

\$300



STONER

63

A complete small arms
weapons system . . .

Caliber 5.56mm.(.223)

the STONER 63

The STONER 63 Small Arms Weapons System is a state-of-the-art advance in modern tactical armament. The system comprises six separate arms, all built from one common Basic Component Group: 1) Fixed Machine Gun; 2) Light Machine Gun, Belt-Fed; 3) Light Machine Gun, Magazine Fed; 4) Medium Machine Gun; 5) Assault Rifle; and 6) Carbine. These weapons are lightweight, ruggedly constructed, simple to operate and maintain, extremely accurate, mobile and reliable in any terrain or weather condition, and require minimum field logistics.

Designed by Eugene M. Stoner* and produced by Cadillac Gage Company after a comprehensive study of world-wide military standards and small arms requirements, the STONER 63 Weapons System provides versatile unrestricted use in any phase of combat operation.

Chambered for the 5.56 mm. (.223 caliber) round with its known high lethality, the system exploits all of the superior characteristics of the round in the six discrete weapons that best fulfill its design.

All six configurations in the system are fabricated from one common Basic Component Group with interchangeable parts used to build up a particular weapon or, in the field, to repair or convert weapons as necessary. This design feature, plus the use of a common round, offers three primary advantages over any other "system" or group of weapons used anywhere in the world: economy, simplified training, and simplified logistics.

Constructed of sheet steel stampings for ruggedness and economy, and with either reinforced plastic or wood butt and forestocks, the

core of each weapon is the same Basic Component Group which can be easily mass-produced in large quantities. Because the interchangeable assemblies are 81.3% common to two or more configurations, they, too, can be manufactured in quantity from a standard design on standard machine tools. This mass-production and simple assembly-line capability effects the most stringent economy possible.

Because any gun in the STONER 63 Weapons System is simply a selected group of assemblies from the 16 assemblies comprising the entire system, and the Basic Component Group is its common denominator, user training is reduced to a knowledge of the Basic Component Group, memorization of the component assemblies for each particular weapon, and development of the assembly routine for any particular gun. Therefore, if a man understands the Basic Component Group, the number and type of assemblies that make up each weapon and how to assemble them, he is trained to use, repair, and maintain six separate guns.

Any of the six weapons can be repaired or converted to another weapon in minutes *in the field* by using only a cartridge as a tool; no special equipment or accessories are required. For instance, if a rifle or machine gun is damaged or a part lost during combat, that identical part or damaged assembly can be replaced by stripping it from another weapon not currently in use or not critical at the time, or from a minimal supply of spare parts and assemblies carried by the supply groups. And, since all weapons are chambered for the 5.56 mm. (.223 caliber) round, only one type of ammunition need be carried by the logistic supply groups, thereby simplifying ammunition supply to a minimum.

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*Designer of the 5.56 mm. (.223) caliber round and the AR-15 Rifle.



WEAPONS SYSTEM



Fixed Machine Gun



Light Machine Gun, Belt-Fed



Light Machine Gun, Magazine-Fed



Medium Machine Gun



Assault Rifle



Carbine



Basic Component Group

The ability of the STONER 63 Weapons System to meet all small arms needs, its accuracy, reliability, ruggedness, common use of the high-lethality 5.56

mm. (.223 caliber) round, its lower initial cost, easy and less-costly maintenance, and common training feature, make this system unique.

The lightest (10.4 lbs.) and smallest (30-7/16 in. in length) belt-fed machine gun in the world today, the STONER 63 Fixed Machine Gun can be mounted in almost any type of vehicle, either singly or multiply. Since it has extremely light recoil and counter-recoil loads during firing, and very light sustained firing loads, it can be mounted in light structures such as helicopters, but its ruggedness also allows it to be effectively used in tank turrets or pods for ground support aircraft.

Even though lightweight, the Belt-Feed Group on this and all other STONER 63 machine guns provides more than sufficient power to pull 125 rounds of belted ammunition vertically.

Designed to be fired from an open bolt for greater sustained fire, the Fixed Machine Gun can be fired by hand or, with pistol grip and trigger guard removed, remotely-actuated through a trigger linkage by a solenoid, pneumatic system, cable, etc. It has an effective range of more than 1000 meters with a firing rate from 650 up to 850 rounds per minute.

