

LIFT LIKE A **HERO.**

With the MAN vehicles
for crane operations.



BUILT FOR THE TOUGHEST JOBS.

MAN vehicles for crane operations are essential for various applications, for example making the loading and unloading of platform trailers a breeze. Truck-mounted cranes are versatile heroes, perfect for transporting timber and building materials, functioning as crane tippers to simplify tasks, and handling heavy-duty lifting with ease.

The MAN vehicle range is extensive, with the MAN TGL, TGM, TGS and TGX series covering a spectrum from 7.49 to 50 tonnes. These vehicles are designed to deliver exceptional versatility and efficiency, ensuring they meet the highest standards in the industry. Our close collaboration with body manufacturers allows us to draw on extensive experience to provide customers with the ideal vehicle solution for every job..





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eMPOWERING YOU. ALL THE WAY. THE MAN eTRUCKS.

Drawing on many years of experience in the field of eMobility, we are well aware of the steps required to introduce electric trucks to the construction industry in a financially viable way. The MAN eTrucks are equipped with state-of-the-art technology, offering a solution that integrates environmental responsibility with efficiency.

Platform body with loading crane

- High range even with short wheelbase: The usable battery capacity is from 320 kWh up to 480 kWh depending on the wheelbase
- ePTO solutions - HV interface (ePTO), mechanical (mPTO) and electro mechanical PTO (emPTO)
- The battery layout has been designed with frame clearances for hydraulic support legs on vehicles with front-mounted cranes
- Preparation for body mounting is flexible and is available ex works
- The vehicle width is suitable for applications with hinge-down side walls, with all battery configurations
- There are connection options to the vehicle cooling system



LIFTING HEAVY. MOVING EASY.

Experience the perfect combination of power, performance and safety with MAN chassis and tractors.

Whether you need a solo truck, a tractor or a tipper, MAN trucks with front- or rear-mounted cranes make handling construction materials a breeze.

Independent of the weight, volume or size of your materials, MAN vehicles for crane operations are designed to meet the challenges of construction jobs, even in tight spaces. Steered leading and trailing axles give you greater manoeuvrability, ensuring you can navigate and operate efficiently in any environment.

Our trucks are optimised for payload and body dimensions, so you get the right solution for your specific needs. Also, MAN trucks feature flexible suspension options, including leaf-air or air-air suspension, to suit your requirements.

Your benefits at a glance:

- **Versatile handling:** Trucks with front- or rear-mounted cranes make material handling easier
- **High adaptability:** Designed to handle materials of any size, weight, or volume, even in tight spaces
- **Enhanced manoeuvrability:** Steered leading and trailing axles provide greater flexibility for navigating any environment

Vehicle configuration (partly optional):

- Vehicle Air Suspension Control (VASC) for safer stabilisation with crane operations
- MAN HydroDrive for more traction
- Normal, medium, and high all-wheel drive design height
- Digital axle-load display in the cab for air-spring axles
- Powerful gearbox- and engine-side PTOs for high hydraulic power and speedy crane work
- High-load roll stabilisation for excellent driving stability and even more when transporting loads with a high centre of gravity
- Air deflector plate to prevent dust turbulence
- Chassis with full air suspension (depending on the vehicle type)
- Variable axle-load ratio for chassis with a trailing or leading axle for optimum traction
- Turning brake for optimised turning circle
- Construction air suspension for comfortable and safe handling
- MAN D15 engine for weight-optimised application
- MAN ComfortSteering
- Lightweight hypoid axle tandem for weight-optimised usage
- Second rear axle relievable (moving-off aid with speed limitation)



DESIGNED FOR HEAVY LIFTS AND HIGH FLEXIBILITY.

Whether you need top-mounted telescopic cranes or articulated cranes for high loads and heights, MAN has the perfect solution for all your needs.

The MAN TGX and TGS chassis come with pre-installed spaces for support legs, making crane installation easy and cost-effective. This means you can quickly and efficiently mount cranes onto the chassis without the need for extensive modifications. Additionally, we offer front plate preparations and frame reinforcements for crane support, ensuring that your truck is ready for any crane superstructure. This setup allows the crane to operate smoothly throughout its entire range of motion, providing you with seamless and reliable performance.

Our electronically controlled air suspension (VASC) ensures safe operation for vehicles equipped with air suspension. This advanced system automatically adjusts the suspension to maintain optimal stability and comfort, even when carrying heavy loads. For large cranes, we offer 10-tonne front axles with leaf suspension for three- and four-axle vehicles (6x4 and 8x4) as well as a front support leg preparation ex works. This robust configuration provides the necessary strength and support for handling heavy-duty lifting tasks, ensuring that your vehicle remains stable and secure during operation.

Your benefits at a glance:

- **Versatile solutions:** Ideal for top-mounted telescopic and articulated cranes for high loads and heights
- **Easy installation:** Pre-installed spaces for support legs on MAN TGX and TGS chassis make crane mounting simple and cost-effective
- **Optimal stability:** Front support leg preparations and frame reinforcements as well as the electronically controlled air suspension (VASC) helps maintain stability and comfort, even with heavy loads
- **Robust handling:** 10-tonne front axles with leaf suspension and front support for three- and four-axle vehicles ensure robust handling for large cranes

Vehicle configuration (partly optional):

- Common rail diesel engines up to 471 kW (640 hp*)
- MAN HydroDrive for more traction
- Vehicle Air Suspension Control (VASC) for safer stabilisation with crane operations
- Preparation for crane front support leg and frame reinforcements ex works up to 20 t
- Strong PTOs ex works for powerful crane operation
- Digital axle-load display in cab for air-suspended axles
- High-load roll stabilisation
- Variable axle-load ratio for chassis with a trailing or leading axle for optimum traction
- Turning brake for optimised turning circle
- Construction air suspension for comfortable and safe handling
- MAN D15 engine for weight-optimised application
- MAN ComfortSteering
- Lightweight hypoid axle tandem for weight-optimised usage
- Second rear axle relievable (moving-off aid with speed limitation)

* 640 hp only for MAN TGX



GET A FULL LOAD OF POWER.

MAN crane tippers are designed for quick and cost-effective installation of front-mounted loading cranes.

