



HX2 8x8

MILITARY TRUCK SYSTEM

Purpose-built for military operations, the HX family delivers rugged reliability with a service life of 20+ years, proven by more than 18,000 units in service worldwide. Featuring high commonality from 4x4 to 10x10, it ensures low lifecycle costs, simplified logistics and minimal training requirements. Backed by Rheinmetall and MAN's global support network, the HX represents a true military off-the-shelf solution, designed to meet the demands of today's complex mission environments and evolving military standards.

SELECTED HIGHLIGHTS

Unmatched Performance in Extreme Conditions

- Reliable operations from -32°C to $+49^{\circ}\text{C}$ & engine certified for low-grade/high-sulphur military fuels (F34)
- 1.5 m fording capability without preparation according to STANAG
- Military EMC compliance for secure communication and reliable performance in electronic warfare environments
- Optional fully automatic transmission for reduced driver workload and superior off-road mobility

Crew Survivability & Tactical Superiority

- STANAG-compliant protected cabin with integrated NBC protection – delivering best-in-class crew survivability
- Military lighting (blackout, IR, work & convoy lights) for covert operations
- Interface for weapon mounts and protection systems

Maximizing Mission Flexibility & Operational Readiness

- Advanced storage concept for mission equipment, personal gear & C4I systems
- Ergonomically optimized cabin and seating for fully equipped soldiers – maximizing comfort and reducing fatigue on extended missions
- NATO trailer interfaces, self-recovery winch, 180A generator and 4x 12V/100Ah batteries

Long-Term Availability & Reduced Lifecycle Costs

- Military-grade corrosion protection and STANAG paint finish
- High parts commonality & comprehensive through-life support
- Future-ready, upgradable platform with PDS support by system house Rheinmetall

DRIVE TRAIN

Engine

- MAN D2676 Diesel engine
 - 6 cylinder in-line configuration
 - 397 kW (540 hp)
 - 2500 Nm
- MAN D2066 Diesel engine
 - 6 cylinder in-line configuration
 - 324 kW (440 hp)
 - 2100 Nm
- Euro V emission standard
- Compatible with both diesel & military fuels (F-34)

Transmission

- 7-speed fully automatic transmission or 12-speed automated transmission

Transfer case

- All-wheel drive for tackling any terrain
- 2-speed transfer case with power take-off (PTO)
- Optional with neutral position and/or disengageable front-wheel drive

RUNNING GEAR

Brakes

- Electronic brake system with hill-holder and ABS for off-road applications

Axles

- 11 t front- and 13 t rear axles for maximum load capacity
- Planetary hub reduction axles with differential locks

Tyres ¹⁾

- Standard: single tyres up to 16.00 R20
- Snow chain compatible for all tyre sizes
- Runflats or beadlocks
- Central Tyre Inflation System (CTIS) or Semi-Automatic Tyre Inflation System (STIS)

Suspension

- Heavy duty leaf spring suspension designed for off-road applications

CABIN

- Prepared for weapon station
- Prepared for protection systems (e.g. smoke grenade launcher)
- Up to 3 seats
- Protected cabin in accordance with STANAG 4569

CHASSIS

Dimensions ¹⁾

Length	10,900 mm
Height	3,500 mm
Wheelbase ²⁾	1,800 + 3,875 + 1,500 mm
Additional wheelbase ²⁾	1,800 + 3,450 + 1,400 mm
Overall width	2,550 mm
Transportability	Designed for air, rail, road, sea

Weights ¹⁾

Gross vehicle weight	up to 41,000 kg
Chassis carrying capacity (with protected cab)	up to 21,000 kg

Performance ¹⁾

Approach angle	up to 40°
Departure angle	up to 40°
Ramp angle	up to 32°
Side slope	up to 40%
Gradient	up to 60%
Fording ability	1.5 m
Temperature range	-32°C to +49°C operatable in climate zones A1, A2, A3, B3, C0, C1 (STANAG 2985)

Body examples

Load handling system (LHS), Swap body, Crane, Container carrier, Recovery, Tractor, Tanker, Tipper, System carrier, 155 mm Artillery system, Radar carrier, Air defence and Rocket launcher system, Bridge layer, Excavator

¹⁾ Depending on chassis configuration and equipment

²⁾ Other wheelbase options on request

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