Where vehicle load weight is limited, this weapon has a further advantage in that, by using the 5.56 mm. (.223 caliber) round, more than twice the number of rounds can be carried as compared with the NATO 7.62 mm. round weight. And, in space-limited vehicles, 1.68 times the number of rounds can be carried in the same space when using the 5.56 mm. (.223 caliber) round instead of the 7.62 mm.

FIXED MACHINE GUN



COMPONENTS

Basic component group (with pistol grip and trigger guard removed) plus:

1. Solenoid and trigger linkage
2. Belt feed group (without rear sight)
3. Machine gun barrel assembly (without front sight and carrying handle)

CHARACTERISTICS

Overall Length: 30⁷/₁₆ in.

Overall Weight: 10.4 lbs.

Ammunition Feed: from 150-round pre-packed bandoleer attached to weapon or from an ammunition supply by means of flexible or rigid chuting; attach points on weapon for feed chutes and link ejection chutes

Rate of Fire: 650 to 850 rpm



The belt-fed STONER 63 Light Machine Gun is a rugged, effective weapon easily carried, fired, and maintained by one man. Weighing only 11.9 lbs., it can be fired from any position . . . off-hand, from the hip, or in prone position when attached to a bipod or tripod.

The attached insulated carrying handle enables the gunner to change a hot barrel instantly—while still in firing position—without assistance or the need for a glove or other aids.

The Light Machine Gun fires from an open bolt making greater sustained fire possible. Its automatic fire accuracy was found to be exceptional during comparison tests due to the low recoil of the .223 cartridge. Sights are scale-graduated from 200 to 1000 meters and are adjustable in $\frac{1}{4}$ mil increments

in windage and elevation. The front sight is fully adjustable for zeroing to the rear sight in both windage and elevation. The gun can also be used with a bayonet for hand-to-hand fighting; a bayonet lug and adapter is provided for this purpose.

The light weight of the gun together with the light weight of the 5.56 mm. (.223 caliber) round enables the ammunition carrier to pack four bandoleers (600 rounds of ammunition) weighing a total of 19.6 lbs., the 6-lb. spare barrel kit, and a Stoner Assault Rifle (8.35 lbs. with magazine)—without exceeding the 35-lb. maximum combat weight limit.

This combination of a lightweight machine gun plus lightweight ammunition results in a highly mobile, easily supplied and maintained weapon with superior accuracy and ability to withstand continued front-line use.

LIGHT MACHINE GUN BELT-FED



CHARACTERISTICS

Overall Length: 40 $\frac{1}{4}$ in.
Overall Weight: 11.9 lbs.
Ammunition Feed: from 150-round pre-packed bandoleer attached to weapon or fed directly from 800-round standard M2A1 .50 caliber ammunition box
Rate of fire: 750 rpm

COMPONENTS

Basic component group plus:

1. Belt feed group including rear sight
2. Machine gun barrel assembly and carrying handle
3. Machine gun forestock
4. Bipod
5. Butt stock

CADILLAC GAGE COMPANY



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The magazine-fed Light Machine Gun has all the basic characteristics of the belt-fed Light Machine Gun and weighs 11 lbs. Only the offset sight, magazine adapter, and STONER 30-round detachable magazine are required to convert the belt-fed Light Machine Gun to the magazine-fed weapon. The standard rifle magazines use normal ammunition packaging for interchangeable ammunition supply in the field.

This weapon can also be carried, fired, and maintained by a single gunner firing off-hand, from the hip, or may be used in prone position off the bipod or tripod.

The gun is extremely accurate due to the low recoil inherent in the design of the 5.56 mm. (.223 caliber) round. Designed to be fired from an open bolt, long periods of sustained fire are possible with the weapon. However, a hot barrel can be changed

by the gunner in a matter of seconds from his firing position without any assistance. The magazine-fed Light Machine Gun is also provided with a bayonet lug and adapter for hand-to-hand fighting.

Sights are adjustable in ¼ mil increments in windage and elevation and are graduated on a scale ranging from 200 to 1000 meters. The fully-adjustable front sight can be zeroed to the rear sight in both windage and elevation.

