



## HX3 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. The newly HX3 builds on the proven strengths of the HX2, combining its core military capabilities with state-of-the-art automotive technology.

#### HX3 NEW FEATURES

##### Maximum Crew Performance in Every Mission

- New cabin with enhanced ergonomics, modern interior design and maximum field of view
- Improved cabin protection and cabin suspension with superior off-road driving comfort
- Improved stowage concept for mission equipment, personal gear & C4I systems

##### Future-Ready Technology & Operational Efficiency

- Next generation militarized OEM powertrain with latest Euro VI engine and 190A generator
- New ADAS features and prepared for automated drive
- Developed to highest cyber security standards & compliant with ECE security regulations

#### ADDITIONAL HIGHLIGHTS

##### Enhancing Crew Protection & Tactical Superiority

- STANAG-compliant protected cabin with integrated NBC protection – delivering best-in-class crew survivability
- Military EMC compliance for secure communication and reliable performance in electronic warfare environments
- Military lighting for covert operations
- Optimized cabin & seating design to reduce fatigue during extended missions

##### Long-Term Availability & Reduced Lifecycle Costs

- High parts commonality & comprehensive through-life support for maximum fleet readiness
- Future-ready, upgradable platform with PDS support by system house Rheinmetall

## DRIVE TRAIN

### Engine

- MAN D2676 Diesel engine
  - 6 cylinder in-line configuration
  - 382 kW (520 hp)
  - 2650 Nm
- Euro V and VIe emission standard
- Compatible with both diesel & military fuels (F-34)
- Optional cold start capability (–46 °C)

### Transmission

- 7-speed fully automatic transmission or 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
- 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 <sup>1)</sup>

|                                    |                                   |
|------------------------------------|-----------------------------------|
| Wheelbase <sup>2)</sup>            | 1,800 + 3,450 + 1,400 mm          |
| Additional wheelbase <sup>2)</sup> | 1,800 + 3,875 + 1,500 mm          |
| Overall width                      | 2,550 mm                          |
| Transportability                   | Designed for air, rail, road, sea |

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

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

### Performance <sup>1)</sup>

|                   |   |
|-------------------|---|
| 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

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

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

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