

81 D MORTAR

ISO 9001:2015

PURPOSE AND FUNCTION



The 81 mm Warrior 81D Mortar is smoothbore muzzle-loading Mortar, that consist of a barrel, a bipod, a base plate, a double load prevention mechanism and a sight, with high firing capacity and accuracy and is designed for easy operation and maintenance.

Warrior 81D Mortar is intended to destroy by curved-trajectory fire the enemy force and firing assets, located in open, as well as in field entrenchments, including:

- Light field and earth shelters and trenches, ditches, communication tranches,
- Enemy forces and assets located on the back sides of hills and in canyons
- Damaging of fences/obstacles for troops and tanks.

Tactical tasks:

- Infantry fire support
- Adjustment and marking of fire and target designation by using smoke and illuminating mortar bombs
- Screening the enemy's firing positions, observation and command posts with smoke, creating a smoke screen in support for the infantry attacking the enemy's defense lines.
- illumination of the enemy firing positions for the purposes of reconnaissance, firing, supporting the fire of anti-tank means and for infantry's support.
- other tactical actions on the battlefield.

TECHNICAL DATA

Caliber:	81 mm
Barrel Length:	1370 mm
Base plate diameter:	600 mm
Max. range of shooting:	6500 m
Max. operating pressure of gas:	950 bar
Elevation range :	700-1500 mm
Traverse range:	300mm
Fire rate:	
- with correction of fire direction:	15
rounds/min	
- without corrections of fire direction:	20
rounds/min	
Weight total:	51,20 kg

PACKING INFORMATION

Wooden case with 81mm Mortar Warrior 81D – 1pc; SPTA – 1set; Sighting device – 1 pc

Wooden case dimensions: 1550/650/350 mm

Net weight: 60 kg

Gross weight: 100 kg

SPTA SET

Firing pin – 1pc; Retaining ring – 1pc; Spring – 1 pc; Leading part – 1pc; Carry bag with sling for bipod - 1pc; Carry bag with sling for base plate – 1 pc; Carry bag for Mortar body with Muzzle cover with sling – 1 pc; Cleaning brush for the barrel – 1 pc; Three part wiper arm – 1pc; Gloves – 1 pair; Bag for spare parts and tools and accessories – 1 pc; Bag for ammunitions – 1 pc; Oil can – 1 pc; Drift – 1 pc; Wrench 17x19 – 1 pc; Screwdriver – 1pc; Hammer – 1pc; Wrench for buffers – 1 pc

CONTACTS