Because both the gun and its ammunition are lightweight, the assistant gunner or ammunition carrier can pack the spare barrel kit (weighing 6 lbs.), 17 30-round box magazines (weighing a total of 20.4 lbs.), and a STONER Assault Rifle (weighing 8.35 lbs. with magazine) without exceeding the 35-lb. combat weight limit. This gives the team greater mobility, ammunition, and flexibility than any other similar weapon in use today.

LIGHT MACHINE GUN MAGAZINE-FED



COMPONENTS

Basic component group plus:

- | | |
|---|---------------------|
| 1. Machine gun barrel assembly including offset front sight and carrying handle | 5. Magazine adapter |
| 2. Machine gun forestock | 6. Magazine |
| 3. Bipod | |
| 4. Butt stock | |

CHARACTERISTICS

Overall Length: 40¼ in.

Overall Weight: 11 lbs.

Ammunition Feed: 30-round detachable rifle magazines

Rate of Fire: 750 rpm



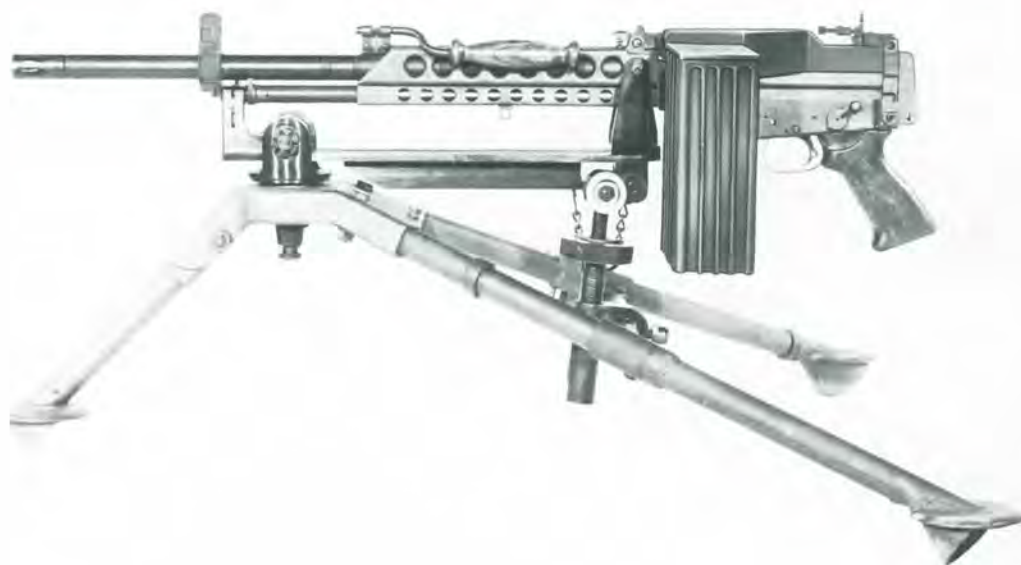
With the Medium Machine Gun weighing a total of 29 lbs. (including gun, cradle adapter, and tripod) and spare barrel kit weighing 6 lbs., only one man is required to carry and maintain this weapon in combat with the exception of ammunition supply. If the gunner were to carry the lightweight weapon, cradle adapter, tripod, and spare barrel, the ammunition carrier or assistant gunner could carry five bandoleers or 750 rounds of 5.56 mm. (.223 caliber) ammunition weighing a total of 24.5 lbs., and a STONER Assault Rifle (8.35 lbs. with magazine) and still be under the 35-lb. maximum combat load. In addition, the total length of the Medium Machine Gun fits well within the median of the triangle formed by the tripod, resulting in unsurpassed stability. This stability contributes to the unusually high accuracy of the weapon as does the low recoil of the 5.56 mm. (.223 caliber) cartridge.

Sustained fire is made possible by the designed-in capacity of the gun to fire from an open bolt. When the barrel does become hot, the gunner can change it in seconds, from a firing position, using the insulated carrying handle attached. No assistance or mechanical aids whatsoever are necessary.