These special trucks come ex works with tipper bodies and spaces for cranes. This ensures that front axle loads are optimised for different truck weight classes and crane sizes.

The electronically controlled air suspension (VASC) automatically lowers to the buffer when the power take-off is engaged. Loader cranes offer great flexibility and efficiency by significantly reducing loading and unloading times and minimising manpower requirements.

Your benefits at a glance:

- **Customisable configurations:** Available in two-, three-, and four-axle options, with tailored wheelbase, overhang, and rear-axle load specifications for different crane sizes
- **Easy installation:** Designed for easy front-mounted crane installation, saving time and costs
- **Application fit:** Can be equipped with various crane attachments like clamshell buckets, lifting hooks, forks, or grippers, enhancing operational flexibility
- **Increased efficiency:** Significantly reduce loading and unloading times, while minimizing manpower requirements, improving overall productivity

Vehicle configuration (partly optional):

- Common rail diesel engines up to 471 kW (640 hp*)
- MAN HydroDrive for more traction
- Vehicle Air Suspension Control (VASC) for safer stabilisation with crane operations
- Three-way tipper bodies ex works for crane tippers
- Digital axle-load display in cab for air-suspended axles
- Crane tipper with optimised space for crane support legs etc.
- High-load roll stabilisation
- Variable axle-load ratio for chassis with a trailing or leading axle for optimum traction
- Turning brake for optimised turning circle
- Construction air suspension for comfortable and safe handling
- MAN ComfortSteering for low steering forces and good manoeuvrability
- MAN D15 engine for weight-optimised deployment
- Lightweight hypoid axle tandem for weight-optimised usage
- Second rear axle relievable (moving-off aid with speed limitation)

* 640 hp only for MAN TGX



TAILORED TO YOUR NEEDS.

MAN construction vehicles have always been designed for optimal application suitability. And now, the new online tool MAN PAL (Parameters And Logic) makes it easy to connect the body to the vehicle systems over-the-air via the MAN ABBI body manufacturer portal.

With MAN PAL, body manufacturers can quickly and independently adapt the parameters and logic of electronic body interfaces and control panels. This over-the-air solution saves considerable time and money when fitting the vehicle with a body. Different body functions can be easily uploaded to the vehicle via MAN PAL. Switching the engine on and off, activating and deactivating the power take-off or switching on the rotating beacons and rear flashers during operation: all these functions can be controlled via programmable six button keypad in the centre console or the MAN EasyControl keypad in the driver's door.

Parametrisation logic with MAN PAL

- Access to ABBI via user ID and password
- The relevant vehicle or vehicle configuration can be called up via vehicle identification number or alternatively via ABBI vehicle list
- The user interface of the MAN PAL Truck configuration tool offers configuration-specific programming options with regard to parameters and logic
- Frequently used parameters and logics are already pre-configured. Own parametrisations and logics can be created and saved as favourites
- After programming has been finalised, a corresponding vehicle data file is generated
- The data file is transferred over-the-air to the vehicle and loaded the next time the vehicle is started. Alternatively, cable-based transmission via MANcats is also possible
- Data files can be named, saved and reused for subsequent comparable body functions
- A help function is available in ABBI for body manufacturers as well as for MAN employees



YOUR INDIVIDUAL TRUCK.

With MAN Individual, we upgrade your truck to meet your specific needs, making it uniquely yours. From design to the entire driver's cab, you have the choice and we have the right solution. MAN Individual stands for outstanding quality and reliability.

Our One-Stop Service ensures you get everything from one source, keeping costs transparent. From order preparation and design to production and delivery, your personal MAN partner ensures you receive your desired vehicle or chassis customised and ready to go.

To discuss your individual requests, contact your dealer. Collaborating with MAN Individual, they will find the perfect solution for you. Our specialists will address your specific needs, ensuring the high standard of quality you expect from MAN.

Examples of modifications for construction uses:

- Preparation for skylifters
- Preparation for crane body
- Preparation for concrete pump
- Terraces for extension booms (concrete pump, skylifters, crane)
- Space for support
- Relocation of frame attachments as is typical for the sector
- High degree of flexibility and quality in the design
- Vehicles comply with standards following conversion
- Five-axle vehicle ex works
- Brake system for concrete pumps
- Sector-specific parameter setting
- Wheelbase and overhang modifications
- MAN After Sales provides global support and supply of spare parts









A COMPACT POWERHOUSE. THE MAN TGE.

The MAN TGE offers customized loading and transport solutions that ensure you won't be left stranded. Achieving transport efficiency requires smart application options. With tailored loading and crane bodies, the performance of the MAN TGE is significantly enhanced. The driver's cab can be a single or crew cab. An ex-works platform body with folding aluminium sides and slide resistant surface allows for safe loading. The optional reinforced chassis suspension and damping on both axles guarantee excellent driving characteristics in any weather and stabilize the vehicle when carrying heavy loads.

With a wide range of available crane superstructures, you can efficiently and reliably handle any loading task, whether it's for short-term use in urban areas or continuous operation. The electrohydraulic drive ensures quiet and swift performance. For continuous operations, the PTO (20 kW) provides strong outputs, connecting the crane via a hydraulic pump. You can pre-configure the desired output for optimal performance.













VEHICLE LINE-UP.

	Panel van		
	Standard	Long	Extra long
	Length: 5,986 mm Wheelbase: 3,640 mm	Length: 6,836 mm Wheelbase: 4,490 mm	Length: 7,391 mm Wheelbase: 4,490 mm
Normal roof Height: 2,355 mm / 2,390 mm ¹			
High roof Height: 2,590 mm / 2,625 mm ¹			
Super-high roof Height: 2,798 mm / 2,835 mm ¹			

¹ For twin-tyre configuration (if more wheelbases are shown the value is valid for wheelbase "long").

² Value valid for twin-tyre configuration.

³ For wheelbase "long".

