



هيئة التصنيع العسكري
Military Industry Corporation
MIC - Sudan
السودان

122mm Multiple Rocket Launcher System - Type 81 MRL03



Technical Specifications :

Caliber	122 mm
Number of barrels	40 barrels
Operating temperature range	- 20 to 60 °C
Ready-to-fire preparation time	100 s
Direction range	±125°
Elevation range	1° to 55°
Error of positioning of rocket launching box:	
• In elevation	≤1 mil
• In direction	≤1 mil
Time of automatic positioning in full direction	40 s
Time of automatic positioning in full elevation	25 s
Time of automatic deploying the supporting legs	13 s
Time of preparing firing data	100 s
Velocity	
• In elevation	2deg/sec
• In azimuth	5deg/sec
Automatic locking device for fixing launching platform in desired position:	
- Firing rocket from cabin and outside of cabin up to 30m distance;	
- Automatic correction of elevation and azimuth on the launching platform due to vehicle inclination for vehicle angles up to 5°,	
- Azimuth and elevation lock during transport,	
- Automatic, semi automatic and manual operation of all functions of the weapon.	

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