



# W85 12.7mm MG



## TACTICAL MISSION

12,7mm anti-aircraft machine gun type W85, provided for the infantry battalions, is mainly an anti-aircraft firing automatic weapon, but it also could be fired on the ground.

It is mainly used for firing against the low-altitude enemy aircrafts and light-armored transporting vehicles as well as suppressing the fire power of the enemy aircraft or machine guns. It is the chariot-carrying anti-aircraft weapon for 523 wheel-typed armored transporting vehicles.

## PERFORMANCE & FEATURES

12.7mm anti-aircraft machine gun type W85 consists of three major parts, including gun body, gun mount and accessories.

It adopts an automatic mechanism of gas-operated long piston, forced lock with an anti-bounce device, a feeding mode of double strokes.

The main parts of the gun could be disassembled and reassembled rapidly without any tools, it is very convenient





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Caliber	<b>12.7x108mm Machine Gun / 12.7x99mm Machine Gun</b>
Mode	Gas operated
Shooting	Continuous
Feeding	Ammo link
Ammo capacity	60
Total weight	39kg (including ammo box & 60 links)
Weight of ammo box	4kg (w/ 60 links)
Total length	2170mm
Total width	1122mm
Length of gun body	1,755.9 mm (shoulder stock unfolded) 1,502.3 mm(shoulder stock folded)
Barrel length	1043mm
Life span	7000rds
Failure rate	<=0.2%
Muzzle velocity	12.7mm API type 54: 800m/s 12.7mm Tungalloy APDS type 54-1: 1150m/s
Nominal shooting rate	500~700 rds/min (adjustable)
Effective range	Aerial target 1600m Ground target 1500m
Temperature	-45°~50°
Elevation range	-15~25°(in ground firing position) -15~80°(in anti-aircraft firing position)
Set include	1 x Rifle, 1 x Barrel, 1 x Bolt, 1 x Link belt, 6 x 60 rounds ammunition box, 1 x Screwdriver-wrench, 1 x cleaner for gas block chamber, 1 x punch (φ3x40, φ4x45)
	Packing box for gun body 126x44x46cm 2 x Gun bodies inside at 98Kg
	Packing box for gun mount 145x43x53cm 2 x Gun mounts inside at 70Kg
	Packing for ammo box with links belt 117x40x54cm 12 pieces inside at 80Kg