	Chassis		
	Standard	Long	Extra long
	Length: 5,996mm (3.5t) / 5,968 mm (5.0t and 5.5t) Wheelbase: 3,640 mm	Length: 6,846mm (3.5t) / 6,818 mm (5.0t and 5.5t) Wheelbase: 4,490 mm	Length: 7,211 mm (5.0t and 5.5t) Wheelbase: 4,490 mm
Chassis cab Height: 2,305 mm ³ / 2,319 mm ¹			
Crew cab Height: 2,321 mm ³ / 2,339 mm ¹			
	Cowl		
	Standard	Long	Extra long
	Length: 5,996mm (3.5t) / 5,968 mm (5.0t and 5.5t) Wheelbase: 3,640 mm	Length: 6,846mm (3.5t) / 6,818 mm (5.0t and 5.5t) Wheelbase: 4,490 mm	Length: 7,211 mm (5.0t and 5.5t) Wheelbase: 4,490 mm
Cowl Height: 2,305 mm ³ / 2,319 mm ¹			
	Length: 5,797 mm Wheelbase: 3,640 mm	Length: 6,648 mm Wheelbase: 4,490 mm	
Cowl flat fram Height: 2,305 mm ³			

COMFORT STEP BY STEP.

MAN trucks have an ergonomic entry design that ensures a comfortable start to your day. The centrally positioned entrance allows for easy and convenient access, while the stair-like access ladder and entry lighting ensure both comfort and safety. The entrance is optimised for off-road work with non-slip steps, washable interior door panels, and a compressed air supply for swift removal of sand, mud and gravel.

The MAN EasyControl system reduces unnecessary entry and exit. The system is equipped with four controls that are easily accessible from outside the vehicle. These can be pre-programmed with key functions or customised to meet your needs. The interior of the cab is designed to meet the specific driver requirements, with a variety of seats available.

The backrest offers a wide range of adjustment options, while the passenger seat features an ergonomic design with its own set of adjustment possibilities. The Vario seat is particularly space-saving, and when not in use, can be folded away with its Cinema function.

The MAN TGX features a seat that can rotate 90° to provide maximum legroom during breaks. The steering wheel offers greater flexibility, with a tilting function that can be adjusted to a horizontal position for resting and a steep angle for driving.



TAKE A LOAD OFF WITH MAN.

At the end of a working day, everyone needs a place to rest. In the sleeping area of the MAN trucks, you'll find a cozy environment. The bed is so comfortable that you might not want to leave. And you don't have to, because all important functions can be operated and monitored from the remote control. Lights, locks, heating, windows – all just a button away.

The extended cab models feature a multizone cold-foam mattress and a slatted frame, ensuring a restful night's sleep. They also offer customisable storage compartments for personal items.

Our cabs are equipped with an auxiliary water heater for air conditioning. For the MAN GX, GM, GN, TM and TN cabs of the MAN TGS, there is an option for an electrical auxiliary air-conditioning system. This system functions without the need for a cold reservoir and is ready for use at any time, ensuring a refreshingly cool environment for up to 11 hours, even during high temperatures.

Comfort on the road.

While on the road, the MAN Climatronic automatically maintains the driver's chosen temperature. The cab ensures comfort with separate controls for the foot and head areas, while noise and lights are minimised to create the perfect environment.

Sleek interior colors.

The colour scheme, Desert Beige with Tuscan Red, creates a welcoming atmosphere, while the Dark Moon Grey and Silver option features minimalistic elements for a timeless modern style.

Roar in style.

The lion emblem on the seats and curtains enhances the in-cab experience, while the durable curtain fabric is compatible with both interior colour schemes. The bunk area can now be made darker for enhanced privacy and rest.



Interior colour - Dark Moon Grey with Silver



Interior colour - Desert Beige with Tuscan Red

EXCELLENT FIT FOR DRIVERS.

Driver-friendly design for exceptional comfort.

The controls and the fully digital instrument panel of our trucks have been developed based on direct feedback from drivers. This ensures that the displays and controls are intuitively positioned to facilitate clear visibility and easy reach. Data is set at a comfortable viewing distance, functions are colour-coded for immediate recognition, and buttons and switches are ergonomically placed within easy reach. Quick-selection keys can be fully customised to streamline workflows, and notifications can be issued in 30 different languages. Voice command operation is available in six intuitive languages.

The driver card's automatic language recognition feature, activated via MAN Now, sets the language saved on the card as the "vehicle language" when the card is inserted into the tachograph and the ignition is switched on, thus eliminating the need to manually set or select the language via the vehicle menu.

Effortless operation with MAN EasyControl.

With the MAN EasyControl function, you can activate vehicle functions such as switching on the hazard warning system or activating the engine for tipping from outside the cab. A control panel on the inside of the driver's door allows for easy operation.

Easy parking with Electric Parking Brake.

The electric parking brake is conveniently engaged using an electric switch on the right side of the instrument panel. In some situations, the parking brake automatically engages when parking and releases when moving off, further enhancing the driver's ease of use and safety.

Advanced infotainment.

The infotainment system of our MAN trucks is your ultimate communication and multimedia hub. It offers everything from navigation and radio to video and phone services. With five different variants, from entry-level to Navigation Professional, you can choose what suits you best.

The infotainment system can be operated using either the conventional button controls or the MAN SmartSelect, which is available from the Advanced 7-inch version. The 7-inch or 12.3-inch HD display ensures a clear view, and standard features include direct access buttons and a USB-C input. The medium 7-inch version is an entry-level infotainment system designed for vehicles that must comply with new statutory provisions on equipment with a reversing motion system.

Reversing Motion System.

The Reversing Motion System gives you a clear view when maneuvering. The rear camera helps you spot people or objects behind the vehicle and provides a full view when connecting trailers. The camera image automatically appears on the display when you engage reverse gear. The system can also be manually activated via a dedicated button on the instrument panel.

SIMPLY SAFE. ADVANCED ASSISTANCE SYSTEMS.

Preparation for Alcohol Interlock.

The engine of MAN trucks is fitted with a device that measures alcohol content in the breath. The engine will only start if the alcohol level is within the permissible limit. In an emergency, the engine can be started by pressing a secure button.

Front Detection.

The Front Detection monitors the area directly in front of the vehicle at speeds up to 10 km/h, warning the driver if it detects vulnerable road users like pedestrians or cyclists. This system enhances safety and helps prevent accidents. It works alongside Emergency Brake Assist (EBA) Plus, which activates at speeds above 10 km/h to protect vulnerable road users.

Emergency Brake Assist (EBA) Plus.

