aluminum alloy receiver and magazine tube, a high-quality steel barrel and barrel extension, and aperture rear and blade front sights. Some military models also may have a bayonet lug, an adjustable ghost ring rear sight, and a perforated aluminum meat shield above the barrel. Most military models also have ambidextrous controls and an improved extractor. Military models are almost always chambered for 2.75-inch shells, while civilian and police models (and some military versions acquired for special applications) may have chambers which can take both 2.75-inch and 3" shells.

Variants of the M590 include the M590A1, which uses a heavier barrel (primarily for cooling and to increase strength), a safety selector with a different shape which allows the shooter to tell when his weapon is or is not on safe, even in total darkness, and an all-metal trigger guard. The M590A1 also comes in a short version with a 14-inch barrel (normal barrel lengths for the M590 are 18.5 and 20 inches) which is available only to military and law enforcement concerns. This 14-inch-barreled version can also be had in a stockless configuration, with just a pistol grip. An unusual variant of the M590A1 has the Knox Sidewinder magazine modification; this replaces the normal tubular magazine with 10-round drum magazine, with attendant changes in the feed mechanism and the fore-end. The M590A1 Bantam is another modification of the M590A1; designed primarily for teenagers and smaller-statured shooters, it is nearly 3 centimeters shorter, accomplished primarily by shortening the stock.

Another variant of the M590A1 is done by Vang Comp Systems; this version of the Model 590A1 with a 14-inch barrel includes a back-bored barrel, a lengthened forcing cone, a ported barrel, a modified tubular magazine that feeds more reliably, an enlarged safety, a shortened fore-end with a sidesaddle with a spare shell holder (6 shells), and a synthetic pump lever with an attached flashlight receptacle. The stock is a fixed synthetic Davis Speedfeed stock with a compartment for four more shells and includes a recoil pad. The finish is Mossberg's new Marinecote, which is highly resistant to corrosion and wear. The sights are replaced with an adjustable rear ghost ring-type and a front ramp with a luminous white dot. The barrel is designed to concentrate the shot; it doesn't have a specific choke *per se*, but is designed to put most of the pellets into a human torso at 25 meters.

Yet another limited edition version is the M590A1 Compact. It's not actually much shorter than a standard M590A1, but it's MIL-STD-1913 rails, extra shell carriers, and accessory sleeves (for a flashlight) allow the shooter to carry a lot of shotgun system in a reasonably small package. The M590A1 passes the US Army's stringent tests (though only testing has gone on so far). The sidesaddle shell holder carries six rounds, but the M590A1 Compact also has a Choate extended magazine allowing it to carry two additional rounds over the M590A1's normal complement. Another modification, the SpeedFeed stock, carries another four rounds. Other added components include a bayonet lug for the Army's standard bayonet. The receiver is made from 4140 aluminum instead of steel to help lighten the weight. The locking mechanism is strengthened to compensate for this, though the weight on the whole is still less than comparable shotguns. The 18.5-inch barrel has a heavy profile, in response to troop requests. The top of the receiver has a MIL-STD-1913 rail, along with a removable folding BUIS, and front sight also folds and is more rifle-like than the typical shotgun. The SpeedFeed stock and the slide are also polymer, lightening things further.

As of July 2018, the newest variant of the Model 590 is the Model 590 Shockwave. The Shockwave sort of straddles the line between a stockless weapon and a pistol; it has a short pistol-grip-like bird-head knob-headed "stock" at the rear, and can be fired one-handed (though two hands are definitely recommended, and these are in the stats below. It is long enough to keep it from being a short-length shotgun, and actually meets the minimum length for a normal shotgun, though it is quite compact. The grip is known as a Raptor grip, and actually helps mitigate felt recoil. Mossberg sells it as an excellent home defense shotgun and for defense from vehicles. The Shockwave has a short 14-inch barrel, and the pump slide has a retaining strap for the hand doing the pumping. The safety switch is moved to the tang, just ahead of the grip. The tubular magazine can hold both 3-inch Magnum and standard 2.75-inch shells, with a surprisingly high magazine capacity. The Shockwave has dual extractors, positive steel-to-steel lockup, twin action bars,

and an anti-jam elevator. The Shockwave comes in 12 Gauge, 20 Gauge, and .410 Gauge versions, as well as a 12 Gauge magazine-fed Shockwave. Oddly enough, the Shockwave is becoming a popular weapon in Zombie Apocalypse films and TV shows.

Twilight 2000 Notes: The M590 and M590A1 are the primary combat shotguns for the US military in the Twilight 2000 timeline, and they are quite common amongst US and Canadian citizens as well. However, the Knoxx modification for the M590A1 does not exist in the Twilight 2000 timeline, nor does the Vang Comp modification or the Shockwave.

Weapon	Ammunition	Weight	Magazines	Price
M590 (18.5" Barrel)	12 Gauge 2.75"	2.9 kg	6 Tubular	\$883
M590 (20" Barrel)	12 Gauge 2.75"	2.97 kg	8 Tubular	\$892
M590 (18.5" Barrel)	12 Gauge 2.75" and 3"	3.02 kg	6 Tubular	\$945
M590 (20" Barrel)	12 Gauge 2.75" and 3"	3.09 kg	8 Tubular	\$954
M590A1 (14" Barrel)	12 Gauge 2.75"	2.79 kg	5 Tubular	\$860
M590A1 (14" Barrel, Stockless)	12 Gauge 2.75"	2.53 kg	5 Tubular	\$830
M590A1 (18.5" Barrel)	12 Gauge 2.75"	2.91 kg	6 Tubular	\$883
M590A1 (20" Barrel)	12 Gauge 2.75"	2.98 kg	8 Tubular	\$892
M590A1 (18.5" Barrel)	12 Gauge 2.75" and 3"	3.04 kg	6 Tubular	\$945
M590A1 (20" Barrel)	12 Gauge 2.75" and 3"	3.11 kg	8 Tubular	\$954
M590A1 (14" Barrel, Knoxx Mod)	12 Gauge 2.75"	2.82 kg	10 Drum	\$878
M590A1 (18.5" Barrel, Knoxx Mod)	12 Gauge 2.75"	2.94 kg	10 Drum	\$899
M590A1 (20" Barrel, Knoxx Mod)	12 Gauge 2.75"	3.01 kg	10 Drum	\$909
M590A1 (Vamp Comp Mod)	12 Gauge 2.75" and 3"	3.86 kg	5 Tubular	\$944
M590A1 Compact	12 Gauge 2.75" and 3"	3.29 kg	7 Tubular or 6 Tubular	\$957
M590 Shockwave (12 Gauge)	12 Gauge 2.75" and 3"	5.3 kg	6 Tubular	\$918
M590 Shockwave (20 Gauge)	20 Gauge 2.75" and 3"	4.95 kg	6 Tubular	\$703
M590 Shockwave (.410 Gauge)	.410 Gauge 2.75" and 3"	4.24 kg	6 Tubular	\$407
M590 Shockwave (Magazine-Fed)	12 Gauge 2.75" and 3"	6.55 kg	11	\$914

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
M590 (18.5", 2.75")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	39
M590 (18.5", 3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	45
M590 (20", 2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	43
M590 (20", 3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	49
M590A1 (14")	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	4	Nil	27
M590A1 (14", Stockless)	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	4	5	Nil	23
M590A1 (18.5", 2.75")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	39
M590A1 (18.5", 3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	45
M590A1 (20", 2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	43
M590A1 (20", 3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	49
M590A1 (14", Knoxx)	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	4	Nil	27
M590A1 (18.5", Knoxx)	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	39
M590A1 (20", Knoxx)	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	43
M590A1 (Vang Comp, 2.75")	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	3	Nil	27
M590A1 (Vang Comp, 3")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	3	Nil	30
M590A1 Compact (2.75")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	40
M590A1 Compact (3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	46
M590 Shockwave (12 GA 2.75")	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	4	3	Nil	27
M590 Shockwave (12 GA 3")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	4	3	Nil	30
M590 Shockwave (20 GA 2.75")	PA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	4	2	Nil	23
M590 Shockwave (20 GA 3")	PA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	4	3	Nil	25
M590 Shockwave (.410 GA 2.75")	PA	2/1d6x4	1-Nil/Nil	4	2	Nil	15
M590 Shockwave (.410 GA 3")	PA	2/1d6x4	1-Nil/Nil	4	2	Nil	17
M590 (Magazine, 12 GA 2.75")	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	4	3	Nil	27
M590 (Magazine, 12 GA 3")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	4	3	Nil	30

### Mossberg M835 Ulti-Mag

Notes: The M835 is a pump-action shotgun designed for 2.75-inch, 3-inch, or 3.5-inch shells. The stock has a thick recoil pad, and most of these weapons are ported to further reduce felt recoil. Finish of the metal is typically blued or Parkerized, though camouflage finishes of several types for the stock, fore-end, receiver cover, and barrel are available. The barrels are backbored; this means that they are slightly larger inside than the chamber. This slightly reduces recoil, makes the weapon slightly more accurate, keeps the shot pattern from spreading as fast, and reduces wear on the bore. (This feature is unfortunately not reproducible in game terms.) There

are several versions: The standard M835 comes in 26 and 28-inch-barrel versions, may have a walnut or synthetic stock, has a ventilated sighting rib, and bead sights on the rib. (Synthetic-stocked versions weigh the same, but cost \$10 more.) The choke is fixed, and is Modified. The Turkey model has a 24-inch barrel, a synthetic stock, a barrel with an Ulti-Full fixed choke, and adjustable front and rear sights with fiberoptic high-visibility inserts. There is a short ventilated sighting rib, but it fits between the rear and front sights. The Grand Slam Turkey model is similar, but has a 20-inch non-ported barrel, and a special fixed choke called by Mossberg "X-Factor." The sling, which is also present on the Turkey model, is padded in the Grand Slam Turkey model. The Flyaway Waterfowl version has a 28" barrel, a sighting rib with front and rear fiberoptic sights, a padded sling, and interchangeable chokes (Modified and Improved Cylinder). It is otherwise identical to the 28" standard version for game purposes.

Twilight 2000 Notes: These shotguns do not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
<b>M935 Ulti-Mag (26" Barrel)</b>	12 Gauge 2.75", 3", and 3.5"	3.51 kg	5 (2.75", 3"), 4 (3.5"); Tubular	\$1118
<b>M935 Ulti-Mag (28" Barrel)</b>	12 Gauge 2.75", 3", and 3.5"	3.54 kg	5 (2.75", 3"), 4 (3.5"); Tubular	\$1126
<b>M835 Ulti-Mag Turkey</b>	12 Gauge 2.75", 3", and 3.5"	3.4 kg	5 (2.75", 3"), 4 (3.5"); Tubular	\$1083
<b>M935 Ulti-Mag Grand Slam Turkey</b>	12 Gauge 2.75", 3", and 3.5"	3.33 kg	5 (2.75", 3"), 4 (3.5"); Tubular	\$1073

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>M935 Ulti-Mag (26", 2.75")</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	3	Nil	57
<b>M935 Ulti-Mag (26", 3")</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	3	Nil	65
<b>M935 Ulti-Mag (26", 3.5")</b>	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	71
<b>M935 Ulti-Mag (28", 2.75")</b>	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	3	Nil	62
<b>M935 Ulti-Mag (28", 3")</b>	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	70
<b>M935 Ulti-Mag (28", 3.5")</b>	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	77
<b>M935 Ulti-Mag Turkey (2.75")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	52
<b>M935 Ulti-Mag Turkey (3")</b>	PA	4/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	59
<b>M935 Ulti-Mag Turkey (3.5")</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	3	Nil	65
<b>M935 Ulti-Mag Grand Slam Turkey (2.75")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	43
<b>M935 Ulti-Mag Grand Slam Turkey (3")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	49
<b>M935 Ulti-Mag Grand Slam Turkey (3.5")</b>	PA	5/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	52

### **Mossberg M3000**

Notes: Mossberg bought this design from Smith & Wesson in 1986. They are identical to the Smith & Wesson design, but wear the Mossberg name and are manufactured in Mossberg's plant in Japan. The M3000 is designed for combat, with short barrels and a tough blued or Parkerized finish. It is a weapon in which jams are easily cleared. The M3000 is made from machined steel and has a chromed bolt. Three choices of stock are available: a side-folding plastic stock; the "Speedfeed" fixed stock, in which four extra rounds may be carried and also with a recoil pad on the butt; and a simple pistol grip with no stock (which Mossberg calls a "Cruiser" grip). Though Mossberg does not sell extended magazines with the M3000, but they are available from many sources (Mossberg recommends Choate extended magazines for the M3000).

A problem with many pump-action shotguns with tubular magazines is a jam which can occur is a round accidentally pops out of the magazine and partially into the chamber when the pump slide is cycled. The M3000 has a feature which prevents this jam from occurring. (Since the introduction of this feature, many other Mossberg shotguns also use it and it has been emulated by other manufacturers.)

Wilson Combat has been given permission by Mossberg to modify the M3000 and sell those modified versions. Wilson cuts off the barrel to 7.9 inches (and other barrel lengths are available at customer request), shortens the action bars and magazine tube, moves the barrel mount back, and adds a forward handgrip on the pump slide which can also be folded flush with the rest of the pump slide if desired. The resulting weapon, called the Executive Protection Shotgun, uses synthetic Pachmayr Vindicator furniture and has no buttstock. Despite the short barrel, the shot spread is not extreme due to the tight choke used on the barrel; however, muzzle blast and noise are extreme. Of course, the Executive Protection Shotgun requires either a lot of taxes and red tape to legally acquire, and is therefore used only by certain bodyguards and military and government concerns.

Twilight 2000 Notes: After 1995, new M3000s are not available in the US, but they are still manufactured in Japan.

