



MLRS G-2000SL / SL+ 122mm

Unguided rockets that redefine long-range capabilities

EDePro developed the G-2000SL, a top-performing rocket in the 122 mm calibre, featuring the longest range in its class at 46 km and equipped with a highly efficient warhead. An upgraded version of the G-2000SL rocket, the G-2000SL+, has a range of 41 km and a highly powerful warhead containing a high density of dual-type pre-formed fragments. Together, the G-2000SL series delivers extended range, high efficiency, and seamless compatibility across existing 122mm launching platforms, enabling effective engagement in contemporary combat scenario.

MAIN SPECIFICATIONS

- Ø Calibre: 122 mm
- ◇ Range: 41-46 km
- ⚖ Takeoff mass: 67.8 / 72.4 kg
- ↔ Length: 2875 / 2975 mm



Tactical Use

G-2000SL / SL+ rockets are originally designed by EDePro with mission to defeat enemy motor-rifle and infantry units in concentration areas, on the march and in the battle formations, artillery and mortar batteries, air defense units and logistics facilities up to the range of 46km.

Warhead Type

G-2000SL rocket has new warhead of 18.4kg mass which is HE-fragmentation with improved efficiency - higher lethal radius and better fragmentation as well as aerodynamic design. With a 23 kg mass HE warhead, the G2000SL+ rocket has an improved efficiency - a larger radius, better fragmentation, and a more aerodynamic design.

Launcher Type

G-2000SL rocket series is fully functional with BM-21, RM-70 and all launchers that support original GRAD rocket.

New Composite Solid Propellant Solution

Propellant grain is a single piece of cylinder shape, which is inhibited along the outer surface and front end. It contains two types of propellant, which differ in the burning rate. This advancement has resulted in a high-level loading factor, almost neutral burning with minimized sliver.



MAIN TACTICAL AND TECHNICAL PERFORMANCES

Parameters	9M22U/M-210F	G-2000SL	G-2000SL+	Unit
Calibre	122	122	122	mm
Length	2875	2875	2975	mm
Initial mass	66	67.8	72.4	kg
Maximal range (Xe)	20	46	41	km
Temperature range	-30 ÷ +50	40 ÷ +60	40 ÷ +60	°C
Fuse designation	MRV-U	MRV-U	MRV-U	-
Warhead type	HE-frag M-210F	new HE-frag SL	new HE-frag S	-
Warhead's mass (with MRV-U fuse)	19.1	18.4	23	kg
Number of W.H. fragments	3920	5000	5930	pcs
Ready-made (weighing 5g)	0	0	430	pcs
Ready-made (weighing 3g)	2280	2500	5500	pcs
Type of explosive filling	TNT	TNT	TNT	-
Warhead lethal radius	25	35	35	m
Type of propellant	double base	solid-composite	solid-composite	-
Propellant's mass	20.45	27	27	kg
RM's burning time	2.0	2.4	2.4	s
RM's total impulse	39700	62500	30550	Ns
RM's specific impulse	1940	2350	2350	Ns/kg
Max velocity at max range (Xe)	690.6	1118	1029	m/s
Apogee	7100	20583	18452	m
Time of flight at max range (Xe)	76	133	126	s
CEP at max range (Xe)	1.27	< 1	< 1	%

G-2000SL - Display Model

