

MAN INDIVIDUAL

MAN. Just the way you want it.



WE BUILD THE MAN YOU NEED. EXACTLY THAT MAN.

Producing close to 90,000 vehicles a year, MAN is one of the leading manufacturers of commercial vehicles in Europe. The areas of application for our vehicles are as diverse as your needs. Our standard production vehicles can also be optimised to meet your specific demands.

This is where MAN Individual comes in. We design, engineer and build your MAN in exact accordance with your requirements and specifications. And then, only then, is it just the MAN for you.



NOTHING OFF THE PEG. ALL TAILORED.

MAN series



MAN Individual



Body manufacturer



Customer benefits



We are MAN. We've been producing trucks for over a century. For just as long, we've been keenly aware of our customers' requirements in all segments. We combine our modular know-how with our sector-specific expertise to achieve the optimal result: your own personal MAN.

Frédéric Jakowatz, Head of MAN Individual business unit

In principle, MAN Individual is quite straightforward: the cab, chassis or driveline module of the standard vehicle is modified, either modularly or individually, the appropriate body is added and, finally, the resulting vehicle is optimally prepared for its specific use. What makes it difficult are the maximum individual requirements and the wide range of possibilities.

In the end, it's always the perfect interplay between all the different components that is crucial to the result. The right network, and the professionalism and experience of the body specialists involved; the cooperation between the teams, the plant and the respective competence centre; and the integration of MAN Service are the decisive parameters for achieving the optimal result. Our services range

from the preparation of the preparation of offers for the specific construction of vehicles to their actual production, as well as quality assurance, with the option of using third-party components that comply with the highest MAN quality specifications. Throughout the process, you have a single contact who keeps our quality promise: a singlesource, entirely customised solution – nothing ready-made.



My job gives me new motivation every day. Nothing is ready-made, it's all customised. Strictly speaking, each and every one of our products is unique – tailor-made for the customer. Jan Schiermeister, Head of Development MAN Individual Truck

YOUR MAN NEEDS THREE THINGS: CAB, CHASSIS, DRIVELINE.