Emergency Brake Assist (EBA) Plus provides automatic braking in emergencies, preventing collisions with other vehicles or road users like pedestrians and cyclists. At speeds of 10 km/h and above, EBA Plus warns the driver of an impending collision and, if necessary, automatically brakes to a standstill. This feature is available on demand in a non-deactivatable version.

Sensor system for the fifth-wheel coupling.

The sensor system for the fifth-wheel coupling allows safe and easy monitoring of the coupling and uncoupling process from the driver's seat. This helps prevent damage from incorrect coupling. The driver receives visual and text messages on the instrument display, guiding the process. A correct coupling is confirmed by an acoustic signal. Despite the locking status indication on the display, the pre-departure check is still required.

MAN EasyStart.

With MAN EasyStart, the vehicle is prevented from rolling backward when the driver releases the brake pedal, making it easier and safer to move off on slopes. The system is activated automatically and, so it is always available.

MAN SafeStop Assist.

MAN SafeStop Assist stops the vehicle if the driver is suddenly no longer able to control the vehicle due to unforeseen incidents such as medical emergencies. This prevents accidents by slowing down the vehicle in a controlled manner until it reaches a standstill.

Turn Assist.

Turn Assist is an advanced safety feature that uses radar sensors to monitor the area next to the vehicle (the co-driver's side) at road speeds of up to 30 km/h. If the sensors detect a potential hazard while the vehicle is turning, the driver is alerted in a timely manner, allowing them to take action and avoid a potential collision with other road users.



Scan here for more
assistance systems

A CAB FOR EVERY NEED.

MAN offers the perfect cab for every need, ensuring maximum safety, comfort and ergonomics. Our cabs are designed for fatigue-free, focused driving, relaxing breaks and maximum passenger protection. They feature a comprehensive mirror system, including main and wide-angle mirrors, large kerb mirrors and front mirrors.

The aerodynamically optimised sun visor for MAN GX and GM cabs adds a touch of class with its dark grey design, preventing the driver from being dazzled by the sun and improving airflow around the A-pillar at the roof, reducing fuel consumption.e.



Cab	W x L (mm)	Sleeping facilities	Available for	Segment	Benefits at a glance
Cab GX: The maximum one (wide, long, extra height)	2,440 x 2,280	2	TGX	Long-haul transport	<ul style="list-style-type: none"> ■ One of the most capacious in Europe ■ Even more standing height: 2,100 mm ■ 2 comfortable beds
Cab GM: The generous one (wide, long, medium height)	2,440 x 2,280	2	TGX	Long-haul transport	<ul style="list-style-type: none"> ■ Full standing height ■ Spacious interior ■ 2nd bed possible
Cab GN: The roomy one (wide, long, standard height)	2,440 x 2,280	1	TGX	Special uses in local transport (e.g. building materials, wood)	<ul style="list-style-type: none"> ■ Compact size ■ Convenient passageway ■ Comfortable bed as standard
Cab TM: The comfy one (narrow, long, medium height)	2,240 x 2,280	2	TGS, TGM, TGL	Heavy-load special uses in national long-haul transport	<ul style="list-style-type: none"> ■ 2 sleeping spaces ■ Capacious exterior storage compartment ■ Expanded standing space in passageway
Cab TN: The flexible one (narrow, long, standard height)	2,240 x 2,280	1	TGS, TGM, TGL	Local and distribution transport, off-road transport, municipal services	<ul style="list-style-type: none"> ■ 1 sleeping space ■ Capacious exterior storage compartment ■ Expanded standing space in passageway
Cab NN: The practical one (narrow, medium length, standard height)	2,240 x 1,880	–	TGS	Local and distribution transport, off-road transport, municipal services	<ul style="list-style-type: none"> ■ Space behind seats for work clothes, etc.
Cab CC: The compact one (narrow, short, standard height)	2,240 x 1,620	–	TGM, TGL	Local and distribution transport, off-road transport, municipal services	<ul style="list-style-type: none"> ■ Comfortable height ■ 3rd seat possible ■ Additional storage spaces in midsection
Cab DN: The crew cab	2,240 x 2,790	–	TGM, TGL	Construction transport, municipal services	<ul style="list-style-type: none"> ■ 6 (optionally 7) seats ■ Comfortable height



BETTER AERODYNAMICS. MORE EFFICIENCY.

Better aerodynamics mean using less fuel. The MAN TGX and TGS have special A-pillar cladding that improves airflow around the front of the truck, reducing drag. MAN trucks with the MAN OptiView mirror replacement system¹ benefit even more from this improved airflow, making driving more efficient.

The MAN TGX is designed to reduce the gap between the cab and the trailer, which helps to cut down on wind resistance. The side flaps and roof spoiler can be adjusted to close the space between the cab and trailer, ensuring smooth airflow even in windy conditions. A flexible piece of plastic closes the gap between the door and the bumper, further improving aerodynamics.

¹Optional equipment at extra cost.

EFFICIENCY THAT GOES THE DISTANCE.

MAN EfficientCruise with PredictiveDrive.

Our efficiency-enhancing assistance systems, like the GPS-assisted cruise control MAN EfficientCruise with MAN PredictiveDrive, help drivers make economical decisions. MAN EfficientCruise intelligently selects the best speed and gear shifting strategies for fuel savings. The MAN EfficientCruise detects uphill and downhill gradients along the route up to three kilometres (two miles) in advance. This enables the cruise control to adjust the selected gear and speed, ensuring optimal fuel efficiency. Downshifts are suppressed where appropriate, minimising traction interruptions and enhancing fuel savings. The driver simply selects the desired speed and one of the four possible speed tolerance levels¹ (ECO Level I – IIII). The ECO Level can be adjusted at any time while driving.

New generation of hypoid axles.

Our new generation of hypoid axles² is not only lighter but more efficient, providing an optimal driveline configuration for any application, whether it's a single axle or tandem-axle assembly.

¹ ECO Level I: Lowest deviation from the set speed.

ECO-Level IIII: Maximum deviation from the set speed.

² Available for MAN TGX and TGS. Also for MAN TGM vehicles with 13 t rear axle.



THE MAN DRIVETRAIN. ENGINEERED FOR GREAT EFFICIENCY.

