

12.7mm Vehicle-mounted
Machine Gun Series
Type **W88**



12.7mm Vehicle-mounted
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▶ General Description

12.7mm Vehicle-mounted Machine Gun Series Type W88 is mainly equipped on various tanks, armored vehicles, and used for attacking low-altitude flying target and light armored vehicle, and suppressing firing points from far a long distance.

▶ Principal Data

<u>Caliber</u>	12.7 mm
<u>Ammunition</u>	12.7 mm API T54 12.7 mm APDS T84 12.7 mm API-T T DVY89 12.7 mm APDS-HEI T DVB89
<u>Muzzle Velocity</u>	800 m/s
<u>Firing Rate</u>	550~800 rds/m
<u>Effective Range</u>	1,500 m (Ground firing status) 1,600 m (Anti-Aircraft status)
<u>Elevation</u>	-15° ~+25° (Ground firing status) -15° ~+80° (Anti-Aircraft status)
<u>Ammunition Box Capacity</u>	60 rounds
<u>Service Life</u>	≥7,000 rounds
<u>Total Weight</u>	39 kg
<u>Total Length</u>	1,640 mm

12.7mm Anti-material Rifle

Type **M99-I/M99-II**



12.7mm Anti-material Rifle Type **M99-I/M99-II**



► General Description

The 12.7mm Anti-material Rifle Type M99-I/M99-II is used for accurately attacking the light-armored vehicles, helicopters, radar antennae, floating mines and personnel targets at ranges of up to 1,500 m. The difference between M99-I and M99-II lies in the length of cartridge.

► Principal Data

Caliber	12.7 mm
Ammunition	
-M99-I	12.7×108 mm
-M99-II	12.7×99 mm
Effective Range	1,500 m
Weight (without sight)	12 kg
Length	1,480 mm
Muzzle Velocity	800 m/s
Magazine Capacity	5
Sight Magnification	×8, ×10

9mm Light Submachine Gun

Type **CS/LS 06**



9mm Light Submachine Gun
Type **CS/LS 06**



▶ General Description

9mm Light Submachine Gun Type CS/LS 06 is an individual combat weapon. It fires 9×19 parabellum pistol cartridge to kill and wound live target within 150m through single shot and continuous fire. The gun is designed with a feed mechanism of double port random loading type spiral projectile casing and a parallel structure in which the barrel is enclosed in the bolt carrier. It features novel and compact structure, comfortable holding, reliable operation, large ammunition capacity, and long sustained fire, etc.

▶ Main data

<u>Caliber</u>	9 mm
<u>Muzzle Velocity</u>	360 m/s
<u>Effective Firing Range</u>	150 m
<u>Length</u>	408.5 mm(with buttstock contracted); 591.5 mm(with buttstock extended)
<u>Overall Weight</u>	2.3 Kg
<u>Firing Accuracy</u>	100 m, single fire $\leq 9\text{cm}$ (fixed mount) 100 m, burst fire $C_y \times C_z \leq 27 \times 27\text{ cm}$ (fixed mount, 70% dispersion)
<u>Magazine Capacity</u>	50 rounds spiral projectile casing
<u>Cartridge</u>	9×19 parabellum pistol cartridge, 9 mm ball cartridge Type DAP92
<u>Failure Rate</u>	$\leq 0.3\%$
<u>Life Time</u>	> 8,000 rounds

9mm Pistol

Type **CF98**



9mm Pistol
Type **CF98**



► Principal Data

<u>Caliber</u>	9 mm
<u>Ammunition</u>	9×19 mm Parabellum
<u>Effective Range</u>	50 m
<u>Magazine Capacity</u>	15 rds
<u>Trigger Pull</u>	
-Single-action	1.5~2 kg
-Double-action	≤ 6.5 kg
<u>Total Weight</u> (with empty magazine)	0.76 kg
<u>Service Life</u>	> 10,000 rds
<u>Malfunction Rate</u>	< 0.2%
<u>Muzzle Velocity</u>	350 m/s
<u>Shooting Accuracy (25m)</u>	R50 ≤ 6 cm, R100 ≤ 15 cm
<u>Safety Block</u>	Double sides, 3 levels
<u>Dimension</u>	190×35×135 mm
<u>Barrel Length</u>	111 mm