Weapon	Ammunition	Weight	Magazines	Price
<b>M3000 (Folding Stock, 18" Barrel)</b>	12 Gauge 2.75" & 3"	3.06 kg	4 Tubular	\$884
<b>M3000 (Folding Stock, 20" Barrel)</b>	12 Gauge 2.75" & 3"	3.16 kg	4 Tubular	\$894
<b>M3000 (Speedfeed Stock, 18" Barrel)</b>	12 Gauge 2.75" & 3"	3.06 kg	4 Tubular	\$802
<b>M3000 (Speedfeed Stock, 20" Barrel)</b>	12 Gauge 2.75" & 3"	3.16 kg	4 Tubular	\$812
<b>M3000 (Pistol Grip, 18" Barrel)</b>	12 Gauge 2.75" & 3"	2.56 kg	4 Tubular	\$772
<b>M3000 (Pistol Grip, 20" Barrel)</b>	12 Gauge 2.75" & 3"	2.66 kg	4 Tubular	\$782

Wilson Executive Protection

12 Gauge 2.75" &amp; 3"

2.36 kg

3 Tubular

\$782

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>M3000 (Folding Stock, 18", 2.75")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5/6	5	Nil	38
<b>M3000 (Folding Stock, 18", 3")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5/6	5	Nil	43
<b>M3000 (Folding Stock, 20", 2.75")</b>	PA	4/1d6x28 2d6x8	2-3-Nil/Nil or Nil	5/7	5	Nil	43
<b>M3000 (Folding Stock, 20", 3")</b>	PA	4/1d6x28 2d6x8	2-3-Nil/Nil or Nil	5/7	5	Nil	49
<b>M3000 (Speedfeed Stock, 18", 2.75")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	38
<b>M3000 (Speedfeed Stock, 18", 3")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	43
<b>M3000 (Speedfeed Stock, 20", 2.75")</b>	PA	4/1d6x28 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	43
<b>M3000 (Speedfeed Stock, 20", 3")</b>	PA	4/1d6x28 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	49
<b>M3000 (Pistol Grip, 18", 2.75")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	7	Nil	38
<b>M3000 (Pistol Grip, 20", 3")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	7	Nil	43
<b>Wilson Executive Protection (2.75")</b>	PA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	3	6	Nil	13
<b>Wilson Executive Protection (3")</b>	PA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	3	6	Nil	14

## **New England Firearms Pardner Pump**

Notes: Produced by New England Firearms after they became a part of Harrington & Richardson, the Pardner Pump was designed to be an inexpensive (much less in real life than the game price here) but highly reliable shotgun which could fire standard-length or magnum ammunition. It seems to be a sort of amalgamation of the best features of other guns, from the Remington 870's receiver to the Winchester Model 12's grooved pump slide. The Pardner Pump is capable of firing most loads and types of shot and slugs. Pardner Pumps accept any Winchester or Mossberg interchangeable choke tube, but only one (Modified) is provided with the weapon when you buy it. The stock is of American walnut, and is of standard format. The trigger is a proven design with a cross-bolt safety that can be manipulated with a thumb and/or forefinger, allowing for quietly taking the gun off safety. The Pardner Pump is known for smooth operation. It has a ventilated sighting rib above the barrel, and a thick recoil pad on the butt. There are four variants of the Pardner Pump: the standard Pardner Pump; the Pardner Pump Synthetic with a synthetic stock and pump slide (which shoots identically to the standard Pardner Pump); the Pardner Pump Turkey, with a 22-inch barrel (as opposed to the standard 28-inch barrel), a synthetic stock with a Mossy Oak camouflage pattern, and Tru-Glo sights at the front and rear of the sighting rib; and the Pardner Pump Combo, which comes with a 28-inch shot barrel and a rifled 22-inch slug barrel for slugs and sabot throwing.

<b>Weapon</b>	<b>Ammunition</b>	<b>Weight</b>	<b>Magazines</b>	<b>Price</b>
<b>Pardner Pump</b>	12 Gauge 2.75" and 3"	3.4 kg	4 Tubular	\$980
<b>Pardner Pump Synthetic</b>	12 Gauge 2.75" and 3"	3.4 kg	4 Tubular	\$990
<b>Pardner Pump Turkey</b>	12 Gauge 2.75" and 3"	3.4 kg	4 Tubular	\$959
<b>Pardner Pump Combo (With Both Barrels)</b>	12 Gauge 2.75" and 3"	4.23 kg*	4 Tubular	\$1101

<b>Weapon</b>	<b>ROF</b>	<b>Damage</b>	<b>Pen</b>	<b>Bulk</b>	<b>SS</b>	<b>Burst</b>	<b>Range</b>
<b>Pardner Pump (2.75")</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62
<b>Pardner Pump (3")</b>	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70
<b>Pardner Pump Turkey (2.75")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	47
<b>Pardner Pump Turkey (3")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	54
<b>Pardner Pump Combo (Shot, 2.75")</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62
<b>Pardner Pump Combo (Shot, 3")</b>	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70
<b>Pardner Pump Combo (Rifled, 2.75")</b>	PA	6	2-4-Nil	7	5	Nil	72
<b>Pardner Pump Combo (Rifled, 3")</b>	PA	6	2-4-Nil	7	5	Nil	85

\*The weight of the basic Pardner Pump Combo, with either barrel, is 3.4 kilograms.

## **Patriot Arms Tactical**

Notes: This is a heavily-modified Remington 870P. Additions include a Speedfeed IV stock with a pistol grip (which also carries four extra rounds in the rear of the stock), a Sidesaddle shell carrier (capacity 6 rounds), an extended tubular magazine, MMC ghost ring rear and tritium front sights, an oversized safety catch, a Specter tactical sling, and a barrel shroud to help in cooling and protect the hands. The mechanism and other working parts are all hard-chromed for durability. The barrel is back-bored to increase the velocity of the individual shot pellets (something which, unfortunately, cannot be simulated in game terms). The Patriot Arms Tactical is finished in Lauer DuraCoat in matte green and black, which is extremely resistant to corrosion and enhances durability. The fore-end of the

shotgun has a sleeve for SureFire's Intensity Combat Lights (included in the cost), a high-intensity flashlight which can be controlled with the hands in the firing position.

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

Weapon	Ammunition	Weight	Magazines	Price
Patriot Arms Tactical	12 Gauge 2.75"	3.18 kg	6 Tubular	\$878

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Patriot Arms Tactical	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	38

**Remington 10**

Notes: Originally designed in the early 1900s by John D Pederson (inventor of the Pederson Device for the Springfield M-1903 rifle), this design was placed upon the market as the Model 1908 in 1907. In 1910, after a few modifications, the designation was changed to the Model 1910, and shortly thereafter, the Model 10. This shotgun introduced the streamlined receiver which has since become associated with virtually all Remington shotguns.

The initial Model 10s used barrels of 26, 28, or 30 inches; they were designed for sporting purposes, not as military or police weapons. Chokes were fixed, but the barrel could be ordered with cylindrical, Improved Cylinder, Modified, or Full chokes. The Model 10 uses a tubular magazine, with loading and spent case ejection through the same port under the receiver. The safety is in front of the trigger guard, easy to reach with the trigger finger. As with most weapons of the period, metalwork is steel, with furniture being of walnut.

Starting in 1908, Remington produced a version of the Model 10 called the Model 10 Riot Gun (at first known as the Model 1908 Riot Gun). This version was nearly identical to the standard Model 10, but used a longer tubular magazine and a shorter 20-inch barrel. This version was originally produced in response to requests from various police departments, but with the US entry into World War 1, Remington began producing a military version as well. The Model 10 Military was virtually identical to the Model 10 Riot Gun, but had a lug which allowed the mounting of many of the different kinds of bayonets used at the time by the US military. Remington also produced a version of the Model 10 Military specifically for the Russian Czar's Army which accepted the Mosin-Nagant rifle's bayonet, but the 1917 Russian Revolution cancelled this order, almost leaving Remington stuck with a large stock of Model 10s designed for Russian bayonets and with sights graduated in arshins (a very old Russian measurement of length). Fortunately, the US government purchased almost all of these shotguns, and then gave them to the White Russian forces the US was supporting during the Russian Revolution.

Model 10 Riot Guns and Military versions eventually ended up on both sides of the law in the US after World War 1. It was regarded as a better shotgun for military purposes than the Winchester 97s that the US military was issued at the time (it was a much more reliable shotgun which was also more easily field-stripped and tolerant to dirt), but politics intervened, and the Model 10 Military ended up being used by the US in World War 1 in far fewer numbers than the Winchester 97. Police forces did not have this bias, and used the Model 10 Riot Gun in much larger numbers. Hunters also loved the Model 10. Eventually, Remington replaced the Model 10 with the Model 29; today, most Model 10s are still quite functional, as they were so well constructed, but they are far more valuable as collectors' items.

Weapon	Ammunition	Weight	Magazines	Price
Remington 10 (26" Barrel)	12 Gauge 2.75"	3.27 kg	4 Tubular	\$838
Remington 10 (28" Barrel)	12 Gauge 2.75"	3.3 kg	4 Tubular	\$848
Remington 10 (30" Barrel)	12 Gauge 2.75"	3.33 kg	4 Tubular	\$858
Remington 10 Riot Gun	12 Gauge 2.75"	3.18 kg	5 Tubular	\$808
Remington 10 Military	12 Gauge 2.75"	3.25 kg	5 Tubular	\$815

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 10 (26")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	57
Remington 10 (28")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
Remington 10 (30")	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	67
Remington 10 Riot Gun/Military	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	43

**Remington 17R**

Notes: Introduced shortly after World War 1, the Remington 17R (R for Riot) is one of the few 20 gauge combat shotguns to achieve any sort of success. Ironically, it was not the full-sized gun that was popular with police; it was a cut-down model, known as the Model 17R Special Police, which had the greatest success. The Model 17RSP has no stock, a shorter 15-inch barrel, and a pistol grip. (There were innumerable variations of the Model 17RSP, with the pistol grip removed or shortened, the barrel cut down to scattergun lengths, handgrips on the slide, etc.) The Model 17RSP is the shotgun that was first known as a "whippit gun."

Weapon	Ammunition	Weight	Magazines	Price
Remington 17R	20 Gauge 2.75"	2.4 kg	4 Tubular	\$611
Remington 17RSP	20 Gauge 2.75"	2.01 kg	4 Tubular	\$560

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 17R	PA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	6	5	Nil	36
Remington 17RSP	PA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	4	6	Nil	25

**Remington 31**

Notes: The Remington 31 has its genesis in the World War 1 "Trench Brooms." The Model 31, however, was designed to be marketed to military, police, and concerns, with different barrel lengths and calibers; the "Riot Gun-type" versions of the Model 31 was actually added to the Model 31 line shortly after the Model 31 itself was introduced. The Model 31 was produced from 1930-49, at



which time it was replaced by the first Model 870 shotguns.

Standard civilian models had barrel lengths of 26, 28, or 30 inches, with steel metalwork and walnut furniture with a semi-pistol grip wrist. The civilian Model 31 was more or less similar to other such civilian shotguns of the time. The civilian versions came in several gauges, though when it was first introduced, the Model 31 was available only in 12 gauge; more gauges were quickly introduced a few months later by popular demand. The trigger action tended to be a bit heavy and was not adjustable except by a lot of tinkering by a skilled gunsmith, and the tubular magazine is a bit short in all versions. This small magazine capacity is acceptable in a civilian weapon, but not in a police or military weapon.

The Model 31 Riot Gun was basically similar to the civilian versions, but had a 20-inch barrel. It was available in all the same gauges as the civilian models. A Police/Military version was also made; it had an 18.5-inch barrel, was built heavier and more robustly, and available only in 12 Gauge. The military really liked the Model 31 despite its shortcomings, but the bayonet adapters the US Army and Marines had at the time fit only the Winchester Model 12, and the Remington 31 got few military orders, despite the fact that Remington was willing to modify the interface of US bayonet adapters to allow the Model 31 Police/Military to use US bayonets of the time. Another version of the Model 31, the Model 31RX, was a special "whipit" gun version with no stock, a 14.5-inch barrel, and available only in 20 gauge.

All Model 31 barrels had fixed chokes, but Remington would make the barrels with any choke the buyer desired. Due to their rugged construction, Model 31s should still be quite functional today despite their age, but are perhaps more valuable as collectors' items.

Weapon	Ammunition	Weight	Magazines	Price
Remington 31 Civilian (26" Barrel)	12 Gauge 2 3/4"	3.29 kg	4 Tubular	\$838
Remington 31 Civilian (28" Barrel)	12 Gauge 2 3/4"	3.32 kg	4 Tubular	\$848
Remington 31 Civilian (30" Barrel)	12 Gauge 2 3/4"	3.36 kg	4 Tubular	\$858
Remington 31 Civilian (26" Barrel)	16 Gauge 2 3/4"	3.21 kg	4 Tubular	\$718
Remington 31 Civilian (28" Barrel)	16 Gauge 2 3/4"	3.24 kg	4 Tubular	\$728
Remington 31 Civilian (30" Barrel)	16 Gauge 2 3/4"	3.28 kg	4 Tubular	\$738
Remington 31 Civilian (26" Barrel)	20 Gauge 2 3/4"	3.1 kg	4 Tubular	\$641
Remington 31 Civilian (28" Barrel)	20 Gauge 2 3/4"	3.16 kg	4 Tubular	\$651
Remington 31 Civilian (30" Barrel)	20 Gauge 2 3/4"	3.2 kg	4 Tubular	\$662
Remington 31 Riot Gun	12 Gauge 2 3/4"	3.18 kg	4 Tubular	\$807
Remington 31 Riot Gun	16 Gauge 2 3/4"	3.1 kg	4 Tubular	\$687
Remington 31 Riot Gun	20 Gauge 2 3/4"	2.99 kg	4 Tubular	\$611
Remington 31 Military/Police	12 Gauge 2 3/4"	3.1 kg	4 Tubular	\$800
Remington 31 RX	20 Gauge 2 3/4"	2.46 kg	4 Tubular	\$558

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 31 Civilian (12 GA, 26")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	57
Remington 31 Civilian (12 GA, 28")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
Remington 31 Civilian (12 GA, 30")	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	67
Remington 31 Civilian (16 GA, 26")	PA	4/2d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	52
Remington 31 Civilian (16 GA, 28")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	56
Remington 31 Civilian (16 GA, 30")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	61
Remington 31 Civilian (20 GA, 26")	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	48
Remington 31 Civilian (20 GA, 28")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	52
Remington 31 Civilian (20 GA, 30")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	56
Remington 31 Riot Gun (12 GA)	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	43
Remington 31 Riot Gun (16 GA)	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	39
Remington 31 Riot Gun (20 GA)	PA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	6	5	Nil	36
Remington 31 Military/Police	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	39
Remington 31 RX	PA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	4	4	Nil	22

### Remington 870 Express

Notes: This version of the Remington 870 was designed to be a no-frills, inexpensive (by real-world prices) version of the standard Remington 870P. It first appeared in 1987. Quality did not suffer in the bargain, however. There are a large number of the Express: the standard Express is built for 12 or 20 gauge 2.75-inch shells with two barrel lengths. It has a hardwood stock and fore-end. The Model 870 Express Turkey is designed for 12 gauge 2.75-inch shells and has a short barrel of only 21 inches. The metalwork is matte blued and the stock and fore-end are of hardwood. The Model 870 Express Youth is a 20 gauge model with a 21-inch barrel with interchangeable chokes for shot throwing and an interchangeable 20-inch rifled barrel. The Model 870 Express Deer Gun is a version with a 20-inch barrel.

In 1992, the Model 870 Express Fully Rifled Deer Gun was introduced; this is not really a shotgun (but is included here for completeness), but a rifle capable only of firing 12 gauge slugs (shooting shot through it would ruin the rifling). It has a short 20-inch

barrel. The Model 870 Express Combo is identical, but has interchangeable barrels for shot and rifled slugs. Also introduced in 1992 was the Model 870 Marine Magnum, designed for use on boats and ships. It has a very short 18-inch barrel, matte nickel plating for the metalwork, and a black high-impact plastic stock and fore-end. It is chambered for 3-inch shells. In 1995, the Model 870 Express HD (Home Defense) came out; this was an 18-inch-barreled version with a 3-inch chamber and a fixed Cylindrical choke. The stock and fore-end are of black plastic, and the magazine is shorter than most 870s. (The Home Defense was discontinued in 2000.) In 1996, the Model 870 Express Small Gauge appeared, designed for 20 and .410 gauges. The 20 gauge model has a choice of two barrel lengths and interchangeable chokes; the .410 gauge version has one barrel length (25 inches) and a fixed Modified choke. Production of the Express Small Gauge stopped in 1999. In 1997, a new version of the Express Combo was introduced; this version has the same smoothbore and rifled barrels, but also has 28-inch smoothbore barrel with a ventilated barrel rib.