Achieve optimal performance with MAN trucks, featuring six engines: the MAN D38 for heavy-duty tasks, the MAN D26, the D30, the D15, and the D08. Each engine delivers high performance, efficiency, and the trusted reliability of MAN, making your truck a strong and cost-effective asset for your business. With every development stage, we reduce fuel consumption and boost performance. The MAN D26 in Euro VIe, for example, is an absolute powerhouse, delivering an impressive 10 hp and 50 Nm more to the road while

still consuming up to 3.3% less fuel. The D26 engine now also comes with a peak power rating of 540 hp.

With a maximum efficiency of over 50%, the new D30 engine is one of the most advanced commercial vehicle engines. Together with drive components such as the MAN TipMatic 14 and new hypoid axle portfolio, the resulting MAN D30 PowerLion driveline along with improved vehicle aerodynamics, help achieve significant fuel savings.

Truck Engines Euro VI

	Type	Capacity	Rated output	Max. torque
D0834	R4	4.6 l	118 kW (160 hp)	600 Nm
	R4	4.6 l	140 kW (190 hp)	750 Nm
	R4	4.6 l	162 kW (220 hp)	850 Nm
D0836	R6	6.9 l	184 kW (250 hp)	1 050 Nm
	R6	6.9 l	213 kW (290 hp)	1 150 Nm
	R6	6.9 l	235 kW (320 hp)	1 250 Nm
D1556	R6	9.0 l	243 kW (330 hp)	1 600 Nm
	R6	9.0 l	265 kW (360 hp)	1 700 Nm
	R6	9.0 l	294 kW (400 hp)	1 800 Nm
D2676	R6	12.4 l	324 kW (440 hp)	2 250 Nm
	R6	12.4 l	353 kW (480 hp)	2 450 Nm
	R6	12.4 l	382 kW (520 hp)	2 650 Nm
	R6	12.4 l	397 kW (540 hp)	2 650 Nm
D3066	R6	12.7 l	279 kW (380 hp)	2 100 Nm
	R6	12.7 l	302 kW (410 hp)	2 180 Nm
	R6	12.7 l	324 kW (440 hp)	2 300 Nm
	R6	12.7 l	353 kW (480 hp)	2 500 Nm
	R6	12.7 l	382 kW (520 hp)	2 650 Nm
	R6	12.7 l	412 kW (560 hp)	2 800 Nm

D3876	R6	15.2 l	397 kW (540 hp)	2 700 Nm
	R6	15.2 l	427 kW (580 hp)	2 900 Nm
	R6	15.2 l	471 kW (640 hp)	3 000 Nm

TGE Diesel engines

Drive system	Capacity (cm³)	Rated output [kW (bhp)]	Max. torque	Emission level
Front wheel drive	1.968	103 kW (140 hp)	360 Nm	EU6e (EA) ¹ /Euro VIe ²
Front/Rear/Four-wheel drive	1.968	120 kW (163 hp)	410 Nm	Euro VIe ²
Front and Four-wheel drive	1.968	130 kW (177 hp)	410 Nm	EU6e (EA) ¹

¹ Light duty homologation

² Heavy duty homologation

SIMPLY MORE EFFICIENT.

All-wheel drive technology.

MAN vehicles with permanent or selectable all-wheel drive are the ideal solution for applications requiring maximum traction. For occasional driving in rough terrain, when maximum traction with large axle articulation is required, selectable mechanical all-wheel drive is the best choice. With permanent mechanical all-wheel drive, you are ideally equipped for frequent high-traction requirements with less axle articulation. The all-wheel drive is available in 4x4, 6x6, 8x6, and 8x8 configuration. Power is distributed by two-speed MAN transfer cases.

The MAN TGM is equipped with an optional electronic transfer case and lock management system, designed to enhance driver support by facilitating operation of the vehicle in various on- and off-road conditions, ensuring optimal traction and reducing strain on the powertrain. Furthermore, the engagement and disengagement of differential locks in the MAN TGX and MAN TGS is electronically monitored for added safety and control.

MAN HydroDrive.

The hydrostatic front-wheel drive MAN HydroDrive offers enhanced traction at the touch of a button. The additional traction increases driving safety and expands the range of applications of your vehicle. In unpredictable environments with slippery terrain, mud, and gravel, this system ensures reliable performance where rear-wheel drive trucks would struggle. Combined with the MAN PriTarder, a wear-free additional brake that acts directly on the engine, the MAN HydroDrive system guarantees optimal braking force.

The MAN HydroDrive, when combined with the differential lock, is the ideal solution for navigating routes with particularly challenging topography. The hydrostatic drive ensures significantly enhanced traction, even on loose road surfaces. In situations where traction is of the utmost importance, a simple rotation of a rotary switch is all it takes to engage optimal drive in both forward and reverse gears.

MAN TipMatic.

MAN TipMatic includes pre-programmed driving settings for various situations, such as the fuel-saving efficiency program, manoeuvre mode, heavy load programs, and performance mode for a more agile driving style. With the Offroad Driving Programme, MAN TipMatic ensures higher gear speeds and minimal traction interruptions on steep or uneven terrain.





MAN PowerMatic for TGM and TGL.

The MAN PowerMatic is a torque-converter automatic gearbox in which the gear shift strategy and gears are selected automatically. The hydrodynamic torque converter enables particularly powerful and virtually wear-free driving off as well as sensitive, precise manoeuvring. The low weight of the gearbox allows the vehicle to have a higher payload. In addition, MAN PowerMatic saves fuel while ensuring a high level of driving and operating comfort.

Continuous braking performance.

The EVBec (Exhaust Valve Brake) as a further development of the MAN EVB engine has many advantages, e.g. an improved braking effect by controlling the exhaust gas back pressure, significantly increased brake output especially in the lower engine speed range, overheating protection during long braking operations and constant brake output whether the engine speed is rising or falling.

With the innovative MAN PriTarder, the MAN TGS comes with a highly efficient primary brake system that is one of a kind.

The Turbo EVBec engine brake with MAN PriTarder improves brake performance even at medium speed, enabling safe and low-wear downhill driving. The Turbo EVBec with MAN PriTarder in the MAN D26 engine provides up to 625 kW of braking power, ensuring safe and wear-free downhill driving. In the MAN D15 engine it allows for smooth regulation of braking power up to 350 kW.