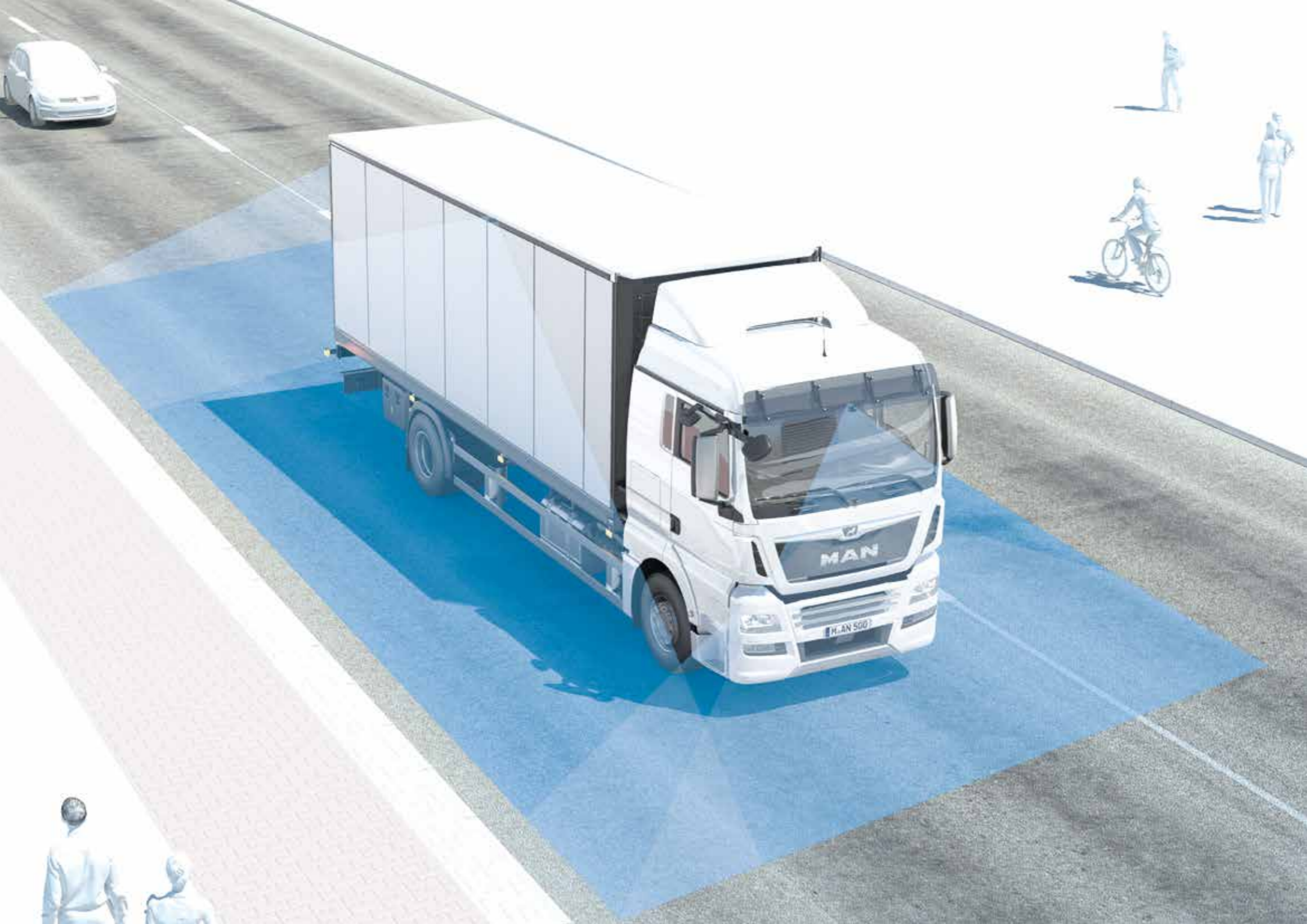
One thing is clear: nobody knows our vehicles like we do. And modifications to series-production vehicles are best left to the people who built them: us. We call this modular competence, and it is concentrated in three areas.

Cab module: Space for the driver is a must. All the rest is optional and variable, inside and out – anything is possible. Whether it's roof cutting or lowering, top-sleepers, bench seats, bunks and fittings combinations, cab halving and glazing, special swivel seats for chipper trucks, original doors with a sliding-door function, special roof hatches or extensions to the cab – our core competencies include all kinds of customised modifications.

Chassis module: Besides the engine itself, the chassis is the technical basis of every vehicle. Changes to axles and wheelbases, expanding the chassis by adding axles such as leading or trailing axles, and equipping the chassis with mechanical electro-hydraulic steering systems are some of the common modifications carried out on the chassis and, as such, are staples in our range of services. Supplementing these are bodies, additional equipment boxes for special tools and other preparations installed to precisely meet your individual specifications and wishes.

Driveline module: In order to utilise the power of the engine with maximum efficiency, modifications to the driveline are sensible alternatives. Matched to individual requirements, we integrate specialised drives, manual and automatic gearboxes, and automatic converter transmissions. With retarders for wear-free braking, transfer case or creeper gearboxes for vehicles that work at low speeds, anything is possible.





MAN Video Turning System



MAN BirdView: The 360° HD camera system



MAN Rear-view Camera System

BYE-BYE TO BLIND SPOTS. MAN CAMERA SYSTEMS.

Only those dangers that are detected in time can be avoided. The complete exclusion of areas difficult or impossible to see is therefore an urgent imperative.

With the innovative MAN 360° HD camera system, safety risks from hard-to-view areas when turning, changing lanes or reversing and manoeuvring in confined spaces can be significantly minimised. Especially important are the blind spots – those areas that cannot be seen with the help of the rear-view and side mirrors.