In 1998, even more versions of the Model 870 Express were introduced. The Model 870 Express Turkey Camo has a plastic stock with a camouflage finish known as "Real Tree Advantage." It has a 21-inch barrel and has a set of interchangeable chokes. The 870 Express Youth Turkey Camo is basically the same, but is chambered for 20 gauge.

Also in 1998, the Express Super Magnum was introduced. This shotgun is designed for 12 gauge 3.5-inch shells, but can also fire shorter shells. It was made in five different versions: the standard Express Super Magnum, with a 28-inch barrel, interchangeable chokes, and a hardwood stock and fore-end; the Express Super Magnum Combo with a 26-inch shot barrel with interchangeable chokes and an interchangeable 20-inch rifled barrel (which is designed only for 2.75-inch or 3-inch shells); The Express Super Magnum Synthetic has a 26-inch barrel, interchangeable chokes, and a black plastic stock and fore-end; the Express Super Magnum Turkey Camo, with a 23-inch barrel, fixed Extra Full choke, plastic stock and fore-end, and completely camouflaged (including the metal); and the Express Super Magnum Turkey, identical to the Camo but with a black plastic stock.

In 2002, a 16 gauge version of the Model 870 Express was introduced, the first Remington shotgun to be chambered in 16 gauge since 1980. It has a hardwood stock and fore-end, and a 28-inch barrel with a ventilated sighting rib. The 870 Express Synthetic is the same weapon with a plastic stock. The Express Synthetic Youth is the same weapon with a short 23-inch barrel.

Twilight 2000 Notes: The Model 870 Express versions, The Express Super Magnum versions, and the 16 gauge versions do not exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Remington 870 Express (26" Barrel)	12 Gauge 2.75"	3.3 kg	5 Tubular	\$908
Remington 870 Express (28" Barrel)	12 Gauge 2.75"	3.4 kg	5 Tubular	\$918
Remington 870 Express	16 Gauge 2.75"	3.3 kg	5 Tubular	\$798
Remington 870 Express (26" Barrel)	20 Gauge 2.75"	3.04 kg	5 Tubular	\$712
Remington 870 Express (28" Barrel)	20 Gauge 2.75"	3.13 kg	5 Tubular	\$722
Remington 870 Express Turkey	12 Gauge 2.75"	3.3 kg	5 Tubular	\$833
Remington 870 Express Youth (Shot Barrel)	20 Gauge 2.75"	3.03 kg	5 Tubular	\$686
Remington 870 Express Youth (Slug Barrel)	20 Gauge 2.75"	3.01 kg	5 Tubular	\$681
Remington 870 Express Deer Gun	12 Gauge 2.75"	3.19 kg	5 Tubular	\$878
Remington 870 Express Fully Rifled Deer Gun	12 Gauge 2.75"	3.19 kg	5 Tubular	\$878
Remington 870 Express Combo (26" Shot Barrel)	12 Gauge 2.75"	3.3 kg	5 Tubular	\$908
Remington 870 Express Combo (28" Shot Barrel)	12 Gauge 2.75"	3.4 kg	5 Tubular	\$918
Remington 870 Express Combo (Slug Barrel)	12 Gauge 2.75"	3.26 kg	5 Tubular	\$878
Remington 870 Marine Magnum	12 Gauge 3"	3.4 kg	5 Tubular	\$864
Remington 870 HD	12 Gauge 3"	3.3 kg	4 Tubular	\$864
Remington 870 Express Small Gauge (26" Barrel)	20 Gauge 2.75"	3.25 kg	5 Tubular	\$712
Remington 870 Express Small Gauge (28" Barrel)	20 Gauge 2.75"	3.29 kg	5 Tubular	\$722
Remington 870 Express Small Gauge	.410 Gauge 2.75"	2.83 kg	5 Tubular	\$437
Remington 870 Express Turkey Camo	12 Gauge 2.75"	3.3 kg	5 Tubular	\$893
Remington 870 Express Turkey Youth Camo	20 Gauge 2.75"	2.7 kg	5 Tubular	\$696
Remington 870 Express Synthetic	16 Gauge 2.75"	2.94 kg	5 Tubular	\$808
Remington 870 Express Youth Synthetic	16 Gauge 2.75"	2.8 kg	5 Tubular	\$783
Remington 870 Express Super Magnum	12 Gauge 2.75", 3", and 3.5"	3.64 kg	5 Tubular	\$1104
Remington 870 Express Super Magnum Combo (Shot Barrel)	12 Gauge 2.75", 3", and 3.5"	3.61 kg	5 Tubular	\$1094
Remington 870 Express Super Magnum Combo (Slug Barrel)	12 Gauge 2.75" and 3"	3.51 kg	5 Tubular	\$1063
Remington 870 Express Super Magnum Synthetic	12 Gauge 2.75", 3", and 3.5"	3.54 kg	5 Tubular	\$1104
Remington 870 Express Super Magnum Turkey Camo	12 Gauge 2.75", 3", and 3.5"	3.49 kg	5 Tubular	\$1088

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 870 Express (26", 12 GA)	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	57
Remington 870 Express (28", 12 GA)	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62
Remington 870 Express (16 GA)	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	8	4	Nil	56
Remington 870 Express (26", 20 GA)	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	48

<b>Remington 870 Express (28", 20 GA)</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	52
<b>Remington 870 Express Turkey</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	45
<b>Remington 870 Express Youth (Shot)</b>	PA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	6	4	Nil	38
<b>Remington 870 Express Youth (Slug)</b>	PA	5	2-4-Nil	6	5	Nil	62
<b>Remington 870 Express Deer Gun</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	43
<b>Remington Express Fully Rifled Deer Gun</b>	PA	6	2-4-Nil	6	5	Nil	62
<b>Remington Express 870 Combo (26" Shot)</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	57
<b>Remington Express 870 Combo (28" Shot)</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62
<b>Remington Express 870 Combo (Slug)</b>	PA	6	2-4-Nil	6	5	Nil	62
<b>Remington 870 Marine Magnum</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	36
<b>Remington 870 HD</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	36
<b>Remington 870 Express Small Gauge (26", 20 GA)</b>	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	48
<b>Remington 870 Express Small Gauge (28", 20 GA)</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	52
<b>Remington 870 Express Small Gauge (.410 GA)</b>	PA	3/1d6x8	1-Nil/Nil	6	3	Nil	31
<b>Remington 870 Express Turkey Camo</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	45
<b>Remington 870 Express Turkey Youth Camo</b>	PA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	6	4	Nil	38
<b>Remington 870 Express Synthetic</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	8	4	Nil	56
<b>Remington 870 Express Youth Synthetic</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	45
<b>Remington 870 Express Super Magnum (2.75")</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62
<b>Remington 870 Express Super Magnum (3")</b>	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70
<b>Remington 870 Express Super Magnum (3.5")</b>	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	77
<b>Remington 870 Express Super Magnum Combo (2.75", Shot)</b>	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or Nil	8	4	Nil	57
<b>Remington 870 Express Super Magnum Combo (3", Shot)</b>	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	65
<b>Remington 870 Express Super Magnum Combo (3.5", Shot)</b>	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	71
<b>Remington 870 Express Super Magnum Combo (2.75", Slug)</b>	PA	6	2-4-Nil	6	5	Nil	62
<b>Remington 870 Express Super Magnum Combo (3", Slug)</b>	PA	6	2-4-Nil	6	5	Nil	73
<b>Remington 870 Express Super Magnum Synthetic (2.75", Shot)</b>	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or Nil	8	4	Nil	57
<b>Remington 870 Express Super Magnum Synthetic (3", Shot)</b>	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	4	Nil	65
<b>Remington 870 Express Super Magnum Synthetic (3.5", Shot)</b>	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	71
<b>Remington 870 Express Super Magnum Turkey Camo (2.75", Shot)</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	50
<b>Remington 870 Express Super Magnum Turkey Camo (3", Shot)</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	57
<b>Remington 870 Express Super Magnum Turkey Camo (3.5", Shot)</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	63

### **Remington 870 Mark 1**

Notes: This was originally a USMC development of the Remington 870P that was designed in the mid-1960s, and saw long service with that organization until officially replaced by the Mossberg M590 in the early 1990s. However, large numbers of these shotguns were still in service at the time of the Twilight War, both with all branches of the regular US Military and reserve forces (particularly with the Army National Guard). Mark 1 through Mark 6 versions were produced, but only the Mark 1, 3, and 6 versions were produced in any large numbers. The Mark 1 is the most common version, with an extended magazine, bayonet lug, and rifle-type sights; the Mark 3 is the same weapon with a bayonet lug. The Mark 6 is the Air Force security version, with a shorter barrel and

shorter tubular magazine; it is basically the civilian 870P 20-inch barrel version with the addition a bayonet lug, rifle-type sights, and more durable chrome in the barrel to better stand up to the firing of slugs.

Twilight 2000 Notes: There were probably just as many Remington 870s as Mossbergs in service during the Twilight War.

Weapon	Ammunition	Weight	Magazines	Price
Remington 870 Mark 1 or 3	12 Gauge 2 3/4"	3.6 kg	8 Tubular	\$814
Remington 870 Mark 6	12 Gauge 2 3/4"	3.55 kg	5 Tubular	\$808

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 870 Mark 1/3	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	45
Remington 870 Mark 6	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	43

### Remington 870P

Notes: Originally developed in the 1950s, the 870P has been a standard of police work since then, and is also in common military use worldwide (even in the US) The 870P can have a top-folding stock, extended tubular magazine, swing swivels, and bayonet lugs. It is a very popular weapon with civilians (there are a number of hunting and skeet versions) as well as with law enforcement personnel and the US Military; it is one of the oldest weapons in US military service, having been adopted in the early 1950s. Though there are a large amount of barrel lengths and calibers available, virtually all 870P's in police and military service are 12-Gauge models with either an 18.5" or 20" barrel, though a 14-inch-barreled entry gun is available to the military and police. The 28-inch barrel version is also in common use in the US in prisons, where it is known as a "Tower Gun" since its primary use in prison work is by guards in the lookout towers surrounding some prisons. This version is more akin to the other Military/Police models in construction, except of course for the long barrel. While the typical civilian Model 870P is an "off-the-shelf" item built on standard Remington assembly lines, Military/Police models are built by Remington's Law Enforcement Custom Shop.

Firearms expert JM Ramos, in an article for *Small Arms Review*, modified the Remington 870P into the Tactical Road Blocker. As the name suggests, this version is meant to provide a weapon to stop vehicles who don't want to stop as roadblocks. The base is a 20-inch-barrel version of the Remington 870P, and adds an adjustable/sliding stock, a padded buttplate, a Speedfeed brace of six shells on the right side of the stock, a MIL-STD-1913 rail atop the receiver, a pump slide with MIL-STD-1913 rail to the sides and below the slide, a pistol grip on the side, adjustable flip-up rifle-type sights, and a bipod. A carrying handle and an EOTech reflex sight is an option (the EOTech is included in the stats below). The barrel has a perforated cooling shroud and an extended magazine. Though the Tactical Road Blocker is designed for rifled slugs, buckshot can also be used.

C&S Metall-Werkes (who, despite their name, is a US company in Missouri), has modified the Model 870P into a short-barreled shotgun/pistol. C&S Metall-Werkes is a Class 2 manufacturer who can modify and tune weapons ranging from cheap revolvers to M-2HB machineguns to 37mm autocannons and more. Every so often, they let one of their modification designs out of the stable and sell them on the general market. If you buy this particular modification of the M-870P, it will require much taxes and fees and even more paperwork, as it is legally an AOW (Any Other Weapon) due to it's 12.5-inch barrel and having no stock, but being too long to be classed as a pistol. The Remington 870P AOW (for lack of something short and snappy to call it – it is not an official name) has a shortened magazine cylinder under the barrel. The 12.5-inch barrel does not accept Remington interchangeable chokes, but is equipped with a Trulock Tactical Choke, which is designed to maximize the effectiveness breaching rounds and buckshot, and its spiked end allows one to seat the shotgun completely against items like rebar and doorknobs, and acts to put a proper standoff distance for locks and hinges. It also acts as a muzzle brake. The grip is a Speedfeed-designed bird's head grip, and the front of the slide has a hand grab to help stabilize the weapon when firing. The sides of the barrel have MIL-STD-1913 rails about six inches long attached. Underneath the barrel, ahead of the slide's throw, is a six-inch rail, where the MagPul AFG is normally attached. These are attached to SureFire M-69 870 Forend. The AOW is bereft of any sort of sights, indicative of the short engagement ranges for which this weapon is designed.