9mm Revolver



9mm Revolver



► Principal Data

<u>Caliber</u>	9 mm
<u>Ammunition</u>	9 mm revolver ammo
<u>Muzzle Velocity</u>	200 m/s
<u>Effective Range</u>	50 m
<u>Firing Mode</u>	single/double
<u>Ammo Capacity</u>	6 rounds
<u>Service Life</u>	≥3,000 rounds
<u>Total Weight</u>	≤0.7 kg
<u>Total Length</u>	≤190 mm

Pistol

Type **NP17/NP18**



Pistol
Type **NP17/NP18**



► Principal Data

Type	NP17	NP18
Caliber	9 mm	9 mm
Ammunition	9×19 mm Parabellum	9×19 mm Parabellum
Magazine Capacity	8 rds	14 rds
Muzzle Velocity	330 m/s	336 m/s
Effective Range	50 m	50 m
Dimensions	203×35×138 mm	204×35×135.5 mm
Weight (with empty magazine)	0.94 kg	1 kg



7.62mm Light Machine Gun
Type **81**



7.62mm Light Machine Gun Type 81



▶ General Description

7.62mm Light Machine Gun Type 81 is a main automatic weapon for infantry squad to neutralize the enemy fire points within 600m. It can also fire against enemy airborne troops up to the altitude of 500m.

▶ Principal Data

<u>Caliber</u>	7.62 mm
<u>Ammunition</u>	7.62x39 mm
<u>Muzzle Velocity</u>	735 m/s
<u>Effective Range</u>	600 m
<u>Firing Rate</u>	600~740 rds/m
<u>Drum Capacity</u>	75 rounds
<u>Total Weight</u>	5.15 kg
<u>Total Length</u>	1,024 mm

7.62mm General-purpose
Machine Gun Type **80**



7.62mm General-purpose Machine Gun Type 80



► General Description

The 7.62mm General-purpose Machine Gun Type 80 is a principal weapon for infantry units. It is mainly used as a heavy machine gun (with tripod) with effective range of 1,000 meters, or as a light machine gun (with bipod) with effective range of 800 meters.

► Principal Data

Caliber	7.62 mm
Ammunition	7.62×54 mm (General, Tracer, AP-I)
Muzzle Velocity	840 m/s
Rate of Fire	750 rds/min.
Weight	12.6 kg
Barrel Weight	7.9 kg
Tripod Weight	4.7 kg
Length	1,192 mm
Barrel Length (without flash hider)	605 mm
Field of Fire (for flat trajectory fire)	
-Elevation/Depression	+ 20°/-10°
-Traverse	-30° ~ +30°
Magazine Capacity	100 rds/200 rds
Feed	Link belt

CQ 7.62×51_{mm}
General-purpose Machine Gun



CQ 7.62×51mm
General-purpose
Machine Gun



▶ General Description

The CQ 7.62×51mm General-purpose Machine Gun is used to effectively suppress and neutralize hostile forces within 1,200 m. It can be used as a light or heavy machine gun with a bipod or tripod.

▶ Principal Data

Caliber	7.62 mm
Ammunition	7.62×51mm
Muzzle Velocity	840 m/s
Effective Range	1,200 m
Weight (with bipod)	10.85 kg
Length	1,225 mm
Feed	Link belt
Rate of Fire	600~1,000 rds/min.
Service Life	≥20,000 rds

7.62mm Sniper Rifle
Type **85**



7.62mm Sniper Rifle Type 85



▶ General Description

The 7.62mm Sniper Rifle Type 85 is a semi-automatic weapon against single target within 800 meters.