An important component of the new D30 PowerLion driveline is the High performance engine brake CRB (Compression Release Brake), with an engine brake output of up to 355 kW.

SIMPLY MORE TRACTION.

Electronic Brake System (EBS).

The Electronic Brake System (EBS) ensures that the vehicle remains directionally stable and steerable even during emergency braking on slippery roads. It combines the electro-pneumatic brake with the functions of the Antilock Braking System (ABS) and Anti-Slip Control (ASR), optimising driving and braking to enhance safety, comfort and cost-effectiveness.

The EBS also includes active wheel speed sensors that provide accurate and fast speed measurement from just 0.1 km/h. These sensors improve off-road moving-off behaviour with tandem-axle units. The EBS can now be combined with MAN EasyStart, a feature that assists drivers when starting on inclines. This integration ensures that drivers have better control and stability, especially in challenging driving conditions.

Electronic Anti-Slip Control (ASR).

The Anti-Slip Control (ASR) prevents the drive wheels from spinning when the vehicle is moving off or accelerating. This improves traction, particularly on slippery surfaces, ensuring a stable driving experience. The Electronic Brake System (EBS), which uses active wheel speed sensors, allows for the integration of Anti-Slip Control (ASR) in vehicles equipped with MAN HydroDrive. This enhances traction in situations where a front wheel exhibits excessive spinning on one side.



THE RUNNING GEAR.

Axle and suspension systems.

We offer various axle systems, including planetary and hypoid, with different transmissions and parabolic or air suspension. The planetary axle also comes with trapezoidal suspension. Parabolic suspension is a great option, but air suspension is the best.

The weight-optimized hypoid axle is 180 kg lighter than the standard hypoid axle and 280 kg lighter than the planetary axle, with similar ground clearance. Vehicles with leaf springs have simple tandem hypoid axles in standard and medium-high heights. Vehicles with air suspension are available in standard design.

Construction air suspension.

MAN specializes in construction air suspension for rear planetary axles, available for medium-height and all-wheel drive construction vehicles. With standard lifting and lowering equipment, it supports up to 13 tons per rear axle, making it perfect for demanding construction work and challenging terrains. The electronic leveling system Vehicle Air Suspension Control (VASC) ensures a smooth ride in any load condition, protecting the vehicle, body, load, and road. Internal stabilizers are also available for use with road finishers.

Vehicle Air Suspension Control (VASC).

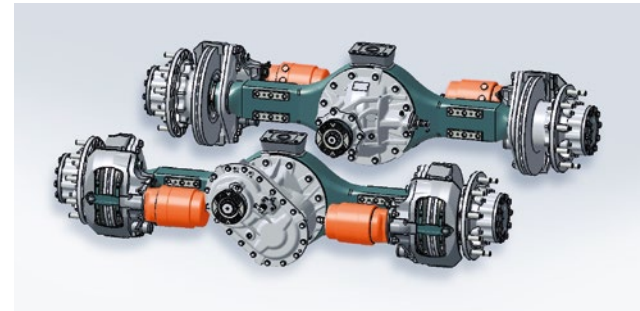
The Vehicle Air Suspension Control (VASC) allows the vehicle frame to be raised and lowered to suit various scenarios. The control unit for VASC is installed next to the driver's seat, enabling quick and precise adjustments to the vehicle frame height, such as aligning the cargo space floor with the loading ramp. Additionally, an extended control unit allows VASC to be operated via the multifunction steering wheel and a menu on the instrument display.



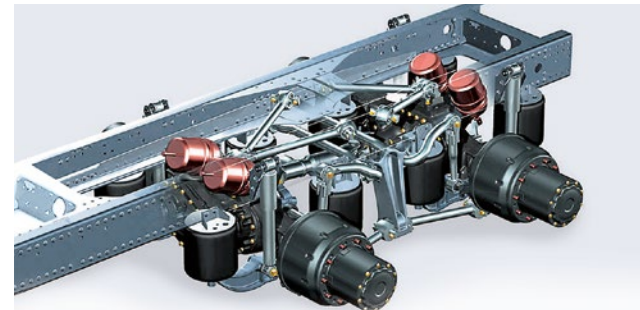
Planetary axle



Hypoid axle



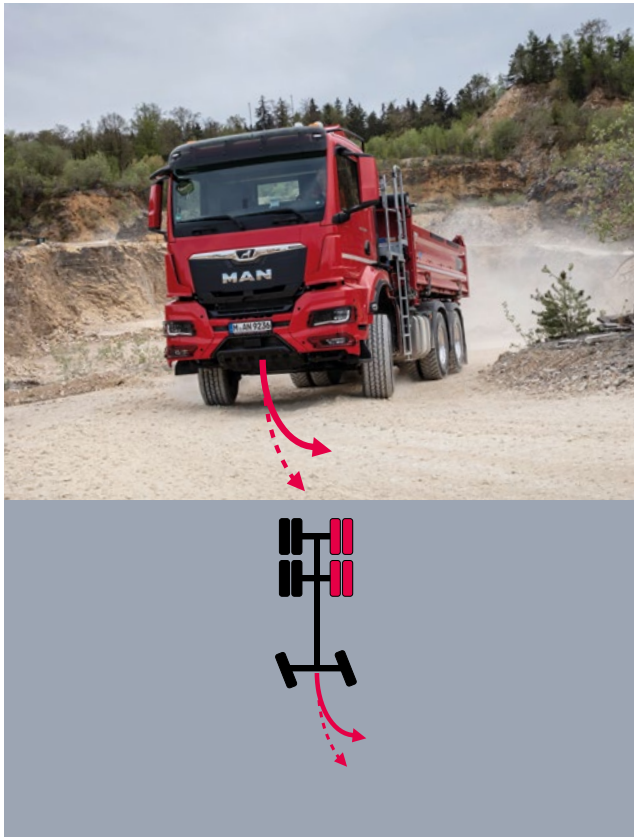
Light tandem hypoid axle



Construction air suspension

Steering brake.

Take the sharpest bends. With the steering brake function activated, the rear wheels on the inside of the bend are braked depending on how far the steering wheel is turned. This considerably decreases the turning circle. The steering brake, which is available for the 6x4 and 8x4 vehicles with tandem axles, is activated by pressing a button and functions at speeds of up to 30 km/h.