Weapon	Ammunition	Weight	Magazines	Price
Remington 870P Military/Police (14" Barrel)	12 Gauge 2.75" and 3"	3.08 kg	5 Tubular	\$909
Remington 870P Military/Police (18.5" Barrel)	12 Gauge 2.75" and 3"	3.19 kg	7 Tubular	\$932
Remington 870P Military/Police (20" Barrel)	12 Gauge 2.75" and 3"	3.3 kg	8 Tubular	\$940
Remington 870P Military/Police (28" Barrel)	12 Gauge 2.75" and 3"	3.44 kg	8 Tubular	\$981
Remington 870P (18.5" Barrel)	12 Gauge 2.75" and 3"	3.12 kg	5 Tubular	\$928
Remington 870P (20" Barrel)	12 Gauge 2.75" and 3"	3.2 kg	5 Tubular	\$938
Remington 870P (21" Barrel)	12 Gauge 2.75" and 3"	3.25 kg	5 Tubular	\$943
Remington 870P (25" Barrel)	12 Gauge 2.75" and 3"	3.45 kg	5 Tubular	\$963
Remington 870P (26" Barrel)	12 Gauge 2.75" and 3"	3.5 kg	5 Tubular	\$973
Remington 870P (28" Barrel)	12 Gauge 2.75" and 3"	3.6 kg	5 Tubular	\$983
Remington 870P (30" Barrel)	12 Gauge 2.75" and 3"	3.71 kg	5 Tubular	\$996
Remington 870P (18.5" Barrel)	20 Gauge 2.75" and 3"	2.83 kg	5 Tubular	\$699
Remington 870P (20" Barrel)	20 Gauge (2.75" and 3")	2.92 kg	5 Tubular	\$708
Remington 870P (21" Barrel)	20 Gauge (2.75" and 3")	2.95 kg	5 Tubular	\$714
Remington 870P (25" Barrel)	20 Gauge (2.75" and 3")	3.03 kg	5 Tubular	\$737
Remington 870P (26" Barrel)	20 Gauge (2.75" and 3")	3.07 kg	5 Tubular	\$744

Remington 870P (28" Barrel)	20 Gauge (2.75" and 3")	3.16 kg	5 Tubular	\$756
Remington 870P (30" Barrel)	20 Gauge (2.75" and 3")	3.25 kg	5 Tubular	\$766
Remington 870P (18.5" Barrel)	28 Gauge (2.5" and 2.75")	2.57 kg	5 Tubular	\$469
Remington 870P (20" Barrel)	28 Gauge (2.5" and 2.75")	2.64 kg	5 Tubular	\$477
Remington 870P (21" Barrel)	28 Gauge (2.5" and 2.75")	2.68 kg	5 Tubular	\$481
Remington 870P (25" Barrel)	28 Gauge (2.5" and 2.75")	2.84 kg	5 Tubular	\$502
Remington 870P (26" Barrel)	28 Gauge (2.5" and 2.75")	2.88 kg	5 Tubular	\$507
Remington 870P (28" Barrel)	28 Gauge (2.5" and 2.75")	2.96 kg	5 Tubular	\$517
Remington 870P (30" Barrel)	28 Gauge (2.5" and 2.75")	3.05 kg	5 Tubular	\$527
Remington 870P (18.5" Barrel)	.410 Gauge (2.75" and 3")	2.31 kg	5 Tubular	\$311
Remington 870P (20" Barrel)	.410 Gauge (2.75" and 3")	2.37 kg	5 Tubular	\$319
Remington 870P (21" Barrel)	.410 Gauge (2.75" and 3")	2.41 kg	5 Tubular	\$324
Remington 870P (25" Barrel)	.410 Gauge (2.75" and 3")	2.56 kg	5 Tubular	\$344
Remington 870P (26" Barrel)	.410 Gauge (2.75" and 3")	2.6 kg	5 Tubular	\$349
Remington 870P (28" Barrel)	.410 Gauge (2.75" and 3")	2.67 kg	5 Tubular	\$359
Remington 870P (30" Barrel)	.410 Gauge (2.75" and 3")	2.75 kg	5 Tubular	\$370
Tactical Road Blocker	12 Gauge 2.75" and 3"	4 kg	7 Tubular	\$1270
C&S Remington 870 AOW	12 Gauge 2.75" and 3"	2.52 kg	4 Tubular	\$853

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 870P Military/Police (14", 2 3/4")	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	4	Nil	27
Remington 870P Military/Police (14", 3")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	4	Nil	30
Remington 870P Military/Police (18.5", 2 3/4")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	39
Remington 870P Military/Police (18.5", 3")	PA	4/1d6x24 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	44
Remington 870P Military/Police (20", 2 3/4")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	43
Remington 870P Military/Police (20", 3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	49
Remington 870P Military/Police (28", 2 3/4")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
Remington 870P Military/Police (28", 3")	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	70
Remington 870P (12GA 18.5", 2 3/4")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	39
Remington 870P (12GA 18.5", 3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	5	Nil	44
Remington 870P (12GA 20", 2 3/4")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	43
Remington 870P (12GA 20", 3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	49
Remington 870P (12GA 21", 2 3/4")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	45
Remington 870P (12GA 21", 3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	52
Remington 870P (12GA 25", 2 3/4")	PA	5/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	54
Remington 870P (12GA 25", 3")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	62
Remington 870P (12GA 26", 2 3/4")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	57
Remington 870P (12GA 26", 3")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	68
Remington 870P (12GA 28", 2 3/4")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
Remington 870P (12GA 28", 3")	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	70
Remington 870P (12GA 30", 2 3/4")	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	67
Remington 870P (12GA 30", 3")	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	76
Remington 870P (20GA 18.5", 2 3/4")	PA	4/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	6	5	Nil	33
Remington 870P (20GA 18.5", 3")	PA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	6	5	Nil	40
Remington 870P (20GA 20", 2 3/4")	PA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	6	5	Nil	36
Remington 870P (20GA 20", 3")	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	42
Remington 870P (20GA 21", 2 3/4")	PA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	6	5	Nil	38
Remington 870P (20GA 21", 3")	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	43
Remington 870P (20GA 25", 2 3/4")	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	46
Remington 870P (20GA 25", 3")	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	53
Remington 870P (20GA 26", 2 3/4")	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	48
Remington 870P (20GA 26", 3")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	54
Remington 870P (20GA 28", 2 3/4")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	52
Remington 870P (20GA 28", 3")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	59
Remington 870P (20GA 30", 2 3/4")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	56
Remington 870P (20GA 30", 3")	PA	5/1d6x24 of 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	64
Remington 870P (28GA 18.5", 2 1/2")	PA	3/1d6x12 or 2d6x4	2-Nil/Nil or Nil	6	4	Nil	26
Remington 870P (28GA, 18.5", 2 3/4")	PA	3/1d6x12 or 2d6x4	2-Nil/Nil or 1-Nil	6	3	Nil	30
Remington 870P (28GA 20", 2 1/2")	PA	3/1d6x12 or 2d6x4	2-Nil/Nil or Nil	6	4	Nil	28

Remington 870P (28GA, 20", 2 3/4")	PA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	6	4	Nil	32
Remington 870P (28GA 21", 2 1/2")	PA	3/1d6x12 or 2d6x4	2-Nil/Nil or Nil	6	4	Nil	30
Remington 870P (28GA 21", 2 3/4")	PA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	6	4	Nil	34
Remington 870P (28GA 25", 2 1/2")	PA	3/1d6x12 or 2d6x4	2-Nil/Nil or 1-Nil	7	5	Nil	37
Remington 870P (28GA 25", 2 3/4")	PA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	7	5	Nil	41
Remington 870P (28GA 26", 2 1/2")	PA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	7	5	Nil	38
Remington 870P (28GA 26", 2 3/4")	PA	4/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	7	5	Nil	43
Remington 870P (28GA 28", 2 1/2")	PA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	7	5	Nil	42
Remington 870P (28GA 28", 2 3/4")	PA	4/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	7	5	Nil	47
Remington 870P (28GA 30", 2 1/2")	PA	4/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	8	4	Nil	45
Remington 870P (28GA 30", 2 3/4")	PA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	8	5	Nil	50
Remington 870P (.410GA 18.5", 2 3/4")	PA	2/1d6x8	1-Nil/Nil	5	3	Nil	23
Remington 870P (.410GA 18.5", 3")	PA	2/1d6x8	1-Nil/Nil	5	3	Nil	28
Remington 870P (.410GA 20", 2 3/4")	PA	2/1d6x8	1-Nil/Nil	6	3	Nil	25
Remington 870P (.410GA 20", 3")	PA	3/1d6x8	1-Nil/Nil	6	3	Nil	30
Remington 870P (.410GA 21", 2 3/4")	PA	2/1d6x8	1-Nil/Nil	6	3	Nil	27
Remington 870P (.410GA 21", 3")	PA	3/1d6x8	1-Nil/Nil	6	3	Nil	32
Remington 870P (.410GA 25", 2 3/4")	PA	2/1d6x8	1-Nil/Nil	6	3	Nil	32
Remington 870P (.410GA, 25", 3")	PA	3/1d6x8	1-Nil/Nil	6	3	Nil	38
Remington 870P (.410GA 26", 2 3/4")	PA	3/1d6x8	1-Nil/Nil	7	3	Nil	34
Remington 870P (.410GA 28", 3")	PA	3/1d6x12	1-Nil/Nil	7	3	Nil	41
Remington 870P (.410GA 28", 2 3/4")	PA	3/1d6x8	1-Nil/Nil	7	3	Nil	37
Remington 870P (.410GA, 28", 3")	PA	3/1d6x12	1-Nil/Nil	7	3	Nil	44
Remington 870P (.410GA 30", 2 3/4")	PA	3/1d6x8	1-Nil/Nil	7	3	Nil	40
Remington 870P (.410GA 30", 3")	PA	3/1d6x12	1-Nil/Nil	7	3	Nil	48
Tactical Road Blocker	PA	4/1d8x28 or 2d6x8	2-3-Nil/Nil or Nil	5/6	4	Nil	43
With Bipod	PA	4/1d8x28 or 2d6x8	2-3-Nil/Nil or Nil	5/6	2	Nil	56
C&S Remington 870 AOW (2.75")	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	4	5	Nil	19
C&S Remington 870 AOW (3")	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	4	5	Nil	21

### Remington MCS

Notes: Though the HK/Benelli M-1014 is intended to replace the Mossberg M-590 series as the standard US Military shotgun, many members of the military pointed out several glaring problems with a semiautomatic shotgun (like the M-1014) in certain circumstances: a tubular-feed semiautomatic shotgun typically cannot use mixed forms of ammunition in one tube, semiautomatic shotguns cannot be "hand-fed," so that certain special loads needed at the spur-of-the-moment may be used, certain loads (such as standard low-lethality and riot control rounds, as well as most shotgun flares) will not cycle in a semiautomatic shotgun, they cannot easily take modifications such as certain special stocks and extended magazine tubes (most have to be specially-made for semiautomatic shotguns and require the services of an armorer for fitting), and because most semiautomatic shotguns are gas-operated (as the M-1014 is), there is a limit as to how short the barrel can be made.

Therefore, Remington came up with a special version of the Model 870P, called the MCS (Modular Combat Shotgun, sometimes known as the Remington 870P MAX, though this is a misnomer since the actual Model 870P MAX is a type of police version of the Model 870P Military/Police with a Speedfeed IV stock and different sights). The MCS has a stock-changing system known as "Rem-Loc," which allows the MCS to take a standard wood stock, polymer stock, Speedfeed IV stock, a Pachmayr synthetic stock with a pistol grip, or a folding metal stock (which may also be removed entirely). (The three polymer stocks are identical for game purposes, though the Speedfeed IV stock has a buttplate which swings upward, revealing a compartment holding 4 more shells). In all cases, the mechanism is the same, but different barrel lengths are available, and the tubular magazines are also interchangeable between the versions (one could, for example, mount the 7-round magazine on the 10-inch-barrel Entry Model, though it might look a bit silly... the magazine capacities shown below are the standard magazines for the type of weapon shown). Stocks, the pump-slide, and pistol grips (if so equipped) are made from Kevlar/Fiberglass composites. The recoil pad of the MCS is thicker than that of the standard Model 870P called the Remington R3 pad, and the stock is shorter than that of the Model 870P, so that the shotgun can be easily shouldered even by troops wearing heavy body armor. The MCS is deliberately built heavy; this is partially to strengthen the weapon, but mostly to help tame recoil. The 10-inch-barrel folding-stock version also comes with a removable mounting device which allows it to be mounted beneath M-16/M-4-type assault rifles when the stock is removed. Barrel lengths are 10 inches (known as the Entry Model), 14 inches (the CQB Model), and 18 inches (the Standard Model). Standard Models have adjustable rifle-type sights and can be fitted with screw-in choke tubes (without a choke tube, the choke of the shotgun is Improved Cylinder); the CQB Model uses hooded bead sights and has the same choke and capability to take choke tubes as the Standard Model; the Entry Model has no sights (but has dovetail mounts for them), cannot take choke tubes, and has a standard choke of Cylindrical.

First known combat use of the MCS was in Iraq in 2004, but by that time, several thousand of them had already been bought by the US military.

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

Weapon	Ammunition	Weight	Magazines	Price
Entry Model (Wood Stock)	12 Gauge 2.75" or 3"	3.76 kg	4 Tubular	\$892
Entry Model (Synthetic Stock)	12 Gauge 2.75" or 3"	3.5 kg	4 Tubular	\$905
Entry Model (Folding Stock)	12 Gauge 2.75" or 3"	3.36 kg	4 Tubular	\$850
Entry Model (Stockless)	12 Gauge 2.75" or 3"	2.99 kg	4 Tubular	\$799
CQB Model (Wood Stock)	12 Gauge 2.75" or 3"	3.89 kg	6 Tubular	\$913
CQB Model (Synthetic Stock)	12 Gauge 2.75" or 3"	3.62 kg	6 Tubular	\$926
CQB Model (Folding Stock)	12 Gauge 2.75" or 3"	3.48 kg	6 Tubular	\$871
CQB Model (Stockless)	12 Gauge 2.75" or 3"	3.1 kg	6 Tubular	\$820
Standard Model (Wood Stock)	12 Gauge 2.75" or 3"	4.02 kg	7 Tubular	\$935
Standard Model (Synthetic Stock)	12 Gauge 2.75" or 3"	3.74 kg	7 Tubular	\$947
Standard Model (Folding Stock)	12 Gauge 2.75" or 3"	3.6 kg	7 Tubular	\$893
Standard Model (Stockless)	12 Gauge 2.75" or 3"	3.21 kg	7 Tubular	\$841

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Entry Model (Wood Stock, 2.75")	PA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	5	3	Nil	16
Entry Model (Wood Stock, 3")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	3	Nil	18
Entry Model (Synthetic Stock, 2.75")	PA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	5	4	Nil	16
Entry Model (Synthetic Stock, 3")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	4	Nil	18
Entry Model (Folding Stock, 2.75")	PA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	3/5	4	Nil	16
Entry Model (Folding Stock, 3")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	3/5	4	Nil	18
Entry Model (Stockless, 2.75")	PA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	3	5	Nil	14
Entry Model (Stockless, 3")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	3	6	Nil	15
CQB Model (Wood Stock, 2.75")	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	3	Nil	27
CQB Model (Wood Stock, 3")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	3	Nil	30
CQB Model (Synthetic Stock, 2.75")	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	4	Nil	27
CQB Model (Synthetic Stock, 3")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	4	Nil	30
CQB Model (Folding Stock, 2.75")	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	4/5	4	Nil	27
CQB Model (Folding Stock, 3")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	4/5	4	Nil	30
CQB Model (Stockless, 2.75")	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	4	5	Nil	23
CQB Model (Stockless, 3")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	4	6	Nil	25
Standard Model (Wood Stock, 2.75")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	3	Nil	38
Standard Model (Wood Stock, 3")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	43
Standard Model (Synthetic Stock, 2.75")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	38
Standard Model (Synthetic Stock, 3")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	43
Standard Model (Folding Stock, 2.75")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5/6	4	Nil	38
Standard Model (Folding Stock, 3")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5/6	4	Nil	43
Standard Model (Stockless, 2.75")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	4	5	Nil	32
Standard Model (Stockless, 3")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	4	6	Nil	36

### Remington 870 Special Field

Notes: This is a lightweight, fast-handling, low-cost field gun.

Weapon	Ammunition	Weight	Magazines	Price
Remington 870 Special Field	12 Gauge (3")	3.3 kg	3 Tubular	\$873
Remington 870 Special Field	20 Gauge (3")	2.8 kg	3 Tubular	\$658

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 870 Special Field (12GA)	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	43
Remington 870 Special Field (20GA)	PA	4/1d6x20 or 2d6x4	2-3-Nil/ or Nil or 1-Nil	7	5	Nil	36

### Remington 870 SPS

Notes: The Model 870 SPS (Special Purpose Shotgun) was introduced in 1984 specifically for the demands of fowl hunting. The original model had a 26 or 30-inch barrel with a 2.75-inch chamber and a fixed Full choke for its barrel. In 1985, the SPS was changed to a 3-inch chamber, and in 1986, it was again changed to have interchangeable chokes of Improved Cylinder, Modified, and Full. The SPS was further redesigned at this time to be able to use lead or steel shot to comply with US law for fowling. All these versions have a ventilated sighting rib above the barrel, and a rubber recoil pad on the butt. Also in 1986, a version of the Model 870 SPS, the SPS Deer Gun, was introduced; this weapon has a 20-inch smoothbore barrel and an adjustable rear sight. (The name of this weapon would later be changed to the Model 870 Brushmaster.) A weapon virtually identical to the Deer Gun was the Deer Gun Cantilever; this is the same weapon with a mount for a telescopic sight.

