
MACK DEFENSE LAKOTA

INFANTRY & MULTIROLE COMBAT VEHICLE



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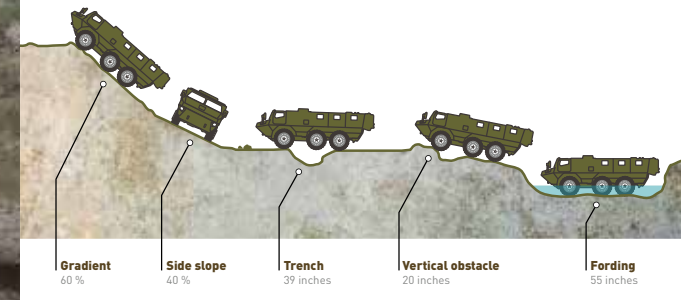


LAKOTA is a new family of 6x6 medium armored vehicles offering high level performances in terms of mobility, protection and payload. LAKOTA benefits from a thirty-year experience through the VAB legacy:

- A large windshield offering the driver and the vehicle commander an excellent field view
- A compact size enable to progress in city and mountain environments
- A platform equipped with Battlenet Inside which can receive medium to large caliber weapon systems
- The performance of an 8x8 vehicle at a fraction of the cost
- Low lifecycle cost and access to the Volvo / Renault Trucks and Mack Trucks worldwide support network.



Maximum speed on road: 62 mph (100 km/h)
Maximum range: 560 miles (890 km)
Air transport: A400M/C-130



MOBILITY

HIGH MOBILITY DRIVELINE

- 6x6 independent suspensions
- Powerful engine (370 hp) coupled to an automatic transmission
- Dynamic central tire inflation system and run-flat
- Amphibious version

SURVIVABILITY

- Limited size and excellent situational awareness (large transparent armors)
- Ballistic and IED protection as per STANAG 4569
- NBC

MODULARITY

- Monocoque hull available in many versions
- Large internal volume and payload enable a maximal cargo capacity with a significant growth potential

EASE OF MAINTENANCE

- Rapid powerpack removal/fitting system, enhancing the operational availability of the vehicle

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WEIGHTS & DIMENSIONS

- GVW: 44,092 lbs (20 tonnes)
- Dimensions (L x W x H): 287 x 104 x 98 inches (7.3 x 2.65 x 2.5 m)
- Wheelbase: 79 + 55 inches (2+1.4 m)
- Ground clearance: 14.9 inches (0.38 m) under axles
- Max crew: 2 + 10

OPTIONAL EQUIPMENT

- Mobility: Cold starting (-25.6 °F/-32°C), amphibious version available, electric rear ramp, winch, clearance blade, run-flat tires
- Protection: NBC protection, RPG protection
- Systems: Smoke grenade launcher, laser detection system, RCIED jammer, fire-extinguisher, Battle Management system, Battlenet Inside (Medium pack, Advanced pack), day and night long-distance surveillance camera, sniper acoustic detector, remote-controlled turret, radio UHF/VHF/HF/PMR, specific intercom, police light-bar, public address

DRIVELINE & TRANSMISSION

- Drive: 6x6
- Engine type: Caterpillar C7 (6-cylinder)
- Emissions compliance: Euro 3/Unregulated
- Max power: 370 hp
- Max torque: 931 lb.-ft (1262 Nm) @ 1440 rpm
- Transmission: 6-speed automatic Allison 3500
- Tires: 1400R20
- Suspensions: Fully independent

BATTLENET INSIDE

STANDARD PACK (INCLUDED IN BASIC VEHICLE)

- Equipment: 1 touchpad tablet 12" for the on-board commander, 4 perimeter cameras, 1 video encoder, 1 CAN / Ethernet gateway, 1 GPS antenna
- Function: POI / WP tactical view, Vehicle position, Perimeter vision, Document management

STANDARD EQUIPMENT

- Protection: Ballistic, mine and IED as per STANAG 4569
- Mobility: Central tires inflation system (CTIS), run-flat tires
- Alternator: 300A
- Comfort: Air conditioning/heating
- System: Battelnet Inside Standard Pack

MEDIUM PACK

- Equipment: Standard pack, 1 touchpad tablet 8.4" for the driver, Recording system, Inertial sensor
- Function: Standard pack, Recording / photos, Gradient / side slope

ADVANCED PACK

- Equipment: Medium pack, 1 touchpad tablet 12" for the gunner, Compass
- Function: Medium pack, On-course management, 3D cartography

FOR MORE INFORMATION VISIT MACKDEFENSE.COM

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