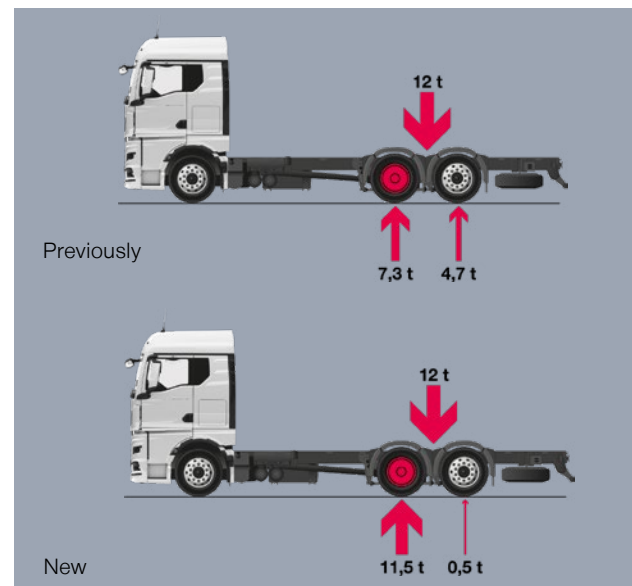
Functional principle steering brake

Hill-climbing brake.

The hill-climbing brake for MAN all-wheel vehicles acts pneumatically on all wheels, holding the truck reliably when stopping and moving off, and is controlled by the driver on hills. As opposed to systems that use spring reservoirs to brake only the rear axle, a MAN all-wheel truck equipped with the hill-climbing brake can't slip.

Variable axle load ratio.

With variable axle load ratio, the drive axle always has optimal traction, regardless of loading height. The drive axle is fully loaded until it reaches the prescribed axle load. Afterwards, the additional load is absorbed by the auxiliary axle – without lowering the drive axle load. The axle load is therefore not fixed but rather distributed variably between the rear axles, so that the drive axle has sufficient traction in any loading condition and the legally prescribed minimum axle load is not fallen short of in any loading condition. The system does not have to be switched on separately; it is always active.



Variable axle load ratio

Second rear axle relievable (moving-off aid with speed limitation).

The pressure levels of two driven rear axles can be set by means of a button so that the rearmost drive axle is relieved. This primarily improves steerability and reduces wear. The interaxle differential lock of the rear drive axles must be activated beforehand so that the drive torque remains on the loaded axle and is not transferred to the 2nd relieved axle. Axle load relief remains active up to a speed of approx. 30 km/h or until the button is pressed again.

10-tonne front axle¹.

Depending on country-specific requirements, particularly powerful body concepts that require a bearing load of 10 tonnes on the front axle can be implemented.

MAN ComfortSteering².

MAN ComfortSteering helps the driver to steer and forms the basis of other assistance systems such as Lane Return Assist (LRA). Because the steering forces are adapted to the road speed, the strain is taken off the driver and there is ease of movement when manoeuvring and ability to stay in a lane at high speed.

¹ Availability depending on the wheel configuration

² Availability depending on the vehicle type



SIMPLY RELIABLE. SIMPLY SECURE.

24V Battery management system¹.

The 24V battery management system is the answer to the problems of empty batteries and downtime due to excessive use of electrical devices during idle times. It comprehensively monitors the condition of the battery to recognise critical conditions at an early stage and ensure that the vehicle engine is able to start. If a discharge state is imminent, comfort consumers are automatically switched off first, then functional consumers and only then all consumers.

Cyber Security.

The integration of electronic systems and the availability of data can bring both advantages and challenges. On the positive side, this connectivity allows for new useful features and applications that can enhance the driving experience. However, it also creates potential opportunities for hackers to target these systems. Therefore, MAN ensures that all electronic systems are well-protected to prevent any unauthorised access or misuse.

¹Optional equipment at extra cost.



SIMPLY DIGITAL. MAN DIGITALSERVICES.

High costs and time pressure make the job in your industry particularly challenging, but we have the answers. Every vehicle in your fleet must operate as economically as possible, requiring efficient driving behaviour and effective repair management. With an internet-enabled truck featuring over-the-air upgrades, you can access key vehicle data and performance metrics directly on your desktop.