In 1992, the SPS was given an optional camouflage finish known as "Mossy Oak," which resembles the leaves of a forest in fall; this was called the SPS Camo, and had a plastic stock. In 1996, a Model 870 Jubilee SPS version was brought out for Remington's 180<sup>th</sup> anniversary, with a 26-inch barrel having a ventilated sighting rib and engraving on the receiver inlaid with gold. (This version is identical to the 26-inch barrel 3-inch chamber Model 870 SPS for game purposes.) To mark the Silver Jubilee of the National Wild Turkey Foundation in 1998, Remington brought out a new version of the SPS, with a 21-inch barrel with a ventilated sighting rib and Super Full choke. This version also has a plastic stock with a Mossy Oak camouflage pattern, and a leaf rear sight and front sight bead inset with TruGlo glass fiber beads.

In 1999, the SPS Super Slug appeared; this is essentially a rifle version of the SPS, designed solely for firing rifled slugs, and not suited for shot throwing. The Super Slug has a mount for telescopic sights, a black plastic stock and fore-end, and a 23-inch barrel. Metalwork is finished in matte black. 1999 also saw the introduction of the SPS Super Magnum, designed for firing 2.75-inch, 3-inch, and 3.5-inch shells, and with a 26 or 30-inch barrel with interchangeable chokes. The SPS-T Super Magnum is a version of this gun for turkey hunting; it has a 23-inch barrel with interchangeable chokes of Super Full and Extra Full, and a Mossy Oak finish for the entire gun. The SPS Super Magnum Camo is equipped only with a 26-inch barrel, a plastic stock, and a Mossy Oak finish for the entire gun. A version of the SPS Super Magnum Camo with a 28-inch barrel was brought out in 2001. Also in 2001, version of all these weapons with telescopic sight mounts were introduced. (They are identical to the regular Super Magnum models for game purposes.) Also, a version of the Super Magnum SPS-T, the SPS-T Super Magnum Camo CL/RD, was made; this comes with a Leupold-Gilmore Red Dot telescopic sight as standard and was made only in 2000. In 2000, the Super Magnum SPS RS/TG was introduced, with TruGlo sights, a 20-inch barrel with interchangeable chokes, and a black plastic stock. A Camo version of this gun was also made. A Youth version of this gun was also made, in 2001; this version is basically identical to the SPS RS/TG, but the stock is shorter and the weight is slightly less. In 2001, an SPS Super Magnum Camo version appeared, with a 28-inch barrel only and interchangeable chokes. The SPS Super Magnum Camo CL was made in the same year, it has a 23-inch barrel, plastic stock with a Mossy Oak pattern, and a 23-inch barrel with a mount for telescopic sights.

The latest version of the Model 870 (as of the time I write this in late September of 2009) is the Model 870 TAC Desert Recon. Though the TAC Desert Recon is designed for the needs of the military and police, it is also sold to civilians, and is a good defensive and hunting weapon. Of course, the "Desert Recon" part primarily denotes its sand tan-finished receiver and barrel and the digital camo finish to its synthetic stock and pump handle, it also denotes the special finish on the working parts that minimizes the need for added lubrication, something important in a desert environment. The TAC Desert Recon comes in 18-inch barrel and 20-inch barrel versions; both are tipped with a pepperpot-ported Tactical Extended Rem muzzle device that functions as a muzzle brake (for any sort of ammunition), a standoff device for blowing hinges and locks, and a device for blowing rebar and breaking glass. Interchangeable screw-in choke tubes may be used inside of this device. The version with the 18-inch barrel uses a SpeedFeed I stock that has a standard pistol grip wrist and holds four extra shells inside of it, using a spring-loaded tube that allows the shooter to quickly remove the extra rounds for reloading the shotgun. The 20-inch barrel version uses a SpeedFeed IV stock that has a different shape and a pistol grip, as well as holding an extra four rounds. Both have recoil pads. Both also are drilled and tapped for optics mounts, MIL-STD-1913 rails, or Weaver Rails, and have front bead sights just before the muzzle device.

Twilight 2000 Notes: Only the original Model 870 SPS, the 3-inch chamber version, the SPS Deer Gun, the Deer Gun Cantilever, and the SPS Camo exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
Remington 870 SPS (26" Barrel)	12 Gauge 2.75"	3.3 kg	5 Tubular	\$908
Remington 870 SPS (30" Barrel)	12 Gauge 2.75"	3.37 kg	5 Tubular	\$928
Remington 870 SPS (26" Barrel)	12 Gauge 3"	3.38 kg	5 Tubular	\$970
Remington 870 SPS (30" Barrel)	12 Gauge 3"	3.45 kg	5 Tubular	\$990
Remington 870 SPS Deer Gun	12 Gauge 3"	3.28 kg	5 Tubular	\$939
Remington SPS Camo (26" Barrel)	12 Gauge 3"	3.31 kg	5 Tubular	\$980
Remington SPS Camo (30" Barrel)	12 Gauge 3"	3.38 kg	5 Tubular	\$1000
Remington 870 SPS NWTF Silver Jubilee	12 Gauge 3"	3.23 kg	5 Tubular	\$954
Remington 870 SPS Super Slug	12 Gauge 3" (Slugs Only)	3.6 kg	5 Tubular	\$965
Remington 870 SPS Super Magnum (26" Barrel)	12 Gauge 2.75", 3", and 3.5"	3.54 kg	4 (2.75", 3"), 3 (3.5"); Tubular	\$1093
Remington 870 SPS Super Magnum (30" Barrel)	12 Gauge 2.75", 3", and 3.5"	3.61 kg	4 (2.75", 3"), 3 (3.5"); Tubular	\$1113
Remington 870 SPS Super Magnum Camo (26" Barrel)	12 Gauge 2.75", 3", and 3.5"	3.3 kg	4 (2.75", 3"), 3 (3.5"); Tubular	\$1103
Remington 870 SPS Super Magnum Camo (26" Barrel)	12 Gauge 2.75", 3", and 3.5"	3.37 kg	4 (2.75", 3"), 3 (3.5"); Tubular	\$1123
Remington 870 SPS-T Super Magnum	12 Gauge 2.75", 3", and 3.5"	3.26 kg	4 (2.75", 3"), 3 (3.5"); Tubular	\$1088
Remington 870 SPS-T Super Magnum Camo CL/RD	12 Gauge 2.75", 3", and 3.5"	3.36 kg	4 (2.75", 3"), 3 (3.5"); Tubular	\$1288
Remington 870 SPS Super Magnum RS/TG	12 Gauge 2.75", 3", and 3.5"	3.3 kg	4 (2.75", 3"), 3 (3.5"); Tubular	\$1072
Remington 870 SPS Super Magnum	12 Gauge 2.75", 3", and 3.5"	3.23 kg	4 (2.75", 3"), 3 (3.5"); Tubular	\$1072



RS/TG Youth							
Remington 870 SPS Super Magnum Camo CL	12 Gauge 2.75", 3", and 3.5"	3.4 kg	4 (2.75", 3"), 3 (3.5"); Tubular	\$1113			
Remington 870 TAC Desert Recon (18" Barrel)	12 Gauge 3"	3.4 kg	7 Tubular	\$993			
Remington 870 TAC Desert Recon (20" Barrel)	12 Gauge 3"	3.46 kg	8 Tubular	\$1003			

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Remington 870 SPS (26", 2.75")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	57
Remington 870 SPS (30", 2.75")	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	67
Remington 870 SPS (26", 3")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	65
Remington 870 SPS (30", 3")	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	76
Remington 870 SPS Deer Gun	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	49
Remington SPS Camo (26")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	65
Remington SPS Camo (30")	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	76
Remington 870 SPS NWTF Silver Jubilee	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	52
Remington 870 SPS Super Slug	PA	6	2-4-Nil	7	5	Nil	91
Remington 870 SPS Super Magnum (2.75", 26" Barrel)	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	4	Nil	57
Remington 870 SPS Super Magnum (3", 26" Barrel)	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	65
Remington 870 SPS Super Magnum (3.5", 26" Barrel)	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	71
Remington 870 SPS Super Magnum (2.75", 30" Barrel)	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	67
Remington 870 SPS Super Magnum (3", 30" Barrel)	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	76
Remington 870 SPS Super Magnum (3.5", 30" Barrel)	PA	5/1d6x36 or 2d6x8 or 3d6x4	2-4-Nil/Nil or 1-Nil or 1-Nil	8	5	Nil	83
Remington 870 SPS Super Magnum Camo (2.75", 26")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	4	Nil	57
Remington 870 SPS Super Magnum Camo (3", 26")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	65
Remington 870 SPS Super Magnum Camo (3.5", 26")	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	71
Remington 870 SPS Super Magnum Camo (2.75", 30")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	67
Remington 870 SPS Super Magnum Camo (3", 30")	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	76
Remington 870 SPS Super Magnum Camo (3.5", 30")	PA	5/1d6x36 or 2d6x8 or 3d6x4	2-4-Nil/Nil or 1-Nil or 1-Nil	8	5	Nil	83
Remington 870 SPS-T Super Magnum (2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	50
Remington 870 SPS-T Super Magnum (3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	57
Remington 870 SPS-T Super Magnum (3.5")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	63
Remington 870 SPS-T Super Magnum Camo CL/RD (2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	50
Remington 870 SPS-T Super Magnum Camo CL/RD (3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	57
Remington 870 SPS-T Super Magnum Camo CL/RD (3.5")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	7	4	Nil	63
Remington 870 SPS Super Magnum RS/TG (2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	43
Remington 870 SPS Super Magnum RS/TG (3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	49
Remington 870 SPS Super Magnum	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	52

<b>RS/TG (3.5")</b>								
<b>Remington 870 SPS Super Magnum RS/TG Youth (2.75")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	43	
<b>Remington 870 SPS Super Magnum RS/TG Youth (3")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	49	
<b>Remington 870 SPS Super Magnum RS/TG Youth (3.5")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	52	
<b>Remington 870 SPS Super Magnum Camo CL (2.75")</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62	
<b>Remington 870 SPS Super Magnum Camo CL (3")</b>	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70	
<b>Remington 870 SPS Super Magnum Camo CL (3.5")</b>	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	77	
<b>Remington 870 TAC Desert Recon (18")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	3	Nil	43	
<b>Remington 870 TAC Desert Recon (20")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	3	Nil	49	

### Remington 870 Trap

Notes: This is a trap shooting version of the 870, with white sights, recoil pad, a sighting rib, and heavier construction. It is also available in a left-handed version. The first version of this shotgun, the TC Trap, came out in 1950, and was built until 1994. The TC Trap had a fixed choke until 1986, when interchangeable chokes were made for the TC Trap. However, the TC Trap was so popular that it was re-introduced in 1996, this time with a Monte Carlo stock with a high cheekpiece. In 2000, a special version, the Remington 870 Classic Trap, was built; this version is basically identical to the TC Trap, but has a blued receiver with engraving, inlaid with gold. In 2001, the same weapon was placed into standard production, minus the engraving.

Twilight 2000 Notes: Only the original two versions of the TC Trap exist in the Twilight 2000 timeline.

Weapon	Ammunition	Weight	Magazines	Price
<b>Remington 870 TC Trap</b>	12 Gauge 3"	3.76 kg	5 Tubular	\$990
<b>Remington 870 Classic Trap</b>	12 Gauge 3"	3.6 kg	5 Tubular	\$990

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Remington 870 TC Trap</b>	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	76
<b>Remington 870 Classic Trap</b>	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	76

### Robar Elite Remington 870

Notes: This "Robarized" version of the Remington 870 (Robar normally improves existing firearms rather than building them from scratch) is sort of a Remington 870 "taken to the max" for a combat shotgun. Modifications include the installation of a custom choke, improved action and trigger to increase the smoothness of the workings of the shotgun, a side-saddle shell holder that carries 6 shells, a Choate shell follower, non-slip textures on the grip and fore-end (with deep dimples on the slide to further increase a positive grip on the slide), a Polymax synthetic stock, ghost ring sight, a Pachmayr recoil pad, and a Roguard NP3 metal finish stop corrosion.

Weapon	Ammunition	Weight	Magazines	Price
<b>Elite Remington 870</b>	12 Gauge 3"	3.5 kg	7 Tubular	\$947

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Elite Remington 870</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	45

### Remington 887

Notes: The Model 887 may be regarded as a modernized Model 870, with a synthetic stock and pump slide, and using some light alloy. It is also stressed for more powerful loads, and can fire most types of 12-Gauge ammunition. The result is a lighter shotgun than the Model 870, but one that is much handier and easy to use. The finish for the metal parts is Remington's proprietary ArmorLokt finish, which is a polymer coating which not only makes it practically weatherproof, but provides lubricant properties and dissipates heat more quickly. The receiver and frame of the shotgun is of skeletonized steel, covered in the appropriate places with steel sheet, though of a lighter yet stronger steel than on the Model 870. The ArmorLokt coating is bonded with the metal at the molecular level. Along the top of the barrel is a ventilated sighting rib, and the top of the receiver has a short length of MIL-STD-1913 rail. At the front of the rib is a length of Hi-Viz fiberoptic sight. The 18.5-inch barrel is tipped standard with a Tactical Choke Tube, which also acts as a breaching attachment and a muzzle brake. The trigger guard is also polymer, and contains the crossbolt safety. The trigger is also polymer. The stock is textured along the pistol grip wrist running to the trigger guard, and the pump slide is also textured. Both are polymer. The butt has a recoil pad. The Model 887 also has a bolt release, which is located in front of the trigger guard.

Weapon	Ammunition	Weight	Magazines	Price
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<b>Remington 887</b>	12 Gauge 2.75", 3", and 3.5"	3.08 kg	7 Tubular (2.75"), 6 Tubular (3"), 5 Tubular (3.5")	\$1069
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Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Remington 887 (2.75")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	39
<b>Remington 887 (3")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	45
<b>Remington 887 (3.5")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	46

**Savage 21**

Notes: The Savage Model 21 (also known as the Model 1921) was designed specifically to compete with the Winchester Model 12 shotgun, which was at the time enjoying phenomenal success in the hunters' market. It was possibly Savage's first shotgun produced for commercial sales; at the time (1921), Savage was almost exclusively a rifle-making company, with a few pistol designs also on the market. The Model 21 in fact looked virtually identical (externally) to the Winchester 12, though internally it was quite different and thus avoided any patent snares. Unfortunately, Savage was not known for its shotguns at the time; since they were essentially an unknown quantity to fowlers, most of them stuck with Winchester shotguns, and the Savage 21 (and the mater Model 28) were by comparison dismal failures. Today, they are mostly forgotten weapons.