The MAN Video Turning System captures this area with a wide-angle camera mounted on the outside of the vehicle, and transmits the image to the vehicle display. As an option, adding optical and acoustic signals can warn of approaching road users and help to prevent accidents in a very efficient manner. And this must be the ultimate goal – for our drivers and for all other road users: to return home safely.



YOUR SEAT AT THE TABLE. MAKE YOURSELF AT HOME.

No driver's cab anywhere can replace home. We know that. But at the same time, we work to make sure that drivers feel as relaxed and comfortable while on the road as they do in their own home. Well, at least a little...

No table, no dice! Anyone on the road for a long time looks forward to the moment when the table stored at the lower bunk is finally folded out in the evening. This can be done in no time thanks to an easy-to-use swivel mechanism. The table is ideal for combining with the rotating co-driver's seat.

This turns the driver's cab into an inviting place to have a meal or finish up the day's work. And to make sure you know you're in the right place when you get in, the interior can be personalised with easy-to-fit, wear-resistant seat covers that

match perfectly to the contour of the seat. Material, colour design and, above all, company or club logos turn a driver's cab into a highly recognisable feature: Here we are!





Feel-good entertainment: the brilliant LED display is the ideal platform for every entertainment programme.



Storage can be this good: exterior LED lighting on the storage cabinet with various colour programmes



Perfect for the self-sufficient: an on-board kitchen



A rested driver drives better: a hammock for relaxing

WHAT'S INSIDE: IT'S THE ONLY THING THAT COUNTS.

There's always something special that sets a workplace apart from the rest, whether it is stationary or mobile. And the quality of the workplace plays a huge role in creating that special something.

For people who sit behind the wheel every day, the quality of of workplace equipment is very important, quite aside from the work itself. Creating a positive work environment shows how important your drivers are to you – ideally, they are very important indeed.

Optimising the quality of the places where good and reliable, independent and responsible work should and must be carried out is always an intelligent investment. Measures like these exponentially increase employee loyalty and the degree

to which they identify with the company. Transform the truck from being a work tool to a place where they feel at home. Equip your vehicles generously and experience an increase in appreciation in return – which ultimately expresses itself in enhanced performance and commitment. MAN Individual offers you a wide variety of equipment to optimally configure the available space: ergonomically designed, extensive storage space with atmospheric lighting, a comfortable place to relax and sleep, a compact galley unit and optimally prepared TV entertainment – we're ready to go!



Vehicle wrapping



Vehicle lighting, e.g. auxiliary headlights or LEDs*



Customisation with stainless steel components.

EXTERIOR: SEE AND BE SEEN.

Exterior styling and design packages for your MAN – visible added value

A feast for the eyes. Appreciation also has a visual aspect to it and you can't make a good first impression twice. So, make sure you pay proper attention to appearances!

It's all psychology. Optimally designed equipment has a significant impact on drivers and on the people who see your trucks pull up. And that's worthwhile. Our exterior styling is primarily for the cab and includes stainless-steel steps or wrapping and lighting components. The Real Style package provides long-lasting appeal with its stainless-steel roof bar with four high-beam halogen headlights, high-shine polished front and side bars with integrated LED* accent lighting,

