



01 / SYSTEM OVERVIEW

MLRS 122

122 mm container-type multiple launch rocket system



FIG 01 PRODUCT CONFIGURATION

122 mm

CALIBRE

0.4 s to 2 s between two rocket launches; 10 to 40 s for 1 container, 20 to 80 s for 2 containers

RATE OF FIRE

2 x 20 launch containers with reusable 122 mm steel launching tubes

LAUNCHING MODULE

20 km with GRAD BM21 9M22U; 40 km with G 2000; 50 km with new 122 mm rocket

RANGE

01.1 / OVERVIEW

Container-type 122 mm multi-barrel rocket launcher on a 4x4 vehicle, with 2 x 20 reusable launch tubes, ballistic computer and GPS/INS orientation.

TYPE

Multiple launch rocket system

CALIBRE

122 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

MLRS 122 / WEAPON SYSTEM

DIMENSIONS AND MASS

Calibre	122 mm
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PERFORMANCE AND OPERATION

Range	20 km with GRAD BM21 9M22U; 40 km with G 2000; 50 km with new 122 mm rocket
Field of action in azimuth	+/-100 deg (depending on the vehicle)
Field of action in elevation	0 to 55 deg
Rate of fire	0.4 s to 2 s between two rocket launches; 10 to 40 s for 1 container, 20 to 80 s for 2 containers
Time from transport to firing position	up to 60 s plus weapon orientation time
Time from firing to transport position	30 s
Orientation time at prepared firing position	less than 20 s with GPS; less than 10 s with INS after initialisation; less than 10 min with optical devices
Temperature range of use	-30 deg C to +55 deg C

ADDITIONAL TECHNICAL DATA

Launching module	2 x 20 launch containers with reusable 122 mm steel launching tubes
Firing mode	Single or ripple, via the fire control unit from the driver's cabin or from shelter via a 75 m cable
Movement modes	Automatic, semi-automatic and manual in azimuth and elevation
Orientation and navigation	GPS, INS (optional), optical sight (back up) and theodolite
Carrier	4x4 military vehicle