The Savage 21 was, like most shotguns of the period, constructed mostly of steel metalwork, with a walnut stock and pump lever. The standard barrel was 30 inches with Full Choke, but barrels of 26, 28, and 32 inches could also be had, as well as Modified Choke or Cylindrical Choke; a riot/home defense version was also available, with a 20-inch barrel, Cylindrical Choke, and a solid aiming rib atop the barrel. (For those who are wondering, Improved Cylinder Choke was virtually unknown until the early 1930s, and these Savage shotguns never had them, nor was it unusual that they didn't have them.) The chokes were fixed and had to be bought or ordered with the choke the shooter desired; there were no interchangeable choke kits (these were also quite unusual in shotguns at that time). The Savage 21 came in Grades A, B, C, D, and E; A-grade was a basic no-frills field gun, B-grade added a solid aiming rib atop the barrel, and C-grade was the riot/home defense version described above. The D-grade was a trap version, with a stock of fancy-grade walnut that had more drop at the heel than the other grades, as well as a raised cheekpiece. The stock also had a straight wrist, instead of the pistol-grip-wrist of the other grades. (Straight wrists were common on trap guns of the period.) Atop the barrel was either a ventilated or solid aiming rib. They had exclusively 30-inch barrels, and almost all of them had Full Chokes. The Model 21 D-grade also was one of the first shotguns which used overbored barrels. The E-grade was also called the Model 21 Tournament Grade; it was a shotgun which was made to order, complete with measurements made to fit specific shooters. The stock was of the finest American walnut available, with fine hand checkering on the wrist (which could be straight or pistol grip-type, according to the wishes of the buyer). The pump lever could also be ribbed or fine checkered. A Monte Carlo-type stock could be ordered for the E-grade, or any of the other stocks available to the Model 21 could be used. The E-grade had a ventilated sighting rib atop the barrel with a bead at the end of the rib. (All the grades are effectively identical for game purposes, though of course they are quite different in real life.)

The Model 21 had a tang-mounted safety; it also had a pump-slide lock inside the trigger guard. Internally, the Savage 21 is quite different from the Winchester 12 (though in a few cases, the parts are actually interchangeable with those of the Winchester 12). Disassembly in particular is nothing like that of the Winchester 12, and the internal action, particularly the feed mechanism, is also quite different.

In 1927, Savage made some improvements internally to the Model 21, producing the Model 28. The differences were quite subtle, and even Savage didn't make much of the changes in their literature. The primary differences noticeable in the Model 28 are in the fore-end; takedown of the pump slide and magazine tube became much easier (and more reminiscent of the Winchester 12; in fact, it is quite easy to interchange the pump slide and magazine tube of the Savage 28 and Winchester 12). In addition, the underside of the Model 21's receiver is squared-off, while that of the Model 28 has rounded edges and excess metal has been removed, giving the underside of the receiver a V-shaped appearance. The Model 28 came in the same grades as the Model 21; in addition, there was a Model 28-3, which was an E-grade with an engraved receiver and various other ornamentations. In real-life terms, the Model 28 was actually less expensive than the Model 21, a rarity at that time, considering the rampant inflation of the period. Though the Model 28 versions have somewhat different weights than the Model 21s, they shoot the same for game purposes.

Both the Model 21 and 28 were able to shoot a very wide variety of loads and shells; 2.5-inch and 2.75-inch shells could be fired from these shotguns, as well as 2.625-inch shells, which were rarities even then. They could fire slugs as well as shot of widely different weights and propellant charges; one company rep even demonstrated the Model 21 with a load of mere sand! It is a mystery to most shotgun experts as to why the Savage 21 and 28 did not sell better; it is widely regarded as the better shotgun, and was also (in real-life terms) far less expensive at the time than the Winchester 12. Nevertheless, while the Model 21 and 28 sold less than 20,000 units, the Winchester 12 sold almost 150,000 units in the same time period, and more later on. Most old Savage 21s and 28s from that time period are still perfectly shootable, though they are considered by most to be "shootable collectibles." Regardless of why, Savage stopped production of the Model 28 in 1934.

Weapon	Ammunition	Weight	Magazines	Price
<b>Savage 21 (20" Barrel)</b>	12 Gauge 2.5", 2.625", and 2.75"	3.23 kg	7 (2.5"), 6 (2.625"), 5 (2.75"); Tubular	\$808
<b>Savage 21 (26" Barrel)</b>	12 Gauge 2.5", 2.625", and 2.75"	3.33 kg	7 (2.5"), 6 (2.625"), 5 (2.75"); Tubular	\$838
<b>Savage 21 (28" Barrel)</b>	12 Gauge 2.5", 2.625", and 2.75"	3.37 kg	7 (2.5"), 6 (2.625"), 5 (2.75"); Tubular	\$848
<b>Savage 21 (30" Barrel)</b>	12 Gauge 2.5", 2.625", and 2.75"	3.4 kg	7 (2.5"), 6 (2.625"), 5 (2.75"); Tubular	\$858
<b>Savage 21 (32" Barrel)</b>	12 Gauge 2.5", 2.625", and 2.75"	3.44 kg	7 (2.5"), 6 (2.625"), 5 (2.75"); Tubular	\$869
<b>Savage 21 Trap</b>	12 Gauge 2.5", 2.625", and 2.75"	3.57 kg	7 (2.5"), 6 (2.625"), 5 (2.75"); Tubular	\$863
<b>Savage 28 (20" Barrel)</b>	12 Gauge 2.5", 2.625", and 2.75"	3.2 kg	7 (2.5"), 6 (2.625"), 5 (2.75"); Tubular	\$808
<b>Savage 28 (26" Barrel)</b>	12 Gauge 2.5", 2.625", and 2.75"	3.3 kg	7 (2.5"), 6 (2.625"), 5 (2.75"); Tubular	\$838
<b>Savage 28 (28" Barrel)</b>	12 Gauge 2.5", 2.625", and 2.75"	3.34 kg	7 (2.5"), 6 (2.625"), 5 (2.75"); Tubular	\$848
<b>Savage 28 (30" Barrel)</b>	12 Gauge 2.5", 2.625", and 2.75"	3.37 kg	7 (2.5"), 6 (2.625"), 5 (2.75"); Tubular	\$858
<b>Savage 28 (32" Barrel)</b>	12 Gauge 2.5", 2.625", and 2.75"	3.41 kg	7 (2.5"), 6 (2.625"), 5 (2.75"); Tubular	\$869
<b>Savage 28 Trap</b>	12 Gauge 2.5", 2.625", and 2.75"	3.53 kg	7 (2.5"), 6 (2.625"), 5 (2.75"); Tubular	\$863

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Savage 21 (20", 2.5")	PA	4/1d6x24 of 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	38
Savage 21 (20", 2.625")	PA	4/1d6x24 of 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	39
Savage 21 (20", 2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	43
Savage 21 (26", 2.5")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	8	4	Nil	50
Savage 21 (26", 2.625")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	4	Nil	52
Savage 21 (26", 2.75")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	57
Savage 21 (28", 2.5")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	4	Nil	55
Savage 21 (28", 2.625")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	57
Savage 21 (28", 2.75")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
Savage 21 (30", 2.5")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	59
Savage 21 (30", 2.625")	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	61
Savage 21 (30", 2.75")	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	67
Savage 21 (32", 2.5")	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	9	5	Nil	64
Savage 21 (32", 2.625")	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	9	5	Nil	66
Savage 21 (32", 2.75")	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	9	6	Nil	72
Savage 21 Trap (2.5")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	59
Savage 21 Trap (2.625")	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	61
Savage 21 Trap (2.75")	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	67

### Savage 30

Notes: First appearing in 1958 in 12 gauge as a long-barreled sporting shotgun, the Model 30 later appeared in 20 gauge and .410 gauge. The design was also licensed by Springfield and sold by them as the Model 67, and by Stevens (which itself later became a subsidiary of Savage Firearms) as the Model 77, both of which were nearly identical to the Savage 30. Therefore, this particular shotgun can also be found with names like the Savage-Stevens 77 and Savage-Stevens 30. For the most part, the Savage, Springfield, and Stevens guns were virtually identical in appearance and functioning (differences were mostly cosmetic and related to the finish) and may be regarded as identical for game purposes. As with most shotguns of this time period, metalwork was largely steel, feed was by a 4-round tubular magazine, and woodwork was of mid-quality walnut. Barrels were 26, 28, or 30 inches; choke was fixed, but barrels could be ordered with Cylindrical, Modified, or Full Choke. Sling swivels were optional. Original models had no sights of any kind, but later an optional front bead was added near the muzzle.

After the Savage-Stevens merger, the company produced a 20-inch-barrel police version, the Model 69R (also known as the Police Riot Gun), and a military version, the Model 77E. Both of these were virtually identical, with the Model 69R having a shiny finish for its metalwork, while the Model 77E had dull metalwork. The Model 77E at first got no military orders, but the US military found itself short of shotguns early in the Vietnam War, particularly for issue to militia and village defense forces loyal to the South Vietnamese government. In addition, some troops purchased the Model 77E on their own dime for use in Vietnam.

The Model 77E in particular, and even to some extent the Model 69R, suffered from one large complaint – the small size of its tubular magazine. In addition, there were also complaints that both weapons were a bit too long, particularly the Model 77E. This resulted in the Savage 69-RXL, unfortunately not introduced until 1982. Also known as the Stevens 68-RXL, the Model 69-RXL shortened the barrel to 18.24 inches, extends the magazine to near the end of the muzzle, adds a ventilated rubber recoil pad, strengthens the receiver and bore to allow the use of 3-inch shells, and makes the bead front sight standard. The optional sling swivels also became standard, and were in addition made quick-detachable. The barrel generally has a fixed Cylindrical choke. Metalwork finish is dull metal or Parkerized, and the wooden stock is usually finished dark. Today, the Model 69-RXL is in use by many police departments in the US, and is considered a substitute standard in the US military.

Weapon	Ammunition	Weight	Magazines	Price
Savage 30 (26" Barrel)	12 Gauge 2.75"	3.07 kg	4 Tubular	\$838
Savage 30 (28" Barrel)	12 Gauge 2.75"	3.1 kg	4 Tubular	\$848
Savage 30 (30" Barrel)	12 Gauge 2.75"	3.13 kg	4 Tubular	\$858
Savage 30 (26" Barrel)	20 Gauge 2.75"	2.95 kg	4 Tubular	\$641
Savage 30 (28" Barrel)	20 Gauge 2.75"	2.98 kg	4 Tubular	\$651
Savage 30 (30" Barrel)	20 Gauge 2.75"	3.01 kg	4 Tubular	\$662
Savage 30 (26" Barrel)	.410 Gauge 2.75"	2.77 kg	4 Tubular	\$372
Savage 30 (28" Barrel)	.410 Gauge 2.75"	2.8 kg	4 Tubular	\$382
Savage 30 (30" Barrel)	.410 Gauge 2.75"	2.83 kg	4 Tubular	\$393
Savage 69R/77E	12 Gauge 2.75"	2.88 kg	4 Tubular	\$802
Savage 69-RXL	12 Gauge 2.75" and 3"	2.95 kg	7 Tubular	\$931

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Savage 30 (26", 12 GA)	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	57
Savage 30 (28", 12 GA)	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62

<b>Savage 30 (30", 12 GA)</b>	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	67
<b>Savage 30 (26", 20 GA)</b>	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	48
<b>Savage 30 (28", 20 GA)</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	52
<b>Savage 30 (30", 20 GA)</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	56
<b>Savage 30 (26", .410 GA)</b>	PA	3/1d6x8	1-Nil/Nil	7	3	Nil	32
<b>Savage 30 (28", .410 GA)</b>	PA	3/1d6x8	1-Nil/Nil	7	3	Nil	35
<b>Savage 30 (30", .410 GA)</b>	PA	3/1d6x8	1-Nil/Nil	7	3	Nil	38
<b>Savage 69R/77E</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	43
<b>Savage 69-RXL (2.75")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	39
<b>Savage 69-RXL (3")</b>	PA	4/1d6x28 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	44

### Savage 77E

Notes: A long-unsung hero of the Vietnam War, the Model 77E was one of the standard shotguns of that conflict, used by MPs, security forces, and even some personnel such as platoon sergeants and special ops units. Though designed to be a police riot gun, it saw much more service in the military, in Vietnam, the US, and other world postings. Between 1963 and 1964 some 60,920 were built and delivered to the US military, A further "emergency" order was made in late 1964, for a total of 1980 shotguns. 771 of these were provided to the ARVN. The M-77E was relatively inexpensive, and proved useful in the jungle.

Complaints by flak-jacket-clad shooters led to the stock being sawed off by 0.62 inches. This led to further complaints from those not wearing body armor, and later, a screw-on stock extender was devised that allowed the M-77E to be brought back to the original LOP. Unlike most US military shotguns, the M-77E had a thick recoil pad; the stock and pump slide were made of varnished beech, painted black. The stock was cheap and not too strong; a strong butt-stroke against an enemy often required a stock replacement. Savage responded by shipping the Army and Marines lots of extra stocks. The stock has a deep semi-pistol grip. The trigger guard was also made of weak alloy and broke often. As replacement trigger guards were in short supply, armorers often resorted to taking one off of an M-77E not being used or making them from scratch. Metal finish was Parkerized black. A few were experimentally fitted with bayonet lugs, but as bayonets on shotguns were little used, the experiment came to a halt, and the bayonet lugs removed. The crossbolt safety was on the left front of the trigger guard, a very ergonomic position.

The Savage 77Es were regarded as less-desired brothers to the Ithaca 37 and Winchester Model 12. Most were sold into civilian and police service after Vietnam, where their shortcomings were not as deleterious. They are now considered collectors' items.

Weapon	Ammunition	Weight	Magazines	Price
<b>Savage 77E</b>	12 Gauge 2.75"	3.08 kg	5 Tubular	\$857

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Savage 77E</b>	PA	4/1d6x28 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	43

### Scattergun Technologies Border Patrol Remington 870

Notes: This is another version of the Remington 870 that has been improved by a third party. Scattergun Technologies has Trak-Lok ghost ring rear sight and a ramp front sight with a tritium insert for night work. The stock is synthetic, and the action is modified for extra smoothness. The magazine spring is extra heavy duty stainless steel to allow for extended period of loading without wearing out the spring from compression. The safety is larger than normal to allow easier manipulation. The standard Border Patrol Remington 870 has an 18-inch barrel, but another version, the Entry Model, has a 14-inch barrel.

