



# 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

#### Unmatched Performance in Extreme Conditions

- Reliable operations from  $-32^{\circ}\text{C}$  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 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

- All-wheel drive for tackling any terrain
- 2-speed transfer case
- 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 <sup>1)</sup>

- Standard: single tyres up to 16.00 R20
- Snow chain compatible for all tyre sizes
- 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

## 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 <sup>1)</sup>

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

### Weights <sup>1)</sup>

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 <sup>1)</sup>

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)

<sup>1)</sup> Depending on chassis configuration and equipment

<sup>2)</sup> Other wheelbase options on request

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