



HX2 WLS 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 couplings, shackles, tow bar, trailer sockets & 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

The following specification aligns with the configuration used by the German Armed Forces (Bundeswehr) and is available on short notice. Other configurations and customizations are possible but may result in a longer delivery time.

DRIVE TRAIN

Engine

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

Transmission

- 7-speed automated transmission

Transfer case

- All-wheel drive for tackling any terrain
- 2-speed transfer case with neutral position and 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 (395/85 R20)
- Snow chain compatible
- Runflats

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 with NBC protection

SUPERSTRUCTURE

- Hookloader system for 20ft containers, flatracks, etc.
- Maximum lifting capacity of 16.5 t

CHASSIS

Dimensions ¹⁾

Length	approx. 9,844 mm
Height	approx. 3,430 mm
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
Payload	up to 16,500 kg

Performance ¹⁾

Approach angle	approx. 35°
Departure angle	approx. 21°
Ramp angle	approx. 31°
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)

¹⁾ Depending on chassis configuration and equipment

²⁾ Other wheelbase options on request

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