

# Cal. 12.7 x 108 mm MACHINE GUN on TRIPOD T 110 and T 111



**MACHINE GUN on  
FOLDEN Tripod T111**



**MACHINE GUN on  
Tripod T110**



**MACHINE GUN on FOLDEN  
Tripod with Shield T 111**



**MACHINE GUN on FOLDED T111 TRIPOD**

### Specifications:

**Cartridge:** 12.7 × 108 mm  
**Operation:** gas operated  
**Feed:** belt,  
**Firing mode:** automatic fire  
**Sights:** rear: folding leaf  
front: front sight

**Effective range:** 2000 m  
**Maximum range:** 7000 m  
**Weapon length:** 1590 mm  
**Barrel length:** 1065 mm  
**Rate of fire:** 520 to 600 rds/min  
**Weight of weapon:** 33kg  
**Mean expected barrel life:** 7000 rds  
**Weight of tripod:** 60 kg

### **PACKING:**

#### **- Machine gun, Tripod and Accessories:**

**Wooden Box:** 1650 × 560 × 430 mm  
**Net/Gross Weight:** 130/168 kg

#### **- Pallet for 6 products:**

**Dimensions:** 1650 × 1120 × 1410 mm  
**Net/Gross Weight:** 780/1038 kg



**MACHINE GUN on FOLDED T111 TRIPOD  
with Shield and Carriage**

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# Cal. 12.7 x 108 mm MACHINE GUN on Adjustable Tripod T 114 Type



## **Specifications:**

**Cartridge:** 12.7 × 108 mm  
**Operation:** gas operated  
**Feed:** belt,  
**Firing mode:** automatic fire  
**Sights:** rear: folding leaf  
front: front sight

**Effective range:** 2000 m  
**Maximum range:** 7000 m  
**Weapon length:** 1590 mm  
**Barrel length:** 1065 mm  
**Rate of fire:** 520 to 600 rds/min  
**Weight of weapon:** 33 kg  
**Mean expected barrel life:** 7000 rds  
**Weight of tripod:** 60 kg

## **PACKING:**

- Machine gun, Tripod and Accessories:  
**Wooden Box:** 1650 × 560 × 430 mm  
**Net/Gross Weight:** 135/ 173kg  
- Pallet for 6 products:  
**Dimensions:** 1650 × 1120 × 1410 mm  
**Net/Gross Weight:** 810/1068 kg

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# Cal. 12.7 x 108 mm MACHINE GUN on T 115 LIGHT TRIPOD



**Two MACHINE GUN  
on Light Tripod T115**



**MACHINE GUN  
on cradle**

## **Specifications:**

<b>Cartridge:</b>	12.7 × 108 mm
<b>Operation:</b>	gas operated
<b>Feed:</b>	belt
<b>Firing mode:</b>	automatic fire
<b>Sights:</b>	rear: folding leaf front: front sight
<b>Effective range:</b>	2000 m
<b>Maximum range:</b>	7000 m
<b>Weapon length:</b>	1590 mm
<b>Barrel length:</b>	1065 mm
<b>Rate of fire:</b>	520 to 600 rds/min
<b>Weight of weapon:</b>	33 kg
<b>Mean expected barrel life:</b>	7000 rds

## **I USE**

The T115 Infantry Tripod provides a stable mount for the Heavy Machine Guns, and it allows a higher degree of accuracy and control. The tripod assembly provides a stable and relatively lightweight base. The tripod may be extended and folded without difficulty. It consists of a tripod head, one front leg and two rear legs, and traversing bar. Also the cradle for Machine Gun, equipped with hand-arm system. The traversing bar connects the two rear legs. The traversing bar is hinged with two sleeve latch. This allows the tripod to fold to a closed position for carrying or storage, or to lock in an open, extended position for use.

## **II WEIGHT AND DIMENSIONS**

Complete weight, including cradle: 32 kg. Tripod, without cradle: 13 kg.  
Open and fully extended:  
Length: 1470 mm; Width: 760 mm; Height: 730 mm.  
Packed ready for transport:  
Tripod: Length: 1020 mm; Width: 200 mm; Height: 210 mm.  
Cradle: Length: 900 mm; Width: 280 mm; Height: 450 mm.