Sights are adjustable in 1/4 mil increments in windage and elevation and are graduated on a scale from 200 to 1000 meters. The fully-adjustable front sight can be zeroed to the rear sight in both windage and elevation.

The Medium Machine Gun, as the belt-fed Light Machine Gun, can be fed from a pre-packed, 150-round STONER plastic bandoleer attached to the gun or directly from an 800-round standard M2A1 .50 caliber ammunition box. Four bandoleers can be packed in this box.

MEDIUM MACHINE GUN



CHARACTERISTICS

Overall Length: 31 in.
Overall Weight: Gun—10 lbs.; mount—17 lbs.; adapter—2 lbs.
Ammunition Feed: from 150-round pre-packed bandoleer attached to weapon or fed directly from 800-round standard M2A1 .50 caliber ammunition box
Rate of Fire: 750 rpm

COMPONENTS

Basic component group plus:

1. Belt feed group including rear sight
2. Machine gun barrel assembly and carrying handle
3. STONER or M2 tripod with cradle adapter

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The STONER 63 Assault Rifle is a lightweight, reliable, rugged weapon that fires semi- or full-automatic. Designed to fire from a closed bolt, the bolt locks open after the last round is fired. This weapon is highly accurate even during full-automatic fire; field testing has proved that it will meet any current military requirements.

The Assault Rifle has a dual-range sight system designed for simplicity and reliability. Basic sight settings are fully adjustable in 1 minute of angle increments in windage and elevation. For ease in adjustment, and to eliminate the need for any tools or accessories, the sights are readily adjusted by using the point of the 5.56 mm. (.223 caliber)

cartridge. Each incremental adjustment is positively locked in place to prevent inadvertent misalignment.

In addition, the Assault Rifle is designed to be used with telescopic and infrared sights, all rifle grenades presently available, with fixed bayonet, or a snap-on bipod can be attached to increase stability and accuracy. The highly efficient flash hider also serves as a grenade launcher.

A conventional, spring-loaded, 30-round detachable box magazine feeds ammunition to the Assault Rifle. Because of the light weight of the rifle and lighter weight of the cartridge, more than twice as many 5.56 mm. (.223 caliber) rounds can be carried than with the average 7.62 mm. rifle system.

ASSAULT RIFLE



COMPONENTS

Basic component group, including hammer and timer, plus:

1. Rifle barrel assembly
2. Rear sight assembly
3. Butt stock
4. Magazine adapter and forestock assembly
5. Magazine

CHARACTERISTICS

Overall Length: 40 $\frac{1}{4}$ in.

Overall Weight: gun—7.9 lbs.; magazine—.45 lbs.

Ammunition Feed: 30-round detachable magazine

Rate of Fire: 660 rpm



Measuring only 26 $\frac{3}{4}$ in. with stock folded, the STONER 63 Carbine is the most compact weapon available in the 5.56 mm. (.223 caliber). Its folding stock feature, short barrel (15.7 in.) and light weight (7.7 lbs.) offers considerable advantages in all kinds of transportation, airborne troop and paratroops use, or for ground movement of troops in space-limited vehicles such as tanks. In addition, it can be used as a machine pistol or in any other situation requiring a compact, semi- or full-automatic weapon. The high accuracy of the Carbine, even under full-automatic conditions, meets all current military requirements.

The STONER 63 Carbine is identical to the Assault Rifle except that the shorter carbine barrel assembly is substituted for the rifle barrel assembly and the

folding butt stock replaces the rifle stock on the same Basic Component Group. The Carbine uses the same forearm, same magazine, same sights, and same 5.56 mm. (.223 caliber) round as the Assault Rifle giving it excellent performance characteristics. It also fires from a closed bolt with the bolt locking open when the last round has been fired.

The simple two-position sights are fully adjustable in windage and elevation in 1 minute of angle increments. Readily adjusted with the point of a cartridge, each increment nonetheless locks reliably in place so that the sight setting cannot be accidentally changed. Telescopic or infrared sights are also adaptable to the STONER 63 Carbine.

The gun can also be used with a fixed bayonet or with a snap-on bipod attached for increased stability and accuracy.