▶ Principal Data

<u>Caliber</u>	7.62 mm
<u>Ammunition</u>	7.62×54 mm
<u>Muzzle Velocity</u>	830 m/s
<u>Effective Range</u>	800 m
<u>Mechanical Sight</u>	1,200 m
<u>Optical Sight (optional)</u>	1,300 m
<u>Rate of Fire</u>	30~40 rds/min.
<u>Length</u>	1,200 mm
<u>Magazine Capacity</u>	10 rds
<u>Weight</u>	
-Without cartridges, optical sight and cheek rest	3.8 kg
-Without cartridges, with optical sight and cheek rest	4.4 kg
-With cartridges, optical sight and cheek rest	4.6 kg

7.62mm Automatic Rifle
Type **81-1**



7.62mm Automatic Rifle Type **81-1**



► General Description

The 7.62mm Automatic Rifle Type 81-1 is an automatic weapon for infantry units against group or individual targets within 1,500 meters. It can fire various 7.62 mm cartridges and rifle grenades, and penetrate 7 mm steel plate within 200 meters with armor-piercing incendiary or tracer cartridges. It has a foldable metal butt-stock and a removable bayonet (optional).

► Principal Data

<u>Caliber</u>	7.62 mm
<u>Ammunition</u>	7.62×39 mm
<u>Muzzle Velocity</u>	720 m/s
<u>Effective Range</u>	400 m
<u>Rate of Fire</u>	
-Semi-automatic	45 rds/min.
-Automatic	100~115 rds/min.
<u>Length</u>	
-With butt extended, and bayonet	1,105 mm
-With butt extended, without bayonet	955 mm
-With butt folded, without bayonet	730 mm
<u>Weight</u>	
(with empty magazine, bayonet and accessories)	3.5 kg
<u>Magazine Capacity</u>	30 rds

7.62mm Assault Rifles

Type **56**



7.62mm Assault Rifles Type 56



► General Description

The 7.62mm Assault Rifles Type 56 include Type 56 (wooden butt-stock), Type 56-1 (up-folding butt-stock) and Type 56-2 (side-folding butt-stock). They are excellent automatic weapons for individuals.

► Principal Data

<u>Caliber</u>	7.62 mm
<u>Ammunition</u>	7.62×39 mm
<u>Muzzle Velocity</u>	710 m/s
<u>Effective Range</u>	
-Burst	300 m
-Single	400 m
<u>Rate of Fire</u>	
-Burst (2 ~ 3 rds)	90~100 rds/min.
-Single	40 rds/min.
<u>Weight</u>	3.8 kg
<u>Length</u>	
-Type 56	874 mm
-Type 56-1 (stock folded)	645 mm
-Type 56-2 (stock folded)	654 mm

