



01 / PRODUCT OVERVIEW

M88

152 mm HE round M88 with reduced variable propellant charge M77



FIG 01 PRODUCT CONFIGURATION

13400 m

MAXIMUM RANGE

152 mm

CALIBRE

511 m/s

PROJECTILE MUZZLE VELOCITY

43.56 kg

PROJECTILE MASS, TABULAR

01.1 / OVERVIEW

A separately loaded 152 mm round combining a TNT-filled high-explosive projectile M88 with a reduced variable propellant charge M77, fired from the 152 mm gun-howitzer D-20 and the 152 mm gun-howitzer M1937 against personnel, light fortifications and unarmoured or lightly armoured vehicles.

TYPE

HE

CALIBRE

152 mm

STANDARD

Eastern

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

M88 / AMMUNITION

IDENTITY AND CONSTRUCTION

Calibre	152 mm
Projectile muzzle velocity	511 m/s
Projectile length, with fuze	max 710 mm
Projectile mass, tabular	43.56 kg
Cartridge case length	max 547.5 mm
Cartridge case mass	7.5 kg
Fuze	UTIU M72B1, instant or delay action
Filling	TNT

BALLISTIC PERFORMANCE

Mean maximum pressure of powder gases	≤ 2059 bar
Maximum range	13400 m
Operating temperature	-30 to +50 °C

DIMENSIONS, MASS AND SUPPLY

Explosive charge mass	5.94 kg
Propellant charge mass	4.19 kg

ADDITIONAL TECHNICAL DATA

Primer	gun primer KT M71
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