## **III PACKING**

2(Two) T115 Infantry Tripod in one wooden box.  
Wooden box dimensions: 1310x540x400 mm  
Wooden box gross weight: 98 kg

# Cal. 12.7 x 108 mm MACHINE GUN on VEHICLE MOUNT

## Cal. 12.7 x 108 mm MACHINE GUN GENERAL INFORMATION



### Specifications:

<b>Cartridge:</b>	12.7 x 108 mm
<b>Operation:</b>	gas operated
<b>Feed:</b>	belt,
<b>Firing mode:</b>	automatic fire
<b>Sights:</b>	rear: folding leaf front: front sight
<b>Effective range:</b>	2000 m
<b>Maximum range:</b>	7000 m
<b>Weapon length:</b>	1590 mm
<b>Barrel length:</b>	1065 mm
<b>Rate of fire:</b>	520 to 600 rds/min
<b>Weight of weapon:</b>	33 kg
<b>Mean expected barrel life:</b>	7000 rds
<b>Weight of Vehicle Mount:</b>	76 kg

### **PACKING:**

<b>- Machine gun, Vehicle Mount and Accessories:</b>	
Wooden Box:	1650 x 560 x 430 mm
Net/Gross Weight:	137/175kg
<b>- Pallet for 6 products:</b>	
Dimensions:	1650 x 1120 x 1410 mm
Net/Gross Weight:	822/1050 kg

### **OPERATION**

The machine gun is a gas operated, belt fed, air cooled machine gun that fires from an open bolt and in automatic mode only. The gas piston and chamber are located below the barrel; the gas piston is of the long stroke type, and is attached to the bolt carrier. The gas chamber is fitted with a gas regulator that can be adjusted. The bolt, of rectangular cross-section, locks into the receiver with two outwardly pivoting flaps. These flaps are pushed outwards from the bolt to lock it by the enlarged firing pin, which in turn is operated by the vertical projection on the bolt carrier. The rear of the receiver houses two spring buffers, one for the bolt and one for the bolt carrier.

### **SAFETY**

The machine gun has a safety lever, with two positions:

- safe
- automatic fire

### **SPARE BARRELS**

The heavy barrel is finned for better cooling, and is fitted with a large muzzle brake. The barrel can be detached from the weapon. It is screwed into the front of the receiver, and then fixed there by the cross-bolt, which is also screwed in place.

### **FEED**

The ammunition feed is via non-disintegrating steel belts, from the left side. Belt feed uses simplified slider-type belt traction unit, powered through the swinging arm. Spent cartridges are ejected down through openings in the receiver and bolt carrier. Link belts have 50 rounds and feed from a 100 rds. belt box, fixed on the mount. The machine gun is fitted with dual spade grips at the back of the receiver, and a dual trigger. Charging handle is also shaped as a spade grip, and is located horizontally below and between spade grips.

### **SIGHTING SYSTEM**

The sighting equipment is an open sight adjustable for range (up to 3500 m in 100 m increments) and windage. Additional anti-aircraft sights are installed for AA use and a shoulder support.

### **MOUNT**

The standard mount is a universal setup, which can be used for both ground and AA roles. This mount consists of three folding legs, which form a tripod for ground and AA applications.

Optionally the mount can be fitted with:

- detachable two-wheel base
- armored shield

In the AA role, both wheels and shield will be detached from the mount.

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# Cal. 12.7 x 108 mm MACHINE GUN on MULTIFUNCTION T 119 MOUNT



**I USE:** 12.7 x 108 Machine Gun can be used in several roles, as an anti-aircraft weapon or as an infantry heavy support weapon. It can be also mounted in vehicle turrets. T119 mount offers the possibility to cover the most of needs, fixed on vehicle (boat) or dismounted and put on the ground. For shooting against ground and air targets, cartridges are used with armour-piercing incendiary bullets API, armour-piercing tracer bullets API-T and other types of bullets such as BALL, AP, T, APT, HC-API.

## II ESSENTIAL DATA

- Caliber:	12.7 × 108 mm
- Firing mod:	automatic
- Rate of fire (normal conditions):	450 ÷ 600 rds/min
- Medium Velocity at 25:	820 m/s
- Weight:	
12.7x108 M.G.	33 kg
T 119 Mount	86 kg
- Overall dimensions:	
- length	1560 mm
- barrel length	1065 mm
- height	adjustable
- Action:	gas operated
- Effective range:	2000 m
- Maximum range:	7000 m
- Feed system:	10 or 50 round belts
- Sights:	mechanical

## IV PACKING

Wooden box dimensions (Lxlxb):	1770 x 780 x 700 mm
Net/Gross weight (including PSA):	140/202 kg

# Cal.12.7 x 108 mm MACHINE GUN on T127 SOFT MOUNT



## Cal. 12.7 x 108 mm MACHINE GUN on T 127 SOFT MOUNT



### Specifications:

<b>Cartridge:</b>	12.7 × 108 mm
<b>Operation:</b>	gas operated
<b>Feed:</b>	belt
<b>Firing mode:</b>	automatic fire
<b>Sights:</b>	rear: folding leaf front: front sight
<b>Effective range:</b>	2000 m
<b>Maximum range:</b>	7000m
<b>Weapon length:</b>	1590 mm
<b>Barrel length:</b>	1065 mm
<b>Rate of fire:</b>	520 to 600 rds/min
<b>Weight of weapon:</b>	33 kg
<b>Mean expected barrel life:</b>	7000 rds

**Soft Mount: solution for recoil  
absorbing more than 70%**



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