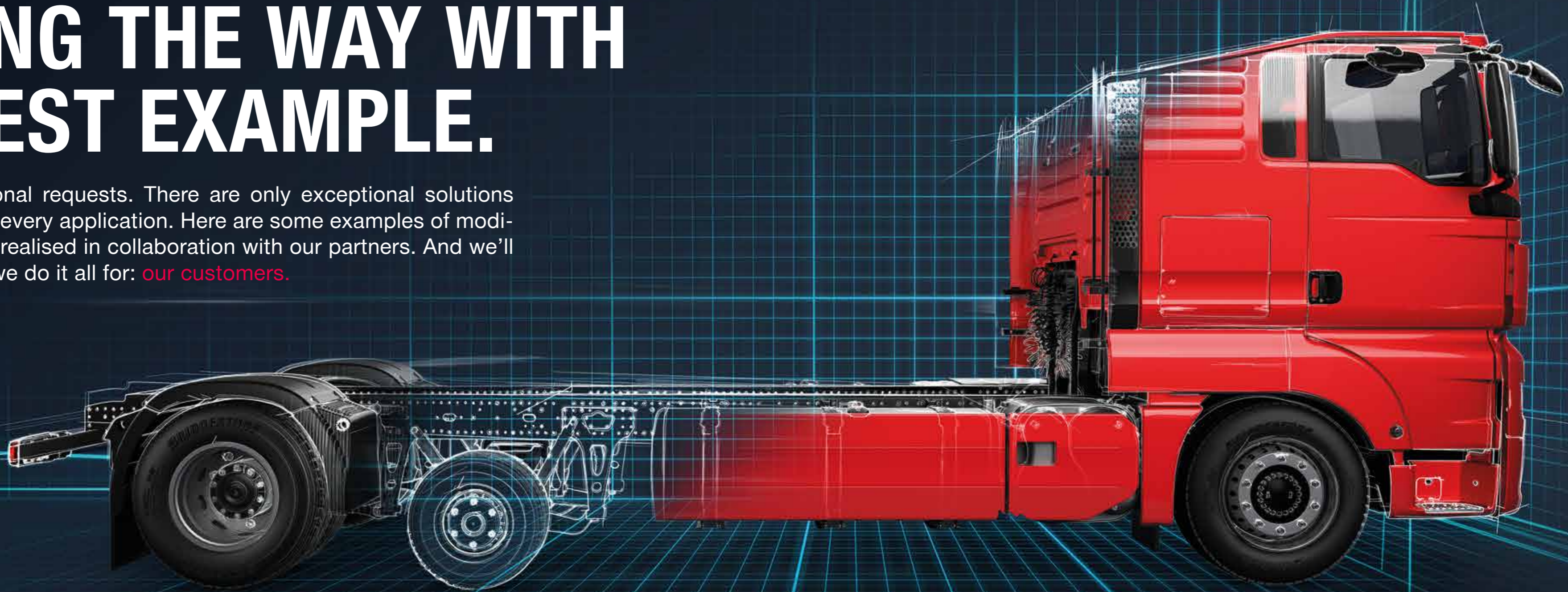
aluminium wheel rims with high-shine polished mudguards, Michelin Class A tyres and stainless steel steps. The standard equipment in the MAN PerformanceLine package includes halogen headlines at the top and LED* accent lighting on the bottom, front and sides for impressive visual appeal.

*not permissible in all countries



LEADING THE WAY WITH THE BEST EXAMPLE.

There are no exceptional requests. There are only exceptional solutions for every purpose and every application. Here are some examples of modifications that we have realised in collaboration with our partners. And we'll hear from the people we do it all for: **our customers.**



UP HILL, DOWN DALE.

»» What we wanted was to develop and implement a concept where the wood chipper and the crane required for feeding could be operated directly from the truck's cab.

Elisabeth Hermeier, Jenz GmbH



Cab glazing for stationary machinery



Central roof recess



Wood chipper in use

Powerful, rugged and reliable in the forest and on the field: MAN special transporters for agriculture and forestry.

A challenging job in every case: through the forest on unpaved tracks, on gravel roads and along narrow, winding stretches or on the field where the going is heavy and the terrain is tough. The right choice in every case: MAN special transporters for agriculture and forestry. MAN Individual turns trucks into machines that are optimised for use in the hardest of conditions: foresters for timber transport, with trunks of up to six metres in length, long timber transporters for trunks of up to 23

metres in length, powerful wood chippers, transporters, silo trucks or tippers for the agricultural sector. MAN Individual fulfils every wish that series production is unable to, making an almost endless variety of vehicle modifications possible. If on-road is the exception rather than the rule in your operations, then our offer is the right one for you, without exception.



Conversion of 120KD power take-off from flange connection to pump connection



Milk collection vehicle. Left side of frame with offset exhaust muffler; right side of frame kept free ex works to reserve space for the superstructure's attachments (roller shutter, see right)



HEADING FRESHWARDS.