Weapon	Ammunition	Weight	Magazines	Price
<b>Border Patrol Remington 870</b>	12 Gauge 3"	3.64 kg	7 Tubular	\$944
<b>Entry Model Remington 870</b>	12 Gauge 3"	3.4 kg	5 Tubular	\$923

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Border Patrol Remington 870</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	43
<b>Entry Model Remington 870</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	4	Nil	30

### Serbu Super-Shorty

Notes: This is basically a Mossberg Maverick pump-action shotgun, with pistol grip, cut down into a scattergun. It is believed to be the shortest production shotgun available. Though the extremely short barrel (only 6.5 inches) severely limits range and also allows only a very small tubular magazine underneath, the weapon has become popular among curio collectors and has some applications in close-assault situations. The Super-Shorty has a folding foregrip which is also used to actuate the pump action. Serbu will also make one of these based upon the Mossberg 500 or 590 upon request; the results are largely the same. The finish is Mil-Spec manganese phosphate. It would behoove the user to load an additional round into the chamber, as the magazine capacity is so small.

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

Weapon	Ammunition	Weight	Magazines	Price
<b>Super-Shorty</b>	12 Gauge 2.75" and 3"	2.5 kg	2 Tubular	\$742

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Super-Shorty (2.75")	PA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	3	5	Nil	8
Super-Shorty (3")	PA	4/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	3	5	Nil	8

**Smith & Wesson 916**

Notes: The Model 916 was an early smith & Wesson shotgun, manufactured for them by Nobel Shotgun Company (not to be confused with Dynamit Nobel). Three versions were available: the Slide Action with Fixed Barrel, the Eastfield, and the Model 916T. The Slide Action with Fixed Barrel (to distinguish it from the Model 916T, which has interchangeable barrels) has an absolutely huge amount of barrel lengths and gauges and shell lengths, though the 16 gauge version is rumored only and if it exists, is very rare. In addition, the chokes are fixed and may be Full, Improved Cylinder, or Cylinder. The gun has a pistol grip wrist. The barrel may be plain or have a ventilated sighting rib. It was offered from 1972-78. The stock and slide are walnut and the metalwork is blued steel.

The Model 916 Eastfield has a plain or barrel with a ventilated sighting rib, comes in 12, 16, or 20 gauge 2.75" or 3" shells and has a recoil pad. Only a 28-inch barrel is available.

The Model 916T has user-interchangeable barrels, of various lengths and fixed chokes. The barrel may or may not have ventilated sight ribs, or rifle sights and rifled barrels. Some of these shotguns were given 8-round extended tube magazines for police use; these cost \$5 more. For game purposes, it is otherwise identical to the Slide Action with Fixed Barrel.

Weapon	Ammunition	Weight	Magazines	Price
Model 916 (18" Barrel)	12 Gauge 2.75" and 3"	3.29 kg	5 Tubular	\$854
Model 916 (20" Barrel)	12 Gauge 2.75" and 3"	3.33 kg	5 Tubular	\$864
Model 916 (26" Barrel)	12 Gauge 2.75" and 3"	3.55 kg	5 Tubular	\$895
Model 916 (28" Barrel)	12 Gauge 2.75" and 3"	3.59 kg	5 Tubular	\$905
Model 916 (30" Barrel)	12 Gauge 2.75" and 3"	3.63 kg	5 Tubular	\$915
Model 916 (18" Barrel)	16 Gauge 2.75" and 3"	3.16 kg	5 Tubular	\$723
Model 916 (20" Barrel)	16 Gauge 2.75" and 3"	3.2 kg	5 Tubular	\$734
Model 916 (26" Barrel)	16 Gauge 2.75" and 3"	3.41 kg	5 Tubular	\$764
Model 916 (28" Barrel)	16 Gauge 2.75" and 3"	3.45 kg	5 Tubular	\$774
Model 916 (30" Barrel)	16 Gauge 2.75" and 3"	3.49 kg	5 Tubular	\$784
Model 916 (18" Barrel)	20 Gauge 2.75" and 3"	3.07 kg	5 Tubular	\$640
Model 916 (20" Barrel)	20 Gauge 2.75" and 3"	3.11 kg	5 Tubular	\$650
Model 916 (26" Barrel)	20 Gauge 2.75" and 3"	3.31 kg	5 Tubular	\$681
Model 916 (28" Barrel)	20 Gauge 2.75" and 3"	3.35 kg	5 Tubular	\$691
Model 916 (30" Barrel)	20 Gauge 2.75" and 3"	3.39 kg	5 Tubular	\$701
Model 916 Eastfield	12 Gauge 2.75" and 3"	3.79 kg	5 Tubular	\$986
Model 916 Eastfield	16 Gauge 2.75" and 3"	3.65 kg	5 Tubular	\$849
Model 916 Eastfield	20 Gauge 2.75" and 3"	3.59 kg	5 Tubular	\$766

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Model 916 (18", 12 GA, 2.75")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	38
Model 916 (18", 12 GA, 3")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	43
Model 916 (20", 12 GA, 2.75")	PA	4/1d6x38 or 2d6x4	2-3-Nil/Nil or Nil	7	5	Nil	43
Model 916 (20", 12 GA, 3")	PA	4/1d6x38 or 2d6x4	2-3-Nil/Nil or Nil	7	5	Nil	49
Model 916 (26", 12 GA, 2.75")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	57
Model 916 (26", 12 GA, 3")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	65
Model 916 (28", 12 GA, 2.75")	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
Model 916 (28", 12 GA, 3")	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	70
Model 916 (30", 12 GA, 2.75")	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	67
Model 916 (30", 12 GA, 3")	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	76
Model 916 (18", 16 GA, 2.75")	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	35
Model 916 (18", 16 GA, 3")	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	40
Model 916 (20", 16 GA, 2.75")	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	39
Model 916 (20", 16 GA, 3")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	5	Nil	44
Model 916 (26", 16 GA, 2.75")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	59
Model 916 (26", 16 GA, 3")	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	52
Model 916 (28", 16 GA, 2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	56
Model 916 (28", 16 GA, 3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	64
Model 916 (30", 16 GA, 2.75")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	61
Model 916 (30", 16 GA, 3")	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	69
Model 916 (18", 20 GA, 2.75")	PA	4/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	6	4	Nil	32
Model 916 (18", 20 GA, 3")	PA	4/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	6	4	Nil	36

<b>Model 916 (20", 20 GA, 2.75")</b>	PA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	6	4	Nil	36
<b>Model 916 (20", 20 GA, 3")</b>	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	41
<b>Model 916 (26", 20 GA, 2.75")</b>	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	48
<b>Model 916 (26", 20 GA, 3")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	5	Nil	55
<b>Model 916 (28", 20 GA, 2.75")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	52
<b>Model 916 (28", 20 GA, 3")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	59
<b>Model 916 (30", 20 GA, 2.75")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	56
<b>Model 916 (30", 20 GA, 3")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	5	Nil	64
<b>Model 916 Eastfield (12 GA, 2.75")</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62
<b>Model 916 Eastfield (12 GA, 3")</b>	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70
<b>Model 916 Eastfield (16 GA, 2.75")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	56
<b>Model 916 Eastfield (16 GA, 3")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	8	4	Nil	64
<b>Model 916 Eastfield (20 GA, 2.75")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	52
<b>Model 916 Eastfield (20 GA, 3")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	59

### Smith & Wesson 3000

Notes: Though Smith & Wesson is largely out of the shotgun game these days, for a while they offered combat shotguns to police. One of these shotguns was the Model 3000. The Model 3000 is a basic sort of pump-action shotgun for the most part, except for the side-folding Choate stock with a substantial recoil pad. The Choate stock is also unusual in that it has almost no rattle when folded, a problem that is otherwise common in side-folding stocks. The finish is parkerized. The Model 3000 is very durable and was well-thought of by its users; many are still in operation today.

An early version of this shotgun was called the Model 1000P, it did not have the folding stock, but otherwise was identical to the Model 3000. Not to be confused with the Model 1000 Autoloader above.

Weapon	Ammunition	Weight	Magazines	Price
<b>Model 3000</b>	12 Gauge 2.75"	3.35 kg	5 Tubular	\$901

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Model 3000</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5/6	4	Nil	38

### Stevens 320

Notes: This shotgun was designed not only as an easy-to-use home defense weapon, but also as a tactical weapon for possible police and military use. (In fact, several US police departments use the Stevens 320, due to its low RL cost.) The Stevens uses a pistol grip stock, made of carbon fiber enclosing glass fiber. The 18.5-inch barrel is made from carbon steel and the entire shotgun is a little over a meter in length. It uses adjustable rifle-type sights, not being designed for use as a hunting weapon, though it can be used as a defense against wild animals. The rear sight gives the shooter a ghost ring, with the front being a green fiberoptic tube, The rear sight is protected by ears. Finish is Matte Black, including the external metalwork. Construction is considered solid. In fact, it may remind one of the Winchester 1200 or 1300 in operation, as the trigger assembly and receiver are very similar to those shotguns. Though the Stevens 320's magazine is sometimes sold plugged, allowing only three rounds for civilians in jurisdictions that require this, the actual magazine capacity is five. The butt has a soft rubber pad. The fore-end has deep grooves for a positive grip, and the fore-end is longer to the rear for smaller-statured shooters. The pistol grip is also grooved, and flares out at the bottom, with a lip to help the shooter's hand from slipping down or off. The top of the receiver has a Picatinny rail, and the barrel has a heat shield. This version is known as the Security Model.

A Field Model of the Stevens 320 is also built, for game terms identical except for the 28-inch barrel and plugged magazine at three rounds. It also uses shotgun-style sights and does not have the barrel heat shield. It comes with interchangeable choke tubes. The Field Model can be finished in several camouflage patterns and has a sighting rib above the barrel. It does not use a full pistol grip stock, instead using a pistol grip wrist.

Weapon	Ammunition	Weight	Magazines	Price
<b>Model 320 Security</b>	12 Gauge 2.75" or 3"	3.18 kg	5 Tubular	\$955
<b>Model 320 Field</b>	12 Gauge 2.75" or 3"	3.49 kg	5 Tubular	\$1003

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Model 320 Security (2.75")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	40
<b>Model 320 Security (3")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	6	4	Nil	45



<b>Model 320 Field (2.75")</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62
<b>Model 320 Field (3")</b>	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	5	Nil	70

### Winchester 12

Notes: The Winchester Model 12 was originally conceived to be both a hunter's weapon and to also come in separate versions for police and military use. They were also intended to improve upon and correct deficiencies found in earlier Winchester pump-action shotguns. The original Winchester 12 was produced in 12 gauge with steel metalwork and barrels of 26, 28, and 30 inches, but quickly other gauges were added. In addition, Winchester built the Model 12 only as a Field version, but other versions were later added – Fancy, Skeet, Trap, Tournament, Featherweight, and the Heavy Duck Gun. Most of these weapons, except the Featherweight and Heavy Duck Gun, varied only in (by *Twilight 2000* standards) minor details, such as the sights, the choke on the barrels, and the finish and wood used. Manufacture of the Model 12 began in 1912 and continued until 1965; manufacture began again in 1972, but finally ended for good in 1980.

The Winchester 12 was machined out of solid steel forgings, making for a strong, relatively-heavy weapon, but one that is so sturdy in its construction that they will still function relatively flawlessly today. It also meant that the Model 12 was difficult, time-consuming, and expensive (in real-life terms) to produce. The exposed bolt and hammer of most previous Winchester pump-action shotguns was eliminated. More positive and passive safeties were added. The difficult pump slide cycling of many previous Winchester pump-action designs was likewise eased significantly. Despite the cost and complexity, the Winchester 12 was a shotgun well-liked by its users, though it has since been surpassed by shotguns of more modern design.

Two major variants of the Winchester 12 existed. The Featherweight was a shorter, lighter version, with a 22-inch barrel and lighter wood and metalwork. The Heavy Duck Gun was introduced in 1935, with a 30 and 32-inch barrels (until 1948 when the 32-inch barrel was discontinued). They had the ability to chamber 3" shells, but were made only for 12 gauge ammunition. They used stainless steel barrels instead of the nickel steel barrels of other Model 12s. The stocks were built of fancy-grade wood with a recoil pad on the butt, checkering on the pistol grip wrist and pump slide, and various carvings and engravings. Trap and Pigeon models were also built, differing primarily in the chokes of the barrels and barrel sighting ribs.

The Winchester Model 12 was also produced in military and police versions. Police versions differed little from their civilian counterparts, but were chambered only for 12 gauge and had 20-inch barrels (with 18-inch barrels an option). They typically had dull, non-corrosive finishes and slightly-extended magazines, and were typically known as the Model 12 Police or Model 12 Riot Gun. Military versions were much different from their civilian counterparts or even the police versions; they have standard barrel lengths of 18 inches, have a ventilated aluminum barrel shroud fitted above the barrel, and a bayonet lug under the barrel along with sling swivels. Known to the US military as the M-12, they served as late as shortly after the Vietnam War, and were also issued in good numbers to friendly militia and irregular troops there. Though they were in many ways an improvement over the M-1917 Trench Gun, the two continued to be manufactured and served alongside each other until World War 2.

Weapon	Ammunition	Weight	Magazines	Price
Winchester 12 (26" Barrel)	12 Gauge 2.75"	3.91 kg	4 Tubular	\$838
Winchester 12 (28" Barrel)	12 Gauge 2.75"	3.95 kg	4 Tubular	\$848
Winchester 12 (30" Barrel)	12 Gauge 2.75"	3.99 kg	4 Tubular	\$858
Winchester 12 (26" Barrel)	16 Gauge 2.75"	3.73 kg	4 Tubular	\$718
Winchester 12 (28" Barrel)	16 Gauge 2.75"	3.77 kg	4 Tubular	\$728
Winchester 12 (30" Barrel)	16 Gauge 2.75"	3.81 kg	4 Tubular	\$738
Winchester 12 (26" Barrel)	20 Gauge 2.75"	3.61 kg	4 Tubular	\$641
Winchester 12 (28" Barrel)	20 Gauge 2.75"	3.65 kg	4 Tubular	\$651
Winchester 12 (30" Barrel)	20 Gauge 2.75"	3.69 kg	4 Tubular	\$662
Winchester 12 (26" Barrel)	28 Gauge 2.75"	3.45 kg	4 Tubular	\$545
Winchester 12 (28" Barrel)	28 Gauge 2.75"	3.49 kg	4 Tubular	\$555
Winchester 12 (30" Barrel)	28 Gauge 2.75"	3.53 kg	4 Tubular	\$565
Winchester 12 Lightweight	12 Gauge 2.75"	3.71 kg	4 Tubular	\$812
Winchester 12 Lightweight	16 Gauge 2.75"	3.54 kg	4 Tubular	\$692
Winchester 12 Lightweight	20 Gauge 2.75"	3.43 kg	4 Tubular	\$616
Winchester 12 Lightweight	28 Gauge 2.75"	3.28 kg	4 Tubular	\$519
Winchester 12 Heavy Duck Gun (30" Barrel)	12 Gauge 2.75" and 3"	4.24 kg	4 Tubular	\$970
Winchester 12 Heavy Duck Gun (32" Barrel)	12 Gauge 2.75" and 3"	4.28 kg	4 Tubular	\$980
Winchester 12 Police (20" Barrel)	12 Gauge 2.75"	3.84 kg	5 Tubular	\$858
Winchester 12 Police (18" Barrel)	12 Gauge 2.75"	3.8 kg	5 Tubular	\$847
M-12	12 Gauge 2.75"	3.86 kg	5 Tubular	\$852