5.56mm Light Machine
Gun Type **97**



5.56mm Light Machine Gun Type 97

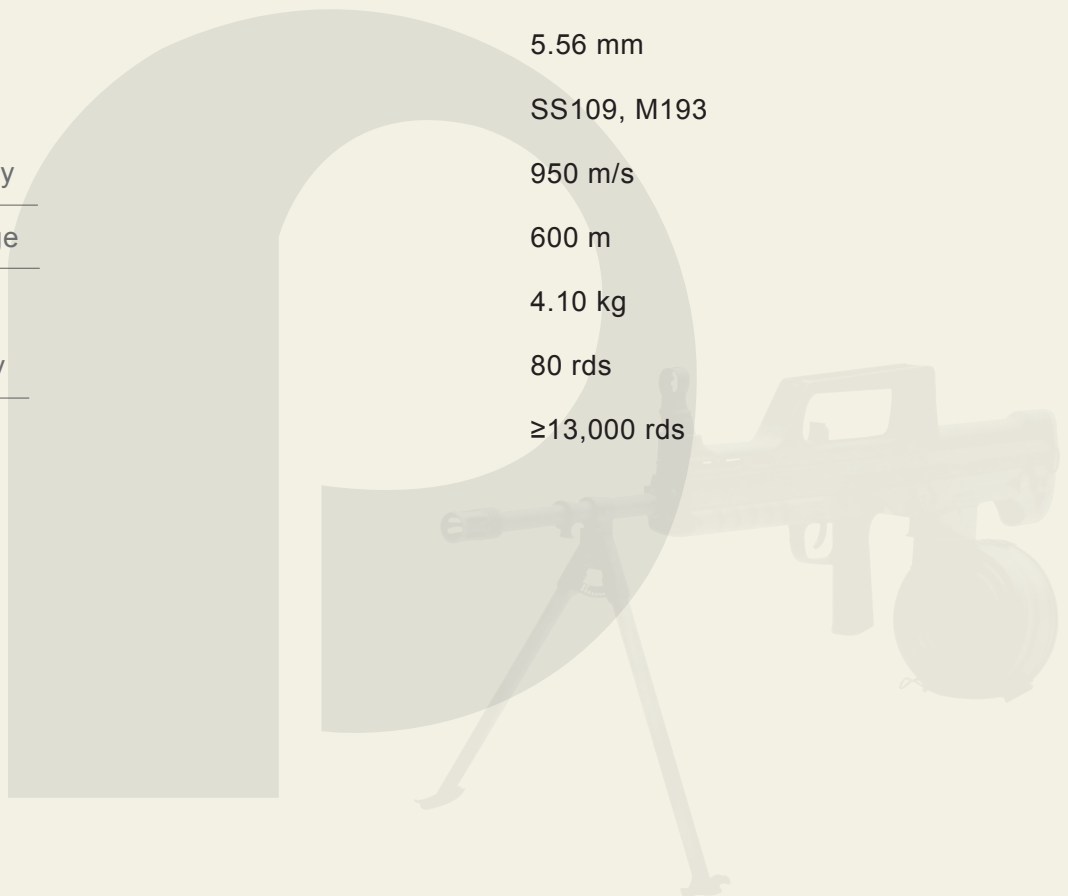


► General Description

The 5.56mm Light Machine Gun Type 97 is used for fire-support purpose within 600 m. Over 70% parts and subassemblies are compatible with 5.56 mm automatic rifle Type 97. Optical and night sights can be fitted.

► Principal Data

<u>Caliber</u>	5.56 mm
<u>Ammunition</u>	SS109, M193
<u>Muzzle Velocity</u>	950 m/s
<u>Effective Range</u>	600 m
<u>Weight</u>	4.10 kg
<u>Drum Capacity</u>	80 rds
<u>Service Life</u>	≥13,000 rds



5.56mm Automatic Rifles
Type **97**



5.56mm Automatic Rifles Type 97

▶ General Description

The 5.56mm Automatic Rifles Type 97 Series include automatic rifle, semi-automatic sniper rifle and short-body automatic rifle.

▶ Principal Data

● Automatic Rifle

Ammunition	5.56 mm SS109, M193
Length	760 mm
Weight	3.5 kg
Effective Range	400 m
Muzzle Velocity	920 m/s
Fire Mode	Single, burst, 3-round
Sight	Mechanical/Optical (optional)
Magazine Capacity	30 rds



with day light sight



with dim light sight (optional)



with 40mm grenade launcher (optional)



● Semi-automatic Sniper Rifle

Ammunition	5.56 mm SS109
Length	920 mm
Weight (with sight)	4.1 kg
Effective Range	800 m
Muzzle Velocity	950 m/s
Sight	Mechanical/Optical (optional)
Magazine Capacity	10 rds



5.56mm Automatic Rifles
Type **97**



● **Short-body Automatic Rifle**

Ammunition

5.56 mm SS109, M193

Length

620 mm

Weight

3.1 kg

Effective Range

300 m

Muzzle Velocity

830 m/s

Fire Mode

Single, burst, 3-round

Sight

Mechanical/Optical

Magazine Capacity

30 rds



CQ 5.56mm

Automatic Rifle



CQ 5.56mm Automatic Rifle



► General Description

The CQ 5.56mm Automatic Rifle is an automatic weapon for infantry units against group or individual targets within 600 meters.