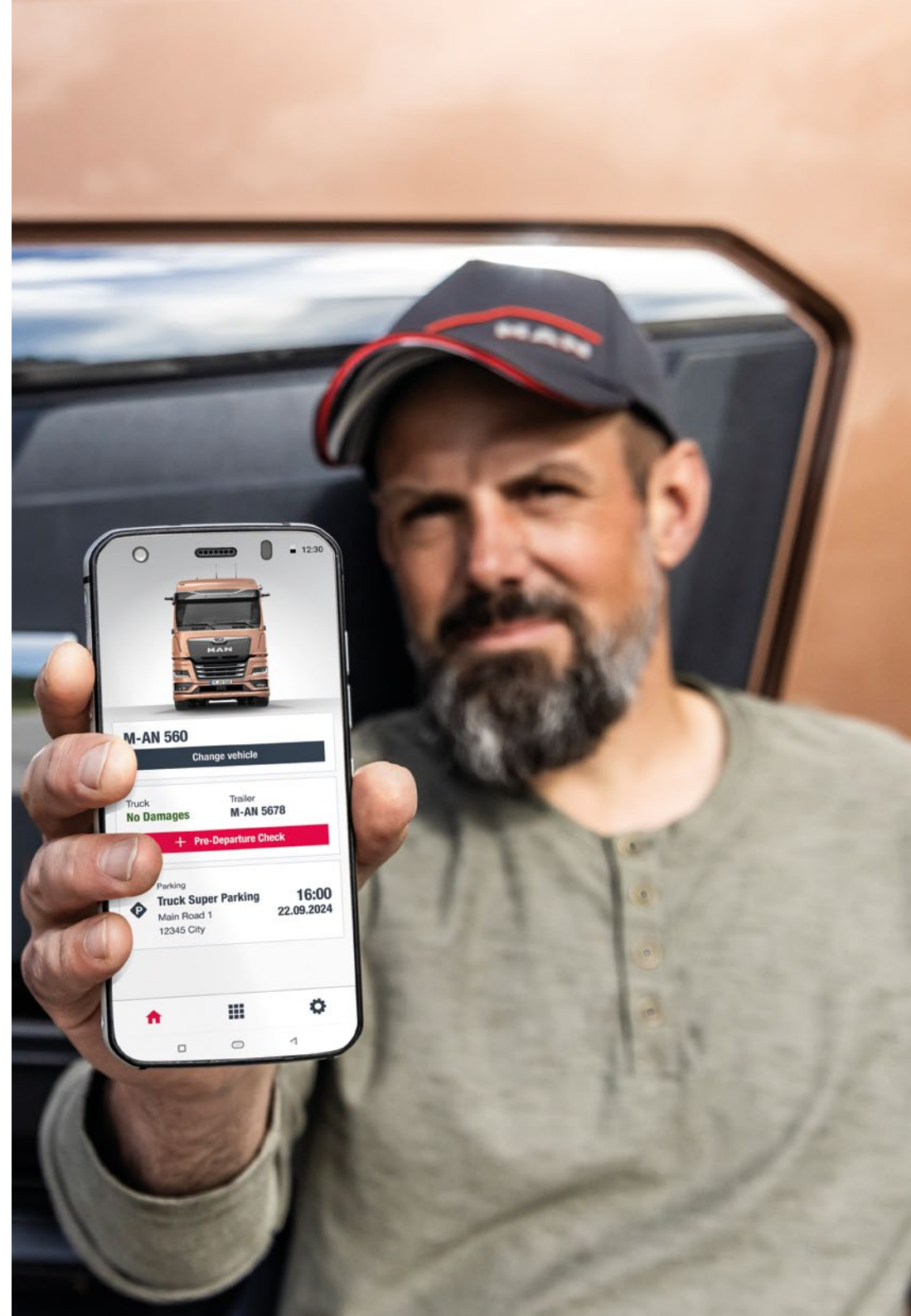
Try the MAN DigitalServices for three months for free. Our trial offer¹ includes the following paid-for digital services: Geo, Perform, Compliant, MAN ServiceCare M, and Timed. Your free trial will automatically end after three months, with no further obligation. The trial offer is valid for all vehicles** in your fleet during your registered trial period.

Outsourcing maintenance to your MAN Service Centre or maintaining digital connections between drivers and fleet managers will enhance efficiency and facilitate streamlined work processes. These benefits will also contribute to financial savings.

MAN Driver App.

The MAN Driver App is a digital service designed to provide drivers with essential information regarding their MAN vehicles. The app is available in 26 languages, making it a versatile solution for drivers worldwide. Its user-friendly interface offers features like pre-departure vehicle checks, connecting with MAN Mobile24 in the event of breakdowns, sending damage notifications to fleet managers, online parking searches, and monitoring driving and rest times. This free app connects drivers, fleet managers, and workshops and is continuously updated with new features to make drivers' jobs easier.

¹ Valid for customers who don't already pay for MAN DigitalServices





MAN ServiceCare.

Regular maintenance is essential for minimising unscheduled downtime and repair costs for your fleet. Our free MAN ServiceCare S is designed to address these needs by facilitating proactive maintenance and repair management. The service utilises vehicle and maintenance data, which is securely transmitted to MAN ServiceCare via the Internet. Your MAN Service Centre then uses this information to schedule maintenance appointments and optimise your maintenance tasks.

Furthermore, your nearest MAN service centre can use remote vehicle diagnostics to access targeted vehicle data, offering a more personalised service in the event of a breakdown. The fee-based MAN ServiceCare M provides all the benefits of MAN ServiceCare S, along with additional tools for more personalised maintenance and repair management across your entire fleet.

MAN Now.

With MAN Now, you receive exclusive vehicle functionalities and upgrades, allowing you to modify your truck software to meet your requirements at any time and in any location, without having to visit a MAN service outlet. Thanks to the new over-the-air technology, you can easily enable and expand functions or add new ones, making the vehicle configuration process more flexible.

The following features* are available for all vehicles with a model year of 2020 or later:

- MAN OnlineTraffic
- MAN MapUpdate

The following features are available for all vehicles with a model year between 2022 and 2025:

- MAN LanguagePackage
- MAN LanguageRecognition
- MAN Idle Shutdown
- MAN EfficientCruise
- MAN EfficientRoll
- MAN TimeInfo
- MAN TimeControl
- MAN TipMatic

MAN SimplePay.

MAN SimplePay is a digital platform that enables transport and logistics companies to store their fuel cards electronically and assign them to specific vehicles. The RIO platform provides a comprehensive overview of all business expenses.

MAN SimplePay aims to enhance operational efficiency by offering features such as authorising refuelling transactions through the MAN Driver App or the MAN media system. Drivers can also reserve transactions for parking and vehicle washing in advance via the MAN Driver App and pay using the stored fuel cards.

* Technical requirements for these features are a RIO Box, registration on the RIO platform and activation of your vehicles. The range of over-the-air features is being continually expanded.



EVEN HEROES NEED A STRONG PARTNER.

At MAN, we know that a truck that keeps running is a good truck. That's why our MAN trucks are built to be tough and reliable. But if you ever need us, we're always ready to get you back on the road as quickly as possible.

MAN Mobile24.

Our MAN Mobile24 breakdown service is there for you 24/7, anywhere in Europe. We've enhanced the service with additional solutions to ensure that in case of a breakdown, your vehicle is well taken care of, keeping you on the road.

MAN Uptime Guarantee.

The MAN Uptime Guarantee keeps you moving. We are never far away in the event of a breakdown and, even if downtime or repairs are required, we will get you back on the road in no time.

MAN Service Contracts.

We are dedicated to helping you save time, money and provide a stress-free experience. MAN Service Contracts handles all aspects of your needs, from servicing and invoice management to answering questions about guarantees and goodwill.

MAN Genuine Parts.

MAN Genuine Parts are the ideal match for your vehicle, meeting strict quality standards to ensure optimum performance and longevity.

MAN Genuine Accessories.

Our high-quality accessories allow you to customise your MAN vehicle to meet your specific requirements. Our products are designed to precisely match your MAN model, ensuring a perfect fit.



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information



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