



01 / SYSTEM OVERVIEW

M09

105 mm armoured truck-mounted self-propelled howitzer M09



FIG 01 PRODUCT CONFIGURATION

6–8 rounds/min

MAXIMUM RATE OF FIRE

90 km/h

MAXIMUM ROAD SPEED

12,000 kg

FULLY LOADED WEIGHT

M09 105 mm

DESIGNATION

01.1 / OVERVIEW

A 105 mm self-propelled truck-mounted fire support howitzer with an armoured cabin, a 2+2 smoke box launcher, manual loading, a crew of five, a 44-round combat set, a maximum rate of fire of 6-8 rounds per minute and 450 km of vehicle autonomy.

TYPE
Howitzer

CALIBRE
105 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

M09 / WEAPON SYSTEM

DIMENSIONS AND MASS

Overall length	6850 mm
Width (travelling / combat)	2300 / 4250 mm
Height	3150 mm
Fully loaded weight	12,000 kg
Barrel length	3500 mm

PERFORMANCE AND OPERATION

Maximum rate of fire	6–8 rounds/min
Maximum road speed	90 km/h
In-action / out-of-action time	120–150 s
Maximum pressure	2630 bar
Maximum projectile velocity	675 m/s with HE-ER BT projectile

CONFIGURATION AND SUPPORT

Loading system	Manual
Crew	5
Crew ballistic protection	7.62×39 mm FMJ and artillery-projectile fragmentation
Ammunition compatibility	All types of 105 mm NATO ammunition



TECHNICAL DATA

M09 / WEAPON SYSTEM

ADDITIONAL TECHNICAL DATA

Designation	M09 105 mm
Combat set	44 rounds
Fire-control system	AFCCS (optional)
Vehicle autonomy	450 km
Firing direction	Rearward
Trail operation	Manual
Aiming	Manual
Secondary weapon	12.7 mm machine gun on an armoured turret
Muzzle brake	Double baffle
Breech mechanism	Horizontal sliding wedge
Barrel life	7500 rounds with standard HE M1 round