► Principal Data

<u>Caliber</u>	5.56 mm
<u>Ammunition</u>	SS109, M193
<u>Muzzle Velocity</u>	990 m/s
<u>Effective Range</u>	600 m
<u>Length</u>	987 mm
<u>Weight</u> (without magazine and accessories)	3.2 kg
<u>Magazine Capacity</u>	20/30 rds
<u>Magazine Weight (with cartridges)</u>	0.33/0.45 kg

50mm Silent Light Mortar
Type **QLT89**



50mm Silent Light Mortar
Type **QLT89**



▶ General Description

The 50mm Silent Light Mortar Type QLT89 is a light and simple portable weapon that produces no flash, sound or smoke while firing. It is ideal for special operation groups.

▶ Principal Data

Fragmentation Bomb Type DNS89

<u>Weight</u>	700 g
<u>Lethality</u>	
-Effective Radius	≥16 m
-Effective Fragment	>600 pcs
<u>Effective Range</u>	200~800 m

Illuminating Bomb Type DNF99

<u>Illuminating Luminosity</u>	≥ 200 kcd
<u>Illuminating Diameter</u>	≥ 400 m
<u>Illuminating Time</u>	≥ 30 s
<u>Range</u>	≥ 450 m
<u>Height</u>	200~300 m

Smoke Bomb Type DNF/R99

<u>Smoke effect</u>	
-Range	≥15 m
-Thickness (height)	≥3 m
-Duration	≥30 s
<u>Burning Effect</u>	
-Tinder Quantity	≥50 pcs
-Tinder Temperature	≥1,000
-Burning Time	≥15 s

Thunder Flash Bomb Type DNX/G99

<u>Flash Generator Quantity</u>	7
<u>Illumination Strength (20 m)</u>	$5 \times 10^7 \sim 10^8$ lux
<u>Noise Strength (6 m)</u>	160~170 db
<u>Blinding Time</u>	
-Daytime (25m)	10 min.
-Night (25m)	35 min.

Tear Gas Bomb Type DNC99

<u>Tear Agent</u>	CS
<u>Tear Agent Weight</u>	125 g
<u>Effective Area</u>	300 m ²

Training Bomb Type DNX99

<u>Weight</u>	700 g
<u>Effective Range</u>	200~800 m

35mm Automatic Grenade
Launcher Type **QLZ87**



35mm Automatic Grenade Launcher Type **QLZ87**



► General Description

The 35mm Automatic Grenade Launcher Type QLZ87 is a multi-purpose automatic weapon with the performance of single shot and burst fire, direct firing and curved firing, anti-personnel and armor penetration. It has two versions, the light one is equipped with single pod and 6-round drum and the heavy one with tripod and 15-round drum.

► Principal Data

<u>Caliber</u>	35 mm
<u>Ammunition</u>	HE, HEDP
<u>Muzzle Velocity</u>	190 m/s
<u>Max. Range</u>	1,750 m
<u>Effective Range</u>	600 m
<u>Lethality (HE)</u>	
-Number of fragments	≥300
-Effective lethal radius	≥11 m
<u>Armor Penetration (HEDP)</u>	
-RHA/60°	35 mm
-RHA/90°	80 mm
<u>Feed</u>	6/15 drum
<u>Cyclic Rate of Fire</u>	480 rds/min.
<u>Optical Sight</u>	
-Weight	0.9 kg
-Field of view	11°
-Magnification	×3
<u>Weight</u>	
-Light (including sight)	12 kg
-Heavy (including sight and tripod)	20 kg
-Tripod	8 kg
-Drum(6-round, empty)	1.3 kg
-Drum(6-round, loaded)	2.8 kg
-Drum(15-round, empty)	2.3 kg
-Drum(15-round, loaded)	6.0 kg
<u>Elevation</u>	-10° ~ +70°
<u>Traverse</u>	360°