Hygienic, clean, at a constant temperature:
MAN food transporters.

They're on the go every day in local and distribution transport, in big cities, small towns and villages, through narrow alleyways and under low entrances, to the furthest corners, filled with all the things we like to eat and the things that provide us with nourishment. MAN vehicles are real doers that combine maximum payload and loading capacity with great manoeuvrability, low overall height and exemplary eco-friendliness.

MAN Individual ideally prepares the models for every type of body, in particular for height-optimised refrigerated bodies, individual roof slopes and power takeoffs, favourably located refrigeration units and every other conceivable specialisation and body variant. A body that we haven't built is yet to be invented. And we'll be the ones to do it.

PIGGYBACK.

» Automotive logistics is a highly specialised business. You need the right tools for it: transporters optimally prepared for a specific application. And that's exactly what we have.

Thomas Radlauer, Thomas Radlauer Autotransporte



Optimising the vehicle height with flat roof at a 16° angle with an option to adjust the cab mount and fit a leading axle

Safe, flexible, economical: MAN special transporters for passenger cars.

Passenger car transport is important work and should never be taken lightly. The cargo – usually ten vehicles cleverly nested on the loading platform – must be shipped to its destination quickly, safely, economically and, above all, without incident. The Euro 6 trucks in the MAN TGX and TGS series are perfectly suited to this because they combine dynamic power, low consumption and high efficiency with great reliability. MAN Individual in turn combines vehicle bodies in open or

closed designs with perfect solutions that have matured over decades of experience, including cab lowering and lowerable front air suspension, lifting leading axles for additional payload, fuel tanks with a capacity of up to 1,400 litres and battery boxes for 225Ah batteries – pro tools for transport pros.



Weight optimisation for tank cradle

STEP ON THE GAS. OR LIQUID.

Maximum safety for maximum payload:
MAN fluid and gas transporters.

The variety is huge: the best place for anything fluid or gaseous that has to be transported is a transporter from MAN. This applies to fluid foodstuffs and silo transports, but above all to heavy and light oils, poisonous chemicals, flammable acids and explosive gases.

The transport of dangerous goods is regulated by the European ADR agreement, which lays down specifications for things such as the construction and testing of the tanks and vehicles used in the transport of dangerous goods. In addition to the vehicle body, which fully complies with the applicable regulations, and alongside options ranging from the compact MAN TGL to its big brother the MAN TGX, the variety of choices when it comes to technical equipment and vehicle design makes for vehicles that are as individual as they come and that are optimised for their application. Safety is something you never leave to chance.



THE CONCRETE DELIVERY MACHINE.



Adjustment to frame trim for PUMI superstructure



Adjustment to frame trim for concrete pump superstructure



Trailing axle fitted (five-axle vehicle ex works)

Efficient and suitable for the construction site: MAN truck mixer vehicles.

Concrete is seldom mixed on site nowadays. Particularly at big construction sites, concrete is delivered – and then just in time. For this reason, reliability is the No.1 priority for a truck mixer, with other requirements such as low dead weight, optimal payload and maximum transport performance. The 8x4 in the

MAN TGS series already meets the European standard for this application with its innovative technology, high level of economic efficiency and the biggest payload advantages in its class, making this real MAN a true working class hero.



Adjustment to frame trim for sweeper structure



Adjustment to frame trim for sweeper structure

THE SWEEPER MAN.

Clean swept, free of ice and snow:
MAN vehicles for street-cleaning and winter services.

The motorways, main arteries, roads, lanes and squares that fall under municipal jurisdiction – that is: all public spaces throughout Europe – should be as clean as possible, free of ice and snow, 24 hours a day, 365 days a year – a gigantic challenge. We have just the right machines for this job, which we optimally prepare at the factory for future operations. Let's get to work.

