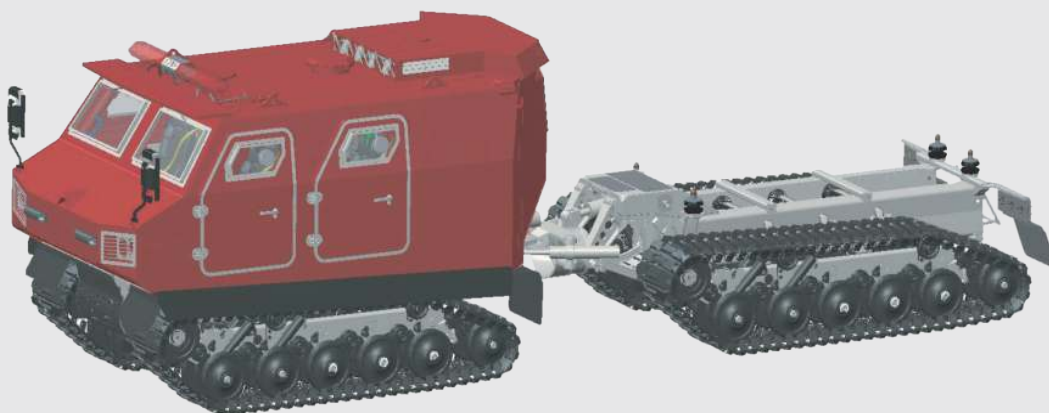


All-Terrain Tracked Firefighting Vehicle



The Monitor Lizard all-terrain firefighting vehicle is developed based on universal platform BN117-X. By integrating various rear-mounted functional modules, it features a "platform + firefighting module" design, creating a versatile series of vehicles.



All-terrain Tracked Emergency Rescue Product Universal Platform

The BN117 tracked all-terrain transport platform, equipped with core patented technologies, supports various operations—transportation, emergency rescue, fire fighting, and communication—across complex terrains and harsh conditions, including grasslands, forests, deserts, snow, swamps, tidal flats, and inland waters.



The rear vehicle can be equipped with various modules to meet diverse firefighting and rescue needs.

- | | |
|---|---|
| 1) All-terrain water cannon vehicle | 4) All-terrain firefighting tool vehicle |
| 2) All-terrain material transport vehicle | 5) All-terrain multifunctional firefighting vehicle |
| 3) All-terrain unmanned platform vehicle | 6) All-terrain water-personnel transport vehicle |

BN117-X1 All-Terrain Water Cannon Vehicle



TECHNICAL SPECIFICATIONS

Dimensions (Length x Width x Height)	9.1×2.45×3.6 m	Operating Temperature Range	-43 – 50°C
Combat Weight	17000 kg	Winch Pull	8000 kg
Maximum Road Speed	65 km/h	Rated Power	242 kW
Number of Crew Members	4 (front)	Pump Flow Rate	1500 L/min
Minimum Turning Radius	7.8 m		
Maximum Gradeability	35°	Turbofan Water Cannon Flow Rate	500 L/min
Maximum Side Slope Angle	25°	Turbofan Water Cannon Range	45 m
Maximum Obstacle Crossing Height	1 m	Fan Airflow	40000 m ³ /h
Trench Crossing Width	1.6 m	Liquid Tank Capacity	2500 L

BN117-X2 All-Terrain Tracked Multifunctional Transport Vehicle



The vehicle features a sealed design for amphibious travel, a 2000L tank, a fire pump, and an 8-passenger rear carriage or emergency rescue module.



Internally carrying 2 tons of water plus 12 people



Internally carrying 2 tons of water plus firefighting equipment

Rear Vehicle Interior Layout Diagram

TECHNICAL SPECIFICATIONS

Dimensions (Length × Width × Height)	9.1×2.45×2.6 m	Maximum Obstacle Crossing Height	1 m
Combat Weight	17000 kg	Trench Crossing Width	1.6 m
Maximum Road Speed	65 km/h	Operating Temperature Range	-43 – 50°C
Floating Speed on Water	5 km/h	Winch Pull	8000 kg
Number of Passengers(front+rear)	4+10 (or 4 front+modular equipment)	Liquid Tank Capacity	2000 L
Minimum Turning Radius	7.8 m	Maximum Flow Rate	6.1 L/S (upgradable with a larger pump)
Maximum Gradeability	35°	Turbofan Water Cannon Range	280 m (upgradable with a larger pump)
Maximum Side Slope Angle	25°	Fan Airflow	37 m (upgradable with a larger pump)