CARBINE



CHARACTERISTICS

Overall Length: 35 $\frac{7}{8}$ in.; 26 $\frac{3}{4}$ in. with stock folded

Overall Weight: gun—7.7 lbs.; magazine—.45 lbs.

Ammunition Feed: 30-round detachable magazine

Rate of Fire: 660 rpm

COMPONENTS

Basic component group, including hammer and timer, plus:

1. Carbine barrel assembly
2. Rear sight assembly
3. Folding butt stock
4. Magazine adapter and forestock assembly
5. Magazine

CADILLAC GAGE COMPANY



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FEATURES



Belt Feed Group has predominantly rolling parts which eliminate sliding friction and gives more than sufficient power to pull 125 rounds of belted ammunition vertically.



The "winter trigger" feature of the STONER 63 Weapons System permits firing even while wearing arctic gloves by simply removing the spring-steel trigger guard.



Lightweight snap-on adjustable bipod can be used on Rifle, Carbine, and both belt-fed and magazine-fed Light Machine Guns for increased stability and accuracy.



Scope sight readily replaces rear Rifle sight by means of a quick-change mount that provides a stable platform.



Grenades can be attached directly to the high-efficiency Flash Hider/Grenade Launcher without any adapter. Shown with snap-on grenade-launching sight.



Complete field strip of STONER 63 Medium Machine Gun can be accomplished in minutes due to simplicity of design and assembly.



Even the STONER 63 Light Machine Gun can be used for hand-to-hand fighting with bayonet attached.

The STONER 63 Weapons System has been designed and engineered for maximum versatility and effectiveness in operation. The weapons comprising the system feature: gas operation • quick barrel change • open bolt fire on all machine guns eliminating the danger of rounds being inadvertently fired by hot barrels • three-position safety and selective fire lever on the rifle and carbine, thumb-actuated and conveniently located for safe, semi-automatic and full-automatic • closed bolt fire on the rifle and carbine • adjustable front and rear sights requiring a cartridge point for windage or elevation adjustment that cannot be misaligned • adaptability to

all secondary small arms attachments now in military use such as optical sights, infrared sights, grenade-launching, bipods, bayonets, etc. • winter trigger • instant field stripping and conversion without tools • low recoil • minimum "climb" and accurate, full-automatic fire on all machine guns • 30-round detachable magazine weighing only .45 lbs. • 150-round plastic bandoleer • capable of mass production through use of common Basic Component Group; incorporation of steel stampings, castings, and a minimum of machined parts; and simplified assembly •



Attached, insulated carrying handle permits hot machine gun barrel to be changed instantly by the gunner—without assistance of any kind and while still maintaining his firing position.



Machine gun rear sight is peep-type, adjustable from 200 to 1000 meters in ¼ mil increments in windage and elevation. Range scale marked in 100-meter increments.



STONER 63 Light and Medium Machine Guns can be fed from 150-round, pre-packed expendable plastic bandoleers, or directly from 800-round-capacity waterproof steel M2A1 ammunition box. Four quick-change bandoleers, each weighing 4.9 lbs. loaded and with web-strap handles for easy disengagement and carrying, can be packed in the standard M2A1 .50 caliber ammunition box.



Dual-range Rifle sight system is fully adjustable in 1 minute of angle increments in windage and elevation. Tapered-post-type front sight zeros to the shooter in elevation using the point of a cartridge for locked-in-place adjustments. Rear sight adjusts for windage.



Standard bayonet attaches quickly to ruggedly-constructed Rifle or Carbine.



Field maintenance of the STONER 63 Assault Rifle is facilitated by rapid take-down and assembly.



When extended, Carbine folding butt stock affords all the comfort and rigidity of a solid stock due to design and self-locking feature which makes gun instantly ready to use. Push button releases stock to fold into compact unit.



Quick-attach disposable plastic bandoleer feeds 150 rounds of ammunition, belted in disintegrating metal links, directly into STONER 63 machine guns. When Belt Feed Group is closed, ammunition is protected from dirt or water.



