

Transport Efficiency

What moves the transport branch



- Transport and traffic volume on Europe's roads is rising
- Energy resources and traffic routes must be utilised ever more efficiently
- As one of the world's leading manufacturers, MAN Nutzfahrzeuge makes an important contribution to the continuous improvement of transport efficiency

CONSISTENTLY 
EFFICIENT

Transport Efficiency

Added value for our customers and for the environment



■ More kilometres per litre of diesel

- lower fuel costs
- less CO₂ emissions
- less energy per tonne-kilometre / passenger-kilometre

■ More freight per truck

Less net weight = Greater payload

■ More road safety

- electronic assistant systems prevent accidents
- new traffic information systems reduce traffic jams

■ Highest level of reliability

- Service Contracts ensure excellent availability and calculable costs
- Genuine MAN parts® guarantee quality and durability

■ More comfort for the driver at his workplace

Sophisticated ergonomics = high level of concentration and fitness

■ More service and flexibility

- expert advice at purchase guarantees maximum Transport Efficiency
- flexible financing solutions and fleet management



MAN offers a comprehensive efficiency program to reduce the total costs of ownership at every working point

Transport Efficiency

The comprehensive efficiency program from MAN



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TECHNOLOGY



SERVICE



DRIVER



FUTURE EXPERTISE

Transport Efficiency

Technology from MAN



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TECHNOLOGY

More kilometres per litre of diesel

- Fuel-saving **common-rail diesel engines** with high torque even at low revs
- **Efficient axles** and **MAN TipMatic®** gearbox with intelligent gear-change strategy
- Buses and trucks with outstanding **aerodynamics**
- **MAN Tyre Pressure Monitoring** makes sure that rolling friction is minimal
- **MAN HydroDrive** – innovative traction aid saves weight, reduces friction losses and lowers fuel consumption

More freight per truck

- **High-strength materials** and **lightweight construction** combine to produce vehicles with optimized net weight and greater payload



Less energy per tonne-kilometre / passenger-kilometre

Transport Efficiency

Services from MAN



CONSISTENTLY EFFICIENT



SERVICE

More service & flexibility

- **Competent expert advice at purchase** guarantees that the customer gets the perfectly matching bus or truck for its respective purpose
- MAN offers efficient **fleet management**
 - financing with transport branch competence from **MAN Finance**
 - leasing offers that cover order peaks from **MAN Rental**
 - fleet management by mouse click with **MAN TeleMatics**

Highest degree of reliability

- **Specialized service contracts** ensure
 - that costs are transparent and can be calculated to the cent per kilometre
 - perfect maintenance = excellent vehicle availability and short downtimes
 - high resale value of the vehicle
- Passengers and freight arrive **punctually and reliably at their destinations**
- Genuine **MAN parts®** guarantee quality and durability

Transport Efficiency

Driver-oriented solutions from MAN



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DRIVER

More comfort for the driver at his workplace

- **Easy-to-read instruments** and **easy-to-reach controls** = MAN trucks and buses can be controlled with confidence
- MAN's cabs offer the **largest interior space** on the market
- High-quality seats and very **good air-conditioning**
- All features make for **relaxed, safe driving, and the best possible regeneration**

More road safety

- Electronic assistant systems prevent accidents
 - **braking assistant** and stability program **ESP**
 - adaptive cruise control (**ACC**)
 - lane guard system (**LGS**)
- **Continuous damping control** in buses and trucks increases driving safety
- **MAN ProfiDrive® Economy- and Safety Trainings**
 - efficient training options for professional drivers
 - economical style of driving
 - secure control of the vehicle in critical situations

Transport Efficiency

Research & Development for tomorrow



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FUTURE EXPERTISE

More kilometres per litre of diesel

- MAN is developing **ideas for sustainable mobility** in order to bring goods and passengers to their destinations efficiently and environmentally-friendly
- **Innovative vehicle concepts** decrease fuel consumption and CO₂ emissions
e.g. with improved aerodynamics, hybrid drives, or heat recuperation
- Engines designed for **alternative energy carriers** reduce emissions and dependence on fossil fuels
e.g. second-generation synthetic biofuels

More road safety

- In cooperation with partners from science and industry, MAN is researching **new assistant and information systems** that use traffic routes more safely and more intelligently

Projects

- **AKTIV**: new technologies for intelligent traffic flow without traffic jams
- **EuroFOT**: the effect of assistant systems in real traffic
- **Freight Transport Foresight 2050**: transporting goods in the future
- **European Bus of the Future**: new technologies for city buses