



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

- Protected cabin available according to STANAG with NBC protection
- Engine qualified for low grade/high sulphur fuels (F34)
- Climatic operational range from -32°C up to +49°C
- 1.5 m fording without preparation according to STANAG
- Military lighting (blackout, IR, working and convoy lights)
- Interface for customized weapon mounts (swivel ring, RCWS, etc.) and protection systems
- In accordance with military EMC standards
- Sophisticated storage concept to meet military requirements (mission & personal gear, C4I, etc.)
- Seats optimized for soldiers wearing protective vests
- NATO shackles, tow bar, tow coupling (front), trailer coupling (rear), and self recovery winch
- NATO inter-vehicle slave start, trailer sockets, 4x 12V/ 100Ah batteries and 180A generator
- Lashing points for air, sea, rail and road transport
- Chassis corrosion protection (MAN military standard) and military paint finish according to STANAG
- High degree of parts commonality for maximum service quality
- Benefit from our through life support utilising existing OEM networks wherever possible

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
- 12-speed automated transmission

Transfer case

- 2-speed transfer case with engageable front-wheel drive
- Optional with neutral position

RUNNING GEAR

Brakes

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

Axles

- 11 t front- and 13 t rear axles
- 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
- Beadlocks
- Central Tyre Inflation System (CTIS)
- 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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