The weight advantage of the 5.56 mm. (.223 caliber) round over the 7.62 mm. round is clearly illustrated above where 17 rounds of 5.56 mm. ammunition is equal in weight to only 8 rounds of 7.62 mm. ammunition. While 7.62 mm. belted ammunition weighs 6.25 lbs. per 100, the 5.56 mm. (.223 caliber) belted ammunition weighs only 2.94 lbs. per 100 — or less than half. Therefore, any one of the six guns in the STONER 63 Weapons System gives the user better than a 2 to 1 ammunition ratio over the average 7.62 mm. weapon and, in some cases such as the STONER 63 belt-fed Light Machine Gun, greater than 3 to 1.

SYSTEM SUPERIORITY

... in Weapon and Ammunition Weight

When compared to other weapons now in use around the world, the STONER 63 Weapons System offers many advantages extremely important in tactical use.

For comparative purposes, a typical NATO belt-fed light machine gun using the caliber 7.62 mm. ammunition has been characterized and used to evaluate the STONER 63 Light Machine Gun, Belt-Fed, chambered for the 5.56 mm. (.223 caliber) round. A standard two-man firing team has been assumed which, for this analysis, does not carry a rifle or any side arms but is limited to a 35-lb. maximum combat load. Based on this situation, the following comparison can be made which shows that the STONER 63 Light Machine Gun, Belt-Fed, gives a better than 3 to 1 ammunition ratio advantage over the typical NATO light machine gun.

The STONER 63 Light Machine Gun, Belt-Fed, offers a further superiority in a situation where it is either advantageous or necessary for one man to both carry and operate the weapon, but the maximum combat load remains at 35 lbs. Since the combined weight of the typical NATO light machine gun and spare barrel kit is 38 lbs., this weapon could not be used. But with the STONER 63 Light Machine Gun and spare barrel kit weighing only 17.9 lbs. combined, a single man could not only carry the entire weapon, but 581 rounds of ammunition as well.

A comparison can also be made between a typical NATO rifle and the STONER 63 Assault Rifle with a 30-lb maximum combat load imposed. As shown in the table below, a greater than 2 to 1 ammunition ratio over the NATO rifle results when the STONER 63 Assault Rifle and 5.56 mm. (.223 caliber) cartridge are used.

BELT-FED LIGHT MACHINE GUN COMPARISON

	Wt. of Gun	Wt. of Spare Barrel Kit	Wt. of Ammunition Possible to Carry	No. of Rds. Possible to Carry	Total No. of Rds. Possible for 2-Man Team to Carry
STONER 63* Gunner	11.9 lbs.		23.1 lbs.	785	
STONER 63* Asst. Gunner		6 lbs.	29 lbs.	986	1771
NATO** Gunner	24 lbs.		11 lbs.	176	
NATO** Asst. Gunner		14 lbs.	21 lbs.	336	512

* using caliber 5.56 mm. (.223) linked rounds weighing 2.94 lbs./100

** using caliber 7.62 mm. linked rounds weighing 6.25 lbs./100

RIFLE COMPARISON

	Wt. of Gun	Wt. of Loaded Magazine	Wt. of Ammunition Possible to Carry	No. of Rds. Possible to Carry
STONER* Infantryman	7.9 lbs.	1.20 lbs. (30-round)	22.1 lbs. or 18 loaded mags.	540
NATO** Infantryman	9.3 lbs.	1.63 lbs. (20-round)	20.7 lbs. or 12 loaded mags.	240





... in Economy and Producibility

The key to the high production rate and low unit cost of the STONER 63 Weapons System is the interchangeability of components among the six guns and the simplicity of their fabrication. As shown in the accompanying table, the Basic Component Group is common to all six, or 100%, of the weapons. Of the 16 component assemblies, 81.3% are common to two or more guns; 56.3% are common to three or more; and 31.3% are common to four or more guns.

While this correlation is significant computed in terms of component assemblies, the number of actual parts common to the various weapons is even greater.

Designed for high producibility by incorporating the greatest possible number of stampings and castings, the system requires no special production tooling other than rifling equipment. All other equipment required to manufacture the STONER 63 Weapons System can be found in most machine shops. In addition, shop workers need no special training to fabricate parts or assemble complete weapons. With only blueprints and processing sheets, the STONER 63 Weapons System can be produced in any part of the world while still maintaining the highest military standards.