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Winchester 12 (26", 12 GA)	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	4	Nil	57
Winchester 12 (28", 12 GA)	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	62
Winchester 12 (30", 12 GA)	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	67
Winchester 12 (26", 16 GA)	PA	4/1d6x24 or 2d4x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	52

<b>Winchester 12 (28", 16 GA)</b>	PA	4/1d6x28 or 2d4x8	2-3-Nil/Nil or Nil	8	4	Nil	56
<b>Winchester 12 (30", 16 GA)</b>	PA	4/1d6x28 or 2d4x8	2-3-Nil/Nil or Nil	8	4	Nil	61
<b>Winchester 12 (26", 20 GA)</b>	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	48
<b>Winchester 12 (28", 20 GA)</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	52
<b>Winchester 12 (30", 20 GA)</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	56
<b>Winchester 12 (26", 28 GA)</b>	PA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	7	4	Nil	43
<b>Winchester 12 (28", 28 GA)</b>	PA	4/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	8	4	Nil	47
<b>Winchester 12 (30", 28 GA)</b>	PA	4/1d6x20 or 2d6x4	2-Nil/Nil or 1-Nil	8	4	Nil	50
<b>Winchester 12 Lightweight (12 GA)</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	47
<b>Winchester 12 Lightweight (16 GA)</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	43
<b>Winchester 12 Lightweight (20 GA)</b>	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	40
<b>Winchester 12 Lightweight (28 GA)</b>	PA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	7	3	Nil	36
<b>Winchester 12 Heavy Duck Gun (30", 2.75")</b>	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	9	5	Nil	67
<b>Winchester 12 Heavy Duck Gun (30", 3")</b>	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	9	5	Nil	76
<b>Winchester 12 Heavy Duck Gun (32", 2.75")</b>	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	9	5	Nil	72
<b>Winchester 12 Heavy Duck Gun (32", 3")</b>	PA	5/1d6x36 or 2d6x8	2-4-Nil/Nil or 1-Nil	9	5	Nil	82
<b>Winchester 12 Police (20")</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	43
<b>Winchester 12 Police (18")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	38
<b>M-12</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	38

### Winchester 97

Notes: This was the first pump-action combat shotgun to achieve any sort of popularity – there were a few “combat” pump-action shotguns before it, but they were never popular with the troops. The Model 97 was actually invented by John Moses Browning, and was the first pump-action shotgun. It still holds its own when compared against modern pump shotguns, showing just how good the design was; almost any Model 97 is still in firing condition, even with modern ammunition and loads.

The Model 97 has an exposed hammer, something that helped training troops familiar with double-barreled shotguns, though the hammer could easily get snagged. The only safety on the Model 97 is a half-cock safety. The Model 97 also does not have a trigger disconnect; therefore, the user could rapidly fire the gun by holding down the trigger and cycling the slide. A shooter may use this feature to get off four shots per round, but recoil is then increased by one. The metalwork of the Model 97 is of blued steel, and the complicated mechanism and receiver using primarily milled parts made is difficult, time-consuming, and expensive to produce, as well as to field strip. The stock is walnut. Nonetheless, by the time production stopped in 1957, over a million had been manufactured. A version of this gun became the M-1917 Trench Gun (q.v.), and it was also popular with the Texas Rangers, Border Patrol, and thousands of police departments across the country. Straight Model 97s were also used by the US Military from World War I to Vietnam. Barrels for the Model 97 included 18 and 18.5-inch barrels. A Trap version of the Model 97 was sold for a short time, with a 30-inch barrel. It did not sell well, and is rather rare.

Weapon	Ammunition	Weight	Magazines	Price
<b>Winchester 97 (18" Barrel)</b>	12 Gauge 2.75"	3.58 kg	5 Tubular	\$797
<b>Winchester 97 (18.5" Barrel)</b>	12 Gauge 2.75"	3.6 kg	5 Tubular	\$800
<b>Winchester 97 (30" Barrel)</b>	12 Gauge 2.75"	3.82 kg	5 Tubular	\$858

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
<b>Winchester 97 (18" Barrel)</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	38
<b>Winchester 97 (18.5" Barrel)</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	39
<b>Winchester 97 (30" Barrel)</b>	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil or 1-Nil	8	6	Nil	67

### Winchester 1200/1300

Notes: The Model 1200 was introduced in 1964 as a less-expensive and lighter version of the Winchester 12. This was achieved primarily by the use of a stamped aluminum receiver. In addition, all of the internal parts were contained in the trigger assembly, which could be removed as one unit. To help users deal with the heavier recoil caused by the lighter weight, a thick, ventilated recoil pad is on the butt. The crossbolt safety was appreciated, but the trigger disconnect was not – no more rapid firing by simply holding down the trigger and cycling the slide. The crossbolt safety was also not appreciated by some – many owners have replaced it with a toggle-type safety, and have found the safety of an M-1 Garand or M-14 work quite well for this purpose.) The pump slide release is at the left rear of the trigger guard, which is a bit awkward for shooters not used to the Model 1200. Barrels for civilian models were 22, 26, or 28 inches (depending upon model, most of which are otherwise identical for game purposes). Four gauges were offered. Metalwork on the Model 1200 includes an aluminum receiver and tubular magazine (though the rest of the metalwork is steel); the stock and pump slide are of walnut, and a variety of sights are available, including a sighting rib.

In the 1960s, Winchester (after its purchase by US Repeating Arms) decided to increase its market base for the Model 1200 by offering versions designed for police and military use. These at first had the same aluminum receiver, but it was quickly found that the aluminum receivers used by Winchester could not hold up to military durability standards, and those that were built were quickly relegated to National Guard use, where they were eventually sold off to civilian police departments. Winchester responded to the

durability problem by offering two new versions of the Model 1200 – the Stainless Marine, the Stainless Police.

Both the Stainless Marine and Stainless Police are essentially identical, sharing the same basic steel receivers, stainless-steel 18-inch barrels, and steel tubular extended magazines. (Later, civilian versions were built, without the extended magazines.) The Stainless Marine used a natural stainless steel finish; the Stainless Police had its external metalwork given a satin finish. Both use synthetic furniture. Some used by the military were also given a blued finish over the external metalwork; these are otherwise identical to the Stainless Marine for game purposes. The Stainless Marine uses rifle-type sights; the Stainless Police uses a sighting rib with a bead at the front of the rib. These shotguns saw a lot of use with the military (especially the US Coast Guard) and police until the late 1960s; many US police departments still have them, as do some National Guard units. The civilian models are also still popular.

Another popular model with the police and civilians is the Model 1200 Defender. This version uses a black synthetic stockless configuration with a pistol grip. The barrel length remains 18 inches, but the metalwork is uniformly blued, and the magazine is extended a little further. It has no sights, nor any provision for mounting any. A civilian version, the Camp Defender, was also built; this version was made in 20 gauge only and has a smaller magazine, but is otherwise identical. The SXP Defender is essentially a Defender using more polymer, including a polymer stock pump slide, and using lighter-yet just as strong steel in its parts. This makes it lighter than the standard Defender. It has an Inflex recoil pad on the butt. Barrel length is 18 inches. The Black Shadow is more civilian-oriented and has a barrel length of 26 or 28 inches.

In the late 1970s, Winchester decided made a few improvements to the Model 1200 series, and then renamed the whole series the Model 1300 series. (They are identical to the Model 1200 series for game purposes.) A budget-version (in real-life terms) of the Model 1300 was also built; this version, the Model 1300 Ranger, used less-expensive wood furniture, less expensive steel and aluminum in the metalwork (except for the working parts) and were limited to 4-round magazines. They are otherwise identical to civilian Model 1200s for game purposes.

Production of all versions of the Model 1300 except civilian versions was dropped in 1986.

Weapon	Ammunition	Weight	Magazines	Price
Winchester 1200 (22" Barrel)	12 Gauge 2.75"	3.3 kg	5 Tubular	\$872
Winchester 1200 (26" Barrel)	12 Gauge 2.75"	3.37 kg	5 Tubular	\$892
Winchester 1200 (28" Barrel)	12 Gauge 2.75"	3.41 kg	5 Tubular	\$902
Winchester 1200 (22" Barrel)	16 Gauge 2.75"	3.15 kg	5 Tubular	\$751
Winchester 1200 (26" Barrel)	16 Gauge 2.75"	3.22 kg	5 Tubular	\$771
Winchester 1200 (28" Barrel)	16 Gauge 2.75"	3.26 kg	5 Tubular	\$781
Winchester 1200 (22" Barrel)	20 Gauge 2.75"	3.05 kg	5 Tubular	\$674
Winchester 1200 (26" Barrel)	20 Gauge 2.75"	3.12 kg	5 Tubular	\$694
Winchester 1200 (28" Barrel)	20 Gauge 2.75"	3.16 kg	5 Tubular	\$704
Winchester 1200 (22" Barrel)	28 Gauge 2.75"	2.92 kg	5 Tubular	\$577
Winchester 1200 (26" Barrel)	28 Gauge 2.75"	2.99 kg	5 Tubular	\$597
Winchester 1200 (28" Barrel)	28 Gauge 2.75"	3.01 kg	5 Tubular	\$607
Winchester 1200 Stainless Marine	12 Gauge 2.75" and 3"	3.13 kg	7 Tubular	\$940
Winchester 1200 Stainless Police	12 Gauge 2.75" and 3"	3.18 kg	7 Tubular	\$940
Winchester 1200 Stainless Civilian	12 Gauge 2.75" and 3"	3.15 kg	5 Tubular	\$939
Winchester 1200 Defender	12 Gauge 2.75" and 3"	3.07 kg	8 Tubular	\$835
Winchester 1200 Camp Defender	20 Gauge 2.75" and 3"	2.49 kg	5 Tubular	\$645
Winchester 1300 Ranger (22" Barrel)	12 Gauge 2.75"	3.4 kg	5 Tubular	\$892
Winchester 1300 Ranger (26" Barrel)	12 Gauge 2.75"	3.47 kg	5 Tubular	\$912
Winchester 1300 Ranger (28" Barrel)	12 Gauge 2.75"	3.51 kg	5 Tubular	\$922
Winchester 1300 Ranger (22" Barrel)	16 Gauge 2.75"	3.25 kg	5 Tubular	\$781
Winchester 1300 Ranger (26" Barrel)	16 Gauge 2.75"	3.32 kg	5 Tubular	\$801
Winchester 1300 Ranger (28" Barrel)	16 Gauge 2.75"	3.36 kg	5 Tubular	\$811
Winchester 1300 Ranger (22" Barrel)	20 Gauge 2.75"	3.15 kg	5 Tubular	\$704
Winchester 1300 Ranger (26" Barrel)	20 Gauge 2.75"	3.22 kg	5 Tubular	\$724
Winchester 1300 Ranger (28" Barrel)	20 Gauge 2.75"	3.36 kg	5 Tubular	\$734
Winchester 1300 Ranger (22" Barrel)	28 Gauge 2.75"	3.02 kg	5 Tubular	\$607
Winchester 1300 Ranger (26" Barrel)	28 Gauge 2.75"	3.09 kg	5 Tubular	\$627
Winchester 1300 Ranger (28" Barrel)	28 Gauge 2.75"	3.11 kg	5 Tubular	\$637
Winchester Defender	12 Gauge 3"	2.95 kg	5 Tubular	\$939
Winchester Black Shadow (26" Barrel)	12 Gauge 3"	3.18 kg	5 Tubular	\$980
Winchester Black Shadow (28" Barrel)	12 Gauge 3"	3.29 kg	5 Tubular	\$990

Weapon	ROF	Damage	Pen	Bulk	SS	Burst	Range
Winchester 1200 (22", 12 GA)	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	5	Nil	47
Winchester 1200 (26", 12 GA)	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	57
Winchester 1200 (28", 12 GA)	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	5	Nil	62
Winchester 1200 (22", 16 GA)	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	43

<b>Winchester 1200 (26", 16 GA)</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	52
<b>Winchester 1200 (28", 16 GA)</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	8	5	Nil	56
<b>Winchester 1200 (22", 20 GA)</b>	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	40
<b>Winchester 1200 (26", 20 GA)</b>	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	48
<b>Winchester 1200 (28", 20 GA)</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	52
<b>Winchester 1200 (22", 28 GA)</b>	PA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	6	3	Nil	36
<b>Winchester 1200 (26", 28 GA)</b>	PA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	7	4	Nil	43
<b>Winchester 1200 (28", 28 GA)</b>	PA	4/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	7	4	Nil	47
<b>Winchester Stainless Marine (2.75")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	38
<b>Winchester Stainless Marine (3")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	43
<b>Winchester Stainless Police (2.75")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	38
<b>Winchester Stainless Police (3")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	43
<b>Winchester Stainless Civilian (2.75")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	38
<b>Winchester Stainless Civilian (3")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	6	4	Nil	43
<b>Winchester Defender (2.75")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	6	Nil	32
<b>Winchester Defender (3")</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	5	6	Nil	36
<b>Winchester Camp Defender (2.75")</b>	PA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	4	6	Nil	27
<b>Winchester Camp Defender (3")</b>	PA	4/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	4	6	Nil	30
<b>Winchester 1300 Ranger (22", 12 GA)</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	7	4	Nil	47
<b>Winchester 1300 Ranger (26", 12 GA)</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or Nil	8	4	Nil	57
<b>Winchester 1300 Ranger (28", 12 GA)</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil or 1-Nil	8	4	Nil	62
<b>Winchester 1300 Ranger (22", 16 GA)</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	43
<b>Winchester 1300 Ranger (26", 16 GA)</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	52
<b>Winchester 1300 Ranger (28", 16 GA)</b>	PA	4/1d6x28 or 2d6x8	2-3-Nil/Nil or Nil	8	4	Nil	56
<b>Winchester 1300 Ranger (22", 20 GA)</b>	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	40
<b>Winchester 1300 Ranger (26", 20 GA)</b>	PA	4/1d6x20 or 2d6x4	2-3-Nil/Nil or 1-Nil	7	4	Nil	48
<b>Winchester 1300 Ranger (28", 20 GA)</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil or 1-Nil	8	4	Nil	52
<b>Winchester 1300 Ranger (22", 28 GA)</b>	PA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	6	3	Nil	36
<b>Winchester 1300 Ranger (26", 28 GA)</b>	PA	3/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	7	4	Nil	43
<b>Winchester 1300 Ranger (28", 28 GA)</b>	PA	4/1d6x16 or 2d6x4	2-Nil/Nil or 1-Nil	7	4	Nil	47
<b>Winchester Defender</b>	PA	4/1d6x24 or 2d6x4	2-3-Nil/Nil/1-Nil	6	4	Nil	36
<b>Winchester Black Shadow (26")</b>	PA	5/1d6x32 or 2d6x8	2-3-Nil/Nil/1-Nil	7	4	Nil	65
<b>Winchester Black Shadow (28")</b>	PA	5/1d6x32 or 2d6x8	2-4-Nil/Nil/1-Nil	8	5	Nil	70