Brushing and sweeping, cleaning and clearing dust and dirt, snow and ice – this is what needs to be done. As two-axle vehicles with 12 to 18.5 tonnes of permissible gross weight, the MAN TGS and TGM are the perfect bases for installing all kinds of sweeping attachments in a way that optimises space, as required by Euro 6. Depending on the body, even greater manoeuvrability can be achieved by shortening the wheel-base. Another argument for choosing MAN Individual is the option of installing a hydrostatic drive to power the sweeper through the vehicle engine. And finally: the combined leaf/air suspension keeps the vehicle at the same height regardless of its load, thereby significantly reducing the wear on brushes and brooms. As the saying goes: new brooms sweep clean.



THEY DELIVER. AND HOW.



Five-axle vehicle in Korea (wheelbase extension and trailing axle fitted)

Near, far, fast, good. MAN long-haul and distribution transport vehicles.

The economy is running well. The global goods trade is setting new records each year. Everything that is sold has to be transported first, from A to B, safe and sound.

In short-haul and distribution transport, one important economic factor is managing costs by focussing on the big picture. Viewed as a whole, aspects such as energy efficiency, reliability and big payloads play a critical role. We fit our fleet of vehicles for distribution transport – the MAN TGL, MAN TGM and MAN TGS – with outstanding equipment at the factory and optimally prepare the vehicles for

bodies of all types, for wheelbase lengthening, for the fitting of trailing axles and, optionally, for additional space in the MAN TGS with X cab. We at MAN Individual offer you a great variety of solutions and functional options, all of which have one thing in common: they deliver.



Retrofitted leading axle

WORK EQUALS FORCE TIMES DISTANCE.

Optimal suitability of use guaranteed: MAN crane vehicles / sky lifters.

Transporting loads is one thing. Loading, unloading and lifting them on site is another. MAN has optimal solutions for every conceivable application, for solo vehicles, articulated trains, centre-axle trailers, tippers, platform bodies and semitrailer combinations.

Based on the chassis from the MAN TGL, TGM and TGX and TGS series with up to five axles – which is equipped at the factory with the chassis clearances required for supports and hassle-free construction – MAN Individual offers every type of modification for crane and skylifter vehicle bodies, including telescope jib cranes with a lifting height of up to 60 metres and a lifting capacity of up to 70 tonnes, and articulated-jib cranes with

a lifting height of up to 47 metres and a lifting capacity of up to 40 tonnes. Our many years of experience cooperating with all of the well-known body manufacturers and optimally preparing vehicles for the simplified, optimal assembly of bodies reduces costs. Optimal suitability to the max: efficient performance with excellent work!

» To make it to the top you have to stay firmly on the ground. Optimally prepared chassis from MAN ensure this together with our skylifters. By professionals for professionals.

Ingo Albrecht, Palfinger AG

Frame trim, roof modification and wheelbase modification for skylifters



FOR FRIENDS, HELPERS AND RESCUERS.



Frame trim, roof modification and wheelbase modification for skylifters



Glass-fibre-reinforced plastic crew cabin (crew of 1+8), signal technology and emergency service radio equipment

Downright alarming: MAN fire and emergency services vehicles.

If you need them, it usually means that things aren't as they should be. To ensure that help can be provided when it is needed our friends, helpers and rescuers must be able to rely on their equipment – one hundred percent.

At the factory, we ensure our vehicles are ideally prepared to be modified into rescue and emergency vehicles. This includes modifications to the driveline and installing fully automated gearboxes or an additional middle seat with a three-point belt. With MAN Individual on the basis of the TGL, TGM and TGS series, you are sure to find whatever it is that you are looking for when fire-fighting trucks,

large and small fire tender trucks, crew fire-fighting trucks, heavy rescue vehicles and logistical equipment carriers, rescue vehicles with turntable ladders and aerial rescue platforms, swap-body vehicles, disaster relief and civilian defence vehicles and other special-purpose vehicles. But if you still haven't found what you're looking for, we'll do our best to make it possible.



Retrofit leading axle



OMSI PTO for vacuum trucks



VTA (video turning assistant)

DISPOSING OF DISPOSAL CONCERNS.

Neat: MAN vehicles for municipal disposal tasks.