INTERCHANGEABLE COMPONENT ASSEMBLIES OF STONER 63 WEAPONS SYSTEM

	Fixed Machine Gun	Light Machine Gun, Belt-Fed	Light Machine Gun, Magazine-Fed	Medium Machine Gun	Assault Rifle	Carbine
1. Basic Component Group	x	x	x	x	x	x
2. Machine Gun Barrel Assembly	x	x	x	x		
3. Folding Butt Stock		x	x		x	x
4. Bipod		x	x		x	x
5. STONER or M2 Tripod with Cradle Adapter	x	x	x	x		
6. Belt Feed Group	x	x		x		
7. Butt Stock		x	x		x	
8. Machine Gun Rear Sight		x	x	x		
9. Magazine			x		x	x
10. Machine Gun Forestock		x	x			
11. Magazine Adapter and Forestock Assembly					x	x
12. Rear Sight Assembly (Rifle/Carbine)					x	x
13. Solenoid and Trigger Linkage	x			x		
14. Rifle Barrel Assembly					x	
15. Carbine Barrel Assembly						x
16. Magazine Adapter (Machine Gun)			x			

Fixed Machine Gun*

Caliber: 5.56 mm. (.223)
System of Operation: gas; full automatic; open bolt
Cyclic Rate: 650 to 850 rpm.
Overall Length: 30-7/16 in.
Overall Weight: 10.4 lbs.
Barrel Length: 20 in.
Barrel Assembly Weight: 3¾ lbs.
Rifling: right hand twist; 1 turn in 12 in.
Barrel Change: quick

Feed Device: belt; disintegrating link push-through type
Lock: front locking rotary bolt
Muzzle Velocity: 3300 fps.
Muzzle Energy: 1328 ft. lbs.; 55-grain full jacketed bullet
Effective Range: more than 1000 meters
Safety: lever-type

SPECIFICATIONS

Light Machine Gun, Magazine-Fed*

Caliber: 5.56 mm. (.223)
System of Operation: gas; full automatic; open bolt
Cyclic Rate: 750 rpm.
Overall Length: 40¼ in.
Overall Weight: 11 lbs.
Barrel Length: 20 in.
Barrel Assembly Weight: 4 lbs.
Rifling: right hand twist; 1 turn in 12 in.
Barrel Change: quick
Feed Device: detachable box magazine, 30-round capacity

Lock: front locking rotary bolt
Muzzle Velocity: 3300 fps.
Muzzle Energy: 1328 ft. lbs.; 55-grain full jacketed bullet
Sights: 2-position; 200-1000 meter scale
Sight Radius: 22.25 in.
Sight Adjustment: ¼ mil; scale marked for 100-meter increments
Safety: thumb-actuated
Mount: adjustable bipod; tripod; flexible pintle mount

Assault Rifle

Caliber: 5.56 mm. (.223)
System of Operation: gas; selective—full automatic or semi-automatic; closed bolt
Cyclic Rate: 660 rpm.
Overall Length: 40¼ in.
Overall Weight: gun—7.9 lbs.; magazine—.45 lbs.
Barrel Length: 20 in.
Barrel Assembly Weight: 2 lbs.
Rifling: right hand twist; 1 turn in 12 in.
Barrel Change: detachable
Feed Device: detachable box magazine, 30-round capacity

Lock: front locking rotary bolt
Muzzle Velocity: 3300 fps.
Muzzle Energy: 1328 ft. lbs.; 55-grain full jacketed bullet
Sights: 2-position
Sight Radius: 21.4 in.
Sight Adjustment: 1 min. of angle increments in windage and elevation
Safety: thumb-actuated; selective—safe, full automatic, or semi-automatic
Mount: adjustable bipod

*Supplied with a Machine Gun Spare Barrel Kit consisting of:

Barrel Assembly
Cleaning Rod
Barrel Brush

Chamber and Receiver Brush
Gas Cylinder Brush
Combination Tool/Carbon Reamer
Canvas Bag



