



HX2 8x8 HEAVY EQUIPMENT TRACTOR

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 $+49^{\circ}\text{C}$
- 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 D2868 Diesel engine
 - 8 cylinder in-line configuration
 - 500 kW (680 hp)
 - 2700 Nm
- Euro V emission standard
- Compatible with both diesel & military fuels (F-34)

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
- 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

SUPERSTRUCTURE

- Saddle coupling with fully cardanic bearing
- Double winch system (2x 200 kN nominal pulling force)
- Integrated winch control panel
- Remote winch control possible

CHASSIS

Dimensions ¹⁾

Length	9,450 mm
Height	3,500 mm
Wheelbase ²⁾	1,800 + 3,200 + 1,500 mm
Overall width	2,550 mm
Transportability	Designed for air, rail, road, sea

Weights ¹⁾

Gross vehicle weight	up to 45,000 kg
Chassis carrying capacity (with protected cab)	up to 21,000 kg
Total towing weight	up to 135,000 kg

Performance ¹⁾

Approach angle	up to 37°
Departure angle	up to 46°
Ramp angle	up to 35°
Side slope	up to 40%
Gradient	up to 60%
Fording ability	0.75 m
Temperature range	-32°C to +49°C operatable in climate zones A1, A2, A3, B3, C0, C1 (STANAG 2985)

Body examples

Heavy Equipment Tractor (HET)

¹⁾ Depending on chassis configuration and equipment

²⁾ Other wheelbase options on request

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