



01 / PRODUCT OVERVIEW

GRAD 2000

122 mm long-range HE artillery rocket GRAD 2000



FIG 01 PRODUCT CONFIGURATION

122 mm

CALIBRE

**38.4 km at 50 deg
elevation**

RANGE

68.3 kg

TOTAL MASS

2925 mm

LENGTH

01.1 / OVERVIEW

Unguided 122 mm high-explosive rocket with single cylindrical grain motor reaching 38.4 km at 50 deg and 40 km at the optimal 55 deg elevation.

TYPE
HECALIBRE
122 mmSTANDARD
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

GRAD 2000 / AMMUNITION

IDENTITY AND CONSTRUCTION

Calibre	122 mm
Warhead mass with fuze	19.1 kg

BALLISTIC PERFORMANCE

Range	38.4 km at 50 deg elevation
Range at optimal elevation	40 km at 55 deg elevation
Temperature range	-30 to +50 deg C

DIMENSIONS, MASS AND SUPPLY

Length	2925 mm
Total mass	68.3 kg
Propellant mass	27.3 kg

ADDITIONAL TECHNICAL DATA

Motor total impulse	62250 Ns
Motor specific impulse	2280 Ns/kg (232 s)
Motor	Single combustion chamber, single cylindrical grain