Light Machine Gun, Belt-Fed*

Caliber: 5.56 mm. (.223)
System of Operation: gas; full automatic; open bolt
Cyclic Rate: 750 rpm.
Overall Length: 40¼ in.
Overall Weight: 11.9 lbs.
Barrel Length: 20 in.
Barrel Assembly Weight: 4 lbs.
Rifling: right hand twist; 1 turn in 12 in.
Barrel Change: quick
Feed Device: belt; disintegrating link, push-through type

Lock: front locking rotary bolt
Muzzle Velocity: 3300 fps.
Muzzle Energy: 1328 ft. lbs.; 55-grain full jacketed bullet
Sights: 2-position; 200-1000 meter scale
Sight Radius: 22.25 in.
Sight Adjustment: ¼ mil; scale marked for 100-meter increments
Safety: thumb-actuated
Mount: adjustable bipod; tripod; flexible pintle mount

Medium Machine Gun*

Caliber: 5.56 mm. (.223)
System of Operation: gas; full automatic; open bolt
Cyclic Rate: 750 rpm.
Overall Length: 31 in.
Overall Weight: gun—10 lbs.; mount—17 lbs.; adapter—2 lbs.
Barrel Length: 20 in.
Barrel Assembly Weight: 4 lbs.
Rifling: right hand twist; 1 turn in 12 in.
Barrel Change: quick
Feed Device: belt; disintegrating link, push-through type

Lock: front locking rotary bolt
Muzzle Velocity: 3300 fps.
Muzzle Energy: 1328 ft. lbs.
Sights: 2-position; 200-1000 meter scale
Sight Radius: 22.25 in.
Sight Adjustment: ¼ mil; scale marked for 100 meter increments
Safety: thumb-actuated
Mount: sub-mount on .30 cal. M2 tripod; flexible pintle mount

Carbine

Caliber: 5.56 mm. (.223)
System of Operation: gas; selective—full automatic or semi-automatic; closed bolt
Cyclic Rate: 660 rpm.
Overall Length: 35⅞ in.; 26¾ in. with stock folded
Overall Weight: gun—7.7 lbs.; magazine—.45 lbs.
Barrel Length: 15.7 in.
Barrel Assembly Weight: 1¾ lbs.
Rifling: right hand twist; 1 turn in 12 in.
Barrel Change: detachable
Feed Device: detachable box magazine, 30-round capacity

Lock: front locking rotary bolt
Muzzle Velocity: 3000 fps.
Muzzle Energy: 1097 ft. lbs.; 55-grain full jacketed bullet
Sights: 2-position
Sight Radius: 21.4 in.
Sight Adjustment: 1 min. of angle increments in windage and elevation
Safety: thumb-actuated; selective—safe, full automatic, or semi-automatic
Mount: adjustable bipod

*Supplied with a Machine Gun Spare Barrel Kit consisting of:
Barrel Assembly
Cleaning Rod
Barrel Brush
Chamber and Receiver Brush

Gas Cylinder Brush
Combination Tool/Carbon Reamer
Canvas Bag



The STONER 63 Small Arms Weapons System was designed by Eugene M. Stoner for Cadillac Gage Company. Mr. Stoner has been recognized for more than ten years as one of the foremost weapon designers in the world. In addition to the caliber 5.56 mm. (.223) round and the AR-15 Rifle, he designed the AR-10 and the AR-16 Rifles, and the U.S. Air Force MA-1 Survival Rifle. His personal experience in dealing with many varied military requirements and test programs all over the world for the past several years has resulted in a keen understanding of small arms needs for military use. The STONER 63 Weapons System was designed to meet those needs.

Cadillac Gage Company is well known for its high-precision, high-quality products with outstanding performance efficiencies. Organized in 1941 to manufacture precision gages of extreme accuracy at a time when unusually close tolerances were of paramount importance, its reputation has continued to the present day. The company operates five plants — located in Michigan, California and West Germany — engaged in research, development, engineering and manufacturing for government agencies and industry. As a subsidiary of Ex-Cell-O Corporation, Cadillac Gage has available the extensive facilities and equipment of a large manufacturer combined with the flexibility and craftsmanship unique to smaller, closely-knit organizations.



**CADILLAC
GAGE COMPANY**

Detroit, Mich. / Costa Mesa, Calif.