



01 / SYSTEM OVERVIEW

M46/130 to 155 mm/45

155 mm/45 calibre gun converted from 130 mm M46



FIG 01 PRODUCT CONFIGURATION

3 rounds/min

MAXIMUM RATE OF FIRE

7800 kg

COMBAT WEIGHT

30.3 km

MAXIMUM RANGE WITH HE ERFB

1–2 rounds/min

NORMAL RATE OF FIRE

01.1 / OVERVIEW

Conversion of the 130 mm M-46 gun into a 155 mm/45 calibre fire support weapon by replacing the barrel, breech block and muzzle brake, redesigning the counter-recoil sealing system and fitting a new sighting system, giving a 34% increase in range while retaining crew training, operation and maintenance similar to the original gun.

TYPE

Artillery gun

CALIBRE

155 mm

STANDARD

NATO

PROCUREMENT AND COMPLIANCE

Supply is exclusively for government and institutional end-users. Availability is subject to destination screening, a state-issued export licence and a verified End-User Certificate.



02 / TECHNICAL SPECIFICATION

TECHNICAL DATA

M46/130 to 155 mm/45 / WEAPON SYSTEM

DIMENSIONS AND MASS

Combat weight	7800 kg
Length in travelling position	11,170 mm
Height in travelling position	2650 mm
Width in travelling position	2400 mm
Clearance	400 mm
Line-of-fire height	1380 mm
Travelling weight	8428 kg
Recoil-parts weight	2930 kg
Elevation-parts weight	3860 kg

PERFORMANCE AND OPERATION

Field of action in traverse	50° total (25° left and right)
Field of action in elevation	-2° to +45°
Maximum range with HE ERFB	30.3 km
Maximum range with HE ERFB-BB M03	39 km
Range increase over standard M-46	34%
Maximum rate of fire	3 rounds/min
Maximum rate with optional pneumatic rammer	3-4 rounds/min
Normal rate of fire	1-2 rounds/min
Sustained rate of fire	60 rounds in the first hour

CONFIGURATION AND SUPPORT

Ammunition compatibility	All standard 155 mm NATO ammunition
Sighting system	New optical-sight reticle in NATO mils (1/6000 or 1/6400)
Crew	8+1



TECHNICAL DATA

M46/130 to 155 mm/45 / WEAPON SYSTEM

ADDITIONAL TECHNICAL DATA

Barrel conversion	155 mm / 45-calibre barrel with new breech-block assembly and twin-chamber cast muzzle brake
Optional equipment	Pneumatic rammer and integrated FCS with weapon display