

MACK® DEFENSE SHERPA

WEIGHTS

GVW: 16,975 to 21,165 lbs. (7.7 to 9.6 tonnes)

Payload: 3,970 to 8,155 lbs. (1.8 to 3.7 tonnes)

GTW: 25,795 to 29,985 lbs. (11.7 to 13.6 tonnes)

DIMENSIONS

Wheelbase (short/long cab): 160 to 177 inches (4.1 to 4.5 m)

Overall length/width/height: According to wheelbase and tires

Ground clearance: 24.5 inches (.63 m)

Number of seats: 2 to 4

ENGINE

Type: Turbodiesel

Specifications: 4-cylinder inline, high-pressure common rail

Emissions compliance: Euro 3 to Euro 5 available

Max power: 215 HP (158 kW) @2300 rpm

Max torque: 590 lb.-ft. (800 Nm) @1200-1700 rpm

DRIVELINE AND TRANSMISSION

Drive: Full time 4x4

Transmission: Allison® 2500 6-speed

T-Case: 2-speed transfer case

Steering: Hydraulic power assisted

Tires: 13R22.5

Brakes: Four wheel disc brakes with ABS

Alternator: 100A

OPTIONS

Cab: Right hand drive, air conditioning

Mobility: Central tire inflation system (CTIS), Run-flat tires,
Retractable electric winch (front or rear), 335/80R20 tires

Protection: Add-on armor (ballistic and mine kits), Lighting
protection and cable break

Systems: 5.56/7.62/12.7 mm weapons systems (manned or
remotely operated)

Alternator: 300A

PERFORMANCE

Max speed: 68 mph (110 km/h)

Range at 55 mph (90 km/h): 620 to 1,000 miles (998 to 1,610 km)

Fuel tank capacity: 32 or 53 gallon optional (120 or 200 liter)

Fording (with kit): 29.25 inches (.75 m) / 58.5 inches (1.5 m)

Vertical obstacle: 15.6 inches (.4 m)

Trench: 35.1 inches (.9 m)

Slope: 60 percent

Side slope: 30 percent

Air transportable: A400M, C-130

ARMOR

Cab: Unarmored, full kits available

MANDUS HAWKEYE 105MM

SPECIFICATIONS

Armament: 105 mm

Propellant: Standard NATO (M67)

Max Range: Conventional 11,500 m, Rocket Assisted 15,100 m

Traverse: 360 degrees

Elevation: -5 to +72 degrees

Weight: 2,400 lbs. (1,100 kg)

Configuration: Compartmentalized crew, Weapon and ammo storage

Responsiveness: Emplaced in 15-20 sec.

Crew: 3 (Emergency operations by 2)

Rate of Fire: 8 to 10 rounds per minute, 6 rounds per minute sustained



DEFENSE, LLC

FOR MORE INFORMATION VISIT MACKDEFENSE.COM OR MANDUSGROUP.COM

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BRO-MDS-0512-SWBR-1M

MACK DEFENSE SHERPA – MANDUS GROUP HAWKEYE 105MM



DEPENDABLE MOBILITY

WHERE YOU NEED IT MOST

The Mack Sherpa is a 4x4 tactical vehicle designed to provide infantry forces with the best mobility and payload in its category. It delivers outstanding on- and off-road performance to give you the confidence you need to navigate a wide variety of rugged, unforgiving terrain. The Sherpa is designed to be fully air transportable. And it is built for maximum flexibility to accommodate up-armoring with ballistic and mine kits.

The Sherpa — already fielded and serviced — is offered in several versions; both armored and unarmored variants with a regular or extended cab (allows for 4 soldier capacity). It is able to transport up to 4 tons of payload including a 10-foot shelter.

The full-time, 4x4 Sherpa is designed to give you access to remote locations. Its chassis sits high to offer more than 24 inches of under-cab ground clearance. It can cross trenches up to one-yard wide, can climb steep, 60 percent grade slopes and can stay firmly grounded driving across a 30 percent side slope. And its four-wheel disc brakes with ABS provide the footing you need to confidently stop on any terrain.

KEY FEATURES

- Maximum speed of 68 mph
- 620-mile range traveling at 55 mph
- 32-gallon fuel tank capacity
- Cab offers optional right-hand drive and air conditioning
- Central tire inflation system (CTIS) and run-flat tires are available





HAWKEYE 105MM WEAPON SYSTEM

LIGHTWEIGHT ARTILLERY

THAT PACKS A PUNCH

The Hawkeye 105mm Weapon System is a high-performance howitzer that is contained in a lightweight, modular design. It harnesses emerging technologies, and aims to set the standard for light artillery in the areas of firepower, tactical mobility, strategic deployment and command and control.

Produced by the Mandus Group, the Hawkeye is a game-changing weapon system. Never before has a 105mm howitzer been able to deliver the firepower of a 27-caliber cannon along with maximum mobility. And because of its lightweight design and low recoil, it allows forces to deploy the weapon in ways never thought possible.

KEY FEATURES

- Hybrid Soft Recoil technology allows weapon to be paired with Mack Sherpa
- Lightweight at less than 2,400 lbs. (1,100 kg)
- Fires 360 degrees
- Direct fire scope is digital camera in conjunction with the digital fire control
- Most maintenance can be performed at unit level
- Electronically controlled elevation and azimuth work with digital fire control
- Growth potential for all features including a longer caliber cannon
- Reduced maintenance costs due to efficient design

