



122 MM Self-Propelled Howitzer



Tactical Specifications

Raad1 122mm (self-propelled gun-howitzer) is the first SPGH designed and manufactured in D.I.O of I.R.IRAN. High stability during firing, good manoeuvrability, firing at different angles, indirect and direct fires, rapid and independent firing, working properly at temperatures -45° to $+45^{\circ}\text{C}$, rapid changes of positions, easy and fast maintenance are the main characteristics of this system. Raad-1 is equipped with a computer and a monitor to display and monitor the ballistic data. Enough space has been provided for the crew inside the vehicle and ergonomic conditions have been properly considered.

Advantages

Stability during firing, various shooting angles High mobility, Easy maintenance



TECHNICAL SPECIFICATIONS

No. of crews	4 crew
Combat weight	1750 kg
Caliber	122 mm
Length of gun barrel	39 times
Azimuth angle	360 deg.
Elevation angle	-3 to 72 deg.
Fire range	1520 m
Max. rate of direct fire	4 to 5 rounds per minute
Secondary armament	Machine gun 12.7mm
Ammunition storage	35 rounds
Engine	Diesel , 8-cylinder, air-cooled
Gearbox	Mechanical, 5 forward gears, 2 reverse gears
Max. speed	65 km/h
Max. cruising	400 km