



# MORTAR 120 MM



REF.1212 BROCHURE



# **MORTAR 120 MM**

## **PRINCIPAL FEATURES 1**

The 120 mm mortar having high-performance characteristics is capable of firing any type of the 120 mm mortar rounds.

This mortar is transported in its assembled condition by a special two-wheeled carriage (which can be towed by any suitable vehicle) and, in this way, it is dismounted on the new position assembled and ready for action.





# **MORTAR 120 MM**

## **PRINCIPAL FEATURES 2**

High accuracy and reliability, long range of 9 km, high rate of fire (18 rounds/min maximum), rugged construction, high mobility, simplicity of operation and maintenance, high fire power and great lethality are some of the main features of this mortar.

Furthermore, this mortar incorporates a significant safety feature by employing a firing pin which can easily be retracted in case of a misfire.

The barrel, which has a smooth fine-tolerance bore, is made of special high-strength forged steel with good mechanical properties at high and low temperatures.

The steel base plate is of circular shape with four welded ribs on the underside for reinforcement and prevention of slipping. The mortar can have a 360° arc of fire without need to move the base plate.

The sight used with this mortar is the M53A1 type.

The weapon is supplied with two aiming posts and their tritium lights as well as a complete field-service kit.



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## SPECIFICATIONS 1

Calibre:	120 mm
Range, min./max:	600/9000 m
Rate of fire maximum:	18 rounds/min
Rate of fire sustained:	4 rounds/min
Elevation:	40° to 85°
Arc of fire:	360°
Traverse at 45° elevation:	±8°
Max. operating gas pressure:	1800 bar
Design gas pressure:	2380 bar
Total mass without sight:	266 kg
Barrel with breech plug	
Mass:	98 kg
Length:	2030 mm
Bipod mount	
Mass:	65 kg
Length (folded):	1350 mm
Base plate	
Mass:	103 kg
Diameter:	1000 mm



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## SPECIFICATIONS 2

Sight (provided with illuminating apparatus and case)

Type:	M53A1
Mass:	2.9 kg
Magnification:	4X
Field of view:	10°
Eyepiece axis:	90°
Telescope vertical tilt:	±300 mil
Elevating arc:	-200 to 1600 mil
Traversing arc:	0 to 6400 mil

### Carriage

Mass:	165 kg
Length:	3150 mm
Width:	1115 mm



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