



HX3 10x10

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 FEATURES

- New cabin with enhanced ergonomics, modern interior design and maximum field of view
- Enhanced cabin protection and cabin suspension with increased off-road driving comfort
- Improved stowage concept (mission & personal gear, C4I, etc.) within cabin and at chassis
- Next generation militarized OEM powertrain with latest Euro VI engine (and 190A generator)
- Development according to cyber security regulations, new ADAS features and prepared for automated drive

ADDITIONAL 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
- Cabin and seats optimized for soldiers wearing protective vests and mission gear
- Benefit from our through life support utilising existing OEM networks wherever possible

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 and military fuels (F-34)

Transmission

- 7-speed fully automatic transmission torque converter and primary retarder

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
- Rear axles hydro-pneumatic suspension

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⁾

Wheelbase ²⁾	1,800 + 3,650 + 1,550 + 1,600 mm
Additional wheelbase ²⁾	1,800 + 3,200 + 1,550 + 1,600 mm
Overall width	2,550 mm
Transportability	Designed for air, rail, road, sea

Weights ¹⁾

Gross vehicle weight	up to 82,000 kg
Chassis carrying capacity (with protected cab)	up to 30,000 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 +45°C operatable in climate zones A1, A2, A3, B3, C0, C1 (STANAG 2985)

Body examples

System carrier, Load handling system (LHS), Swap body, Crane,
Container carrier, Recovery, Tractor, Tanker, Tipper,
155 mm Artillery system, Radar carrier, Bridge layer

¹⁾ Depending on chassis configuration and equipment

²⁾ Other wheelbase options on request

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