Waste is a commodity – that much is clear. But before it can be utilised, the logistical challenge of collecting it needs to be overcome. Responsible for this are municipal and private-sector waste disposal companies, which collect all of the waste generated by the the private and commercial sectors. And, in order to do so, they need the most suitable transport vehicles. This is where MAN Individual comes in with its specialists, who are capable of anything that is within the realm of possibility.

Household waste, industrial waste, bulky waste, biological waste, recyclable waste or hazardous waste: for every type and every quantity, for all containers and collection points, there is a body designed for the task. As a rule, the basis is a three-axle MAN TGS vehicle with a container volume of up to 30 cubic metres. The optional steered trailing axle combines high payloads with optimum manoeuvrability. All MAN TGS vehicles fulfil the stringent

DIN requirements for refuse collection and are optimally prepared for the seamless assembly of all refuse-collector bodies, whether they are front, rear or side loaders, fixed or swap-body systems. To ensure that just one vehicle can be used to transport cargo and crew, the TGS is fitted with a four-seater bench at the factory – disposing of one more disposal concern.



Right-hand side free for side-loader attachment.

INTERACTION.



Swap-body systems for set-down or roll-off containers – enhanced efficiency thanks to maximised flexibility.

Swap-body systems with set-down or roll-off containers optimise the transport of waste and commodities, while they also optimise logistics as flexible storage and transport containers.

Decrease downtime, increase operating time – that is the basic formula for improving efficiency in transport and logistics. However, it applies to the vehicles, not to the containers, which is why swap-body systems were developed: the vehicle is on the move, the container stays behind. Storage and transport containers can be loaded and unloaded with ease, make reloading processes superfluous, can also be used as temporary storage facilities and have a permanent place in disposal logistics. In the MAN range, you will find a chassis for every type

of swap-body container system, from four to 40 cubic metres. There are two-, three- and four-axle chassis capable of carrying the required loads, including the necessary wheelbases and overhangs. To go with these chassis, there are powerful common-rail engines, axle configurations suited to the application, with leading axle, trailing axle or tandem-axle assembly, as well as a variety of drive configurations. The spectrum extends through to the MAN TGX as a roll-off skip loader for the international long-haul transport of recyclable materials.



POSSIBILITIES WITHOUT BORDERS.

Throughout Europe and internationally, you will find MAN Individual all over the world.

When it comes to customising trucks, there are few borders for MAN Individual, just as there are few limits to our internationality and the range of sectors and fields in which our vehicles operate global ly.

If there is a special task for which no solution has yet been found, then it's just the kind of challenge we want. If you're looking for a partner who can help you make things possible, then we're the people you want. Regardless of where our vehicles

are to be deployed, in Europe or elsewhere in the world, the important thing is that they are by MAN – or even better: MAN Individual.

MAN SERVICE AND GUARANTEE.



**WE TAKE IT PERSONALLY.
WE MAKE YOUR REQUEST OUR BUSINESS.**

Contacts and sites

“From a single source” is how we understand customer service: your MAN, made in accordance with your wishes, from drawing up the quote to the engineering design right up to production, quality assurance and delivery with just one invoice. You have a single contact who deals with all of your requests centrally and works to ensure that you receive the customised chassis or the vehicle you envisaged, quickly and without any complications. We place great value on intensive collaboration with our customers: together we develop the optimal solution for your transport tasks.

Warranty and guarantee included

MAN guarantees and warranties apply to the MAN vehicles that are prepared for special tasks and the vehicles produced by MAN Individual. It goes without saying that you also benefit from the full scope of MAN's high-quality service.

Similarly, there are extensive guarantees for all bodies realised by our professional cooperation partners. Moreover, our international MAN service network guarantees worldwide support and a supply of spare parts, wherever you are. In the end, even though there is a huge difference between a MAN Individual vehicle and a standard one, a MAN is a MAN and always will be.

»» In the beginning, it's just an idea. In the end, it's a reality. It's great that we are able to help.

Florian Reiter, MAN Individual Sales Product Management

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