



# TAMNAVA - G

## Self-propelled multiple launch rocket system 122 mm



The 122 mm MLRS is designed as a system which has the possibility of using launch pods equipped with all versions of 122mm rockets.

The 122 mm MLRS is a completely automated weapon equipped with INS and it can perform a preset mission with full autonomy.

The basic version uses disposable launch pods. The 122 mm MLRS is capable of receiving two spare 122 mm launch pods. The system is (un)loaded with a hoisting device mounted on the platform. Another option is to use reusable launch tubes.



## Basic technical data

Range	40,1 km - GRAD 2000 27,5 km - GRAD M 20,1 km - GRAD
Caliber	122 mm
Launching device	Disposable launch pods/optionally with reusable launch tubes
Number of tubes per one launch module	24 (122 mm)
The launch modules are designed for	<ul style="list-style-type: none"><li>• Giving direction when launching</li><li>• Locking the rocket during transport</li><li>• Electrical ignition of the rocket motor</li><li>• Stowage and storage</li></ul>
Operating temperature range	-30°C to +50°C
Operating range	<ul style="list-style-type: none"><li>• Elevation 0° - 60°</li><li>• Traversing ±110°</li></ul>
Elevation and traverse	<ul style="list-style-type: none"><li>• Automatic</li><li>• Semi-automatic</li></ul>
Accuracy of elevation and azimuth angles	±00-01 (64-00 division)
Accuracy of MLRS position	±1 m
Accuracy of MLRS orientation in firing position	± 00-01
Angular rate	<ul style="list-style-type: none"><li>• Elevating mechanism: 1°/s max</li><li>• Traversing mechanism: 3°/s max</li></ul>
Vehicle	8 x 8 KAMAZ 6560 with armored cabin
Crew	Three, accommodated in the truck cabin
Loading	With standard loading/unloading lifting device on the utility vehicle or auto-loading the spare pods accommodated on the platform
Weapon stabilization during firing	By means of four legs for eliminating the system elasticity
Orientation and navigation	INS and GPS
Combat mission	Autonomous
Slope correction	Automatic, using a special device – up to 5°
Electronic trigger	<ul style="list-style-type: none"><li>• Burst fire with the selection of variable time intervals: 0.3 s to 1.5 s with a 0.1 s time interval</li><li>• Single fire</li><li>• Firing from the truck cabin or from the shelter at the distance of 25 m</li></ul>
Time to prepare for firing	120 s
Time to retreat	60 s
Protection and camouflage	Camouflage tarpaulin, mechanized tarpaulin protection – option
Weight	≤ 38 t
Size	<ul style="list-style-type: none"><li>• Length (max) 10360 mm</li><li>• Width (max) 2850 mm</li><li>• Height (max) 3570 mm</li></ul>
Transport	Railway, trailer, ship, aircraft