



01 / SYSTEM OVERVIEW

M16

107 mm towed multiple rocket launcher M16



FIG 01 PRODUCT CONFIGURATION

107 mm

BARREL CALIBRE

8600 m

M15 ROCKET MAXIMUM RANGE

**Up to 60 / 30 / 10
km/h**

LOADED-LAUNCHER SPEED (FIRST-CLASS
/ POOR ROAD / OFF-ROAD)

1285 / 1890 kg

LAUNCHER WEIGHT IN COMBAT POSITION
(UNLOADED / LOADED)

01.1 / OVERVIEW

Towed 32-tube 107 mm multiple launch rocket system used by land artillery to deliver sudden and rapid fire against high-value and large area targets on land and water, including sheltered and unsheltered troops and weapons, assembly areas, convoys, artillery and mortar firing positions, air and amphibious assaults, and command posts and communication centres within range.

TYPE

Towed rocket launcher

CALIBRE

107 mm

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

M16 / WEAPON SYSTEM

DIMENSIONS AND MASS

Barrel calibre	107 mm
Lanyard length	25 m
Tube length	912 mm
Launcher length (combat / travelling)	3750 / 4150 mm
Launcher width (combat / travelling)	3500 / 2260 mm
Launcher height (0° / 48° elevation)	1590 / 1900 mm
Travelling clearance	268 mm
Wheel track	2035 mm
Launcher weight in combat position (unloaded / loaded)	1285 / 1890 kg
Launcher weight in travelling position with SPTA (unloaded / loaded)	1345 / 1985 kg
Weapon SPTA kit weight	~60 kg
Battery SPTA kit weight	~40 kg
M15 rocket length with fuze	827 mm
M15 rocket weight	18.6 kg
M15 rocket warhead explosive weight	1.250 kg

PERFORMANCE AND OPERATION

Field of action in traverse	±20°
Field of action in elevation	0° to 48°
Laying in traverse and elevation	Manual and semi-automatic
Operating temperature range	-30°C to +50°C
Single-fire rate from one tube	3–5 rounds/min
Launcher loading time	3 min
Loaded-launcher speed (first-class / poor road / off-road)	Up to 60 / 30 / 10 km/h
M15 rocket maximum range	8600 m



TECHNICAL DATA

M16 / WEAPON SYSTEM

CONFIGURATION AND SUPPORT

Crew	6 servicemen and squad commander
Travel-to-combat transition with loading	7 min

ADDITIONAL TECHNICAL DATA

Number of tubes	32
Bore	Smooth
Ripple-fire interval	0.3–1.5 s
Combat-to-travel transition	2 min
M15 rocket warhead	High explosive
M15 rocket fuze	UTI M84
M15 rocket propellant	Double-base nitroglycerine rocket fuel
M15 rocket electric primer	EK M15



CONFIGURATION VIEWS

M16 / SUPPLEMENTARY CATALOGUE VIEWS

FIG 02 / loaded muzzle end



FIG 03 / rockets in crate

