



TATRA TAKES YOU FURTHER

**TATRA
PHOENIX**

**MADE FOR
EXTREME TERRAIN**



**TATRA
PHOENIX**

TATRA TAKES YOU FURTHER

OFF-ROAD AND ON-ROAD

The new generation of **TATRA PHOENIX** trucks retains the unrivalled concept of a chassis with a central tube and exclusive air suspension on all axles. It features a completely new modern cab with excellent driver ergonomics, safety and comfort, excellent aerodynamics, improved engines optimally matched to optimised transmissions.

For more than a decade, **TATRA PHOENIX** trucks have been indispensable helpers not only in the toughest conditions on our planet, but also offer optimal efficiency and excellent driving stability even on paved roads.

TATRA IN ACTION

THIS VIDEO IS WORTH A THOUSAND WORDS,
SEE FOR YOURSELF.
[YOUTUBE.COM/TATRATRUCKS](https://www.youtube.com/tatratrucks)





TATRA SERVICE PLUS,
SCHOOL, PARTS
14-15

CHASSIS UNITS, ENGINES,
& TRANSMISSIONS
12-13

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BENEFITS

UNIQUE TATRA SOLUTION

What does the motto „**TATRA TAKES YOU FURTHER**“ mean to us? It's our philosophy that we put into every detail of our work. Where others see obstacles, **TATRA** sees a challenge. It's an idea we apply indiscriminately to all **TATRA** vehicles to get you anywhere, anytime, whatever the conditions.

That's why customers depend on **TATRA** vehicles for the harshest conditions and know it will never let them down.



Do you want to offer your clients reliable transport in any weather (snow, ice, rain...)?



Are you looking for a vehicle that will reliably serve you for 10 years or more?



Do you find yourself needing to get around mountainous areas, on forest or dirt roads, or where there are no roads at all?



Do you want to offer drivers comfort and speed even in the most difficult terrain?



Do you have a fleet of vehicles designed primarily for asphalt roads, and you want a vehicle that can be sent out on any terrain?



Do you want to have a vehicle tailored to your requirements?



Are you looking for one versatile chassis that can handle a wide range of jobs in all types of terrain?



Need to optimise your transport costs?



Do you want to eliminate the risk of damage to the drive train, suspension and superstructure in heavy traffic?



**TATRA
PHOENIX**

CHOOSE YOUR CONFIGURATION

READY FOR ANY TASK

The basic chassis configurations offered for the **TATRA PHOENIX** series are 4x4, 6x6 and 8x8 (8x6).

Special multi-axle configurations such as 10 (12, 14) x 10, 10 (12, 14) x 8 (10, 12), 10 (12, 14) x 6 (8, 10, 12), Hetc. with a selectable number of steerable (and driven) rear axles can also be prepared on request.

Max. GVW	20 t
Approach angle min.	30°
Fording min.	800 mm
Ground clearance min.	300 mm
Turning radius min.	8,7 m



4x4

Max. GVW	30 t
Approach angle min.	30°
Fording min.	800 mm
Ground clearance min.	300 mm
Turning radius min.	9,5 m



6x6

Max. GVW	50 t
Approach angle min.	30°
Fording min.	800 mm
Ground clearance min.	300 mm
Turning radius min.	11 m



8x8





**TATRA
PHOENIX**

SAFETY FIRST

NEW MODERN CAB

- The new generation of **TATRA PHOENIX** vehicles uses a modern cab developed with maximum safety, durability and comfort in mind
- Maximised view from the cab for maximum safety
- Aerodynamically optimised shape for the lowest possible fuel consumption
- Modern dashboard with improved ergonomics and simplified controls



The Corner View system for better vision and visibility around the vehicle



Exterior lighting with LED technology



Wide selection of accessories and design features



Optional windscreen with solar film



Optional door with curbside window for better view



Optional digital camera system



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A detailed view of the interior of a Tatra Phoenix truck cab. The steering wheel is black with a perforated texture and features the Tatra logo and various control buttons. The dashboard is modern and sleek, with a large digital display screen. The center console has a gear shifter and handbrake. The overall design is functional and spacious.

CAB INTERIOR

NEW SHAPE AND SPACE DIMENSION

The new **TATRA PHOENIX** offers a completely new interior with unrivalled views, a luxurious dashboard and increased interior space.

The cab is offered in a short (day) version, an extended (sleeper) version and a sleeper space version with a raised roof with one or two berths.



A NEW LEVEL OF COMFORT

TATRA PHOENIX has primarily the driver in mind. The combination of control buttons and touch screen enhances ride comfort, convenience and ergonomics. This allows the driver to concentrate solely on driving. The newly anatomically designed air-cushioned seats ensure a safe and healthy sitting position throughout the busy day.



Optional touch screens



Sophisticated ergonomics



Door mirror control panel



External illumination control



Large interior space



Sunroof and interior lighting controls



Digital instrument cluster



Premium leather steering wheel*



Digital camera system*

*included as optional equipment

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COMFORT & SAFETY

SYSTEMS TO ENHANCE COMFORT OF VEHICLE OPERATION

Rain and Light Sensor

An electronic sensor located near the windscreen surface detects the presence of water on the glass and automatically triggers the wipers. The light sensor automatically switches on the vehicle's headlights according to the outside conditions, for example, when it is dark or in a tunnel.

Corner View System

The Corner View feature completely eliminates blind spots on the driver and passenger side, further improving safety when driving on or off-road.

Obstacle Detection Radar

Obstacle detection in front of the vehicle is provided by a radar sensor in the AEBS system and the Adaptive Cruise Control (ACC). This sensor can identify objects up to 150 metres in front of the vehicle without detecting moving objects away from the vehicle (e.g. overtaking vehicles).





**TATRA
PHOENIX**

Digital Vision System

A digital vision system is available as an option. The system replaces the main and wide-angle mirrors and consists of cameras mounted on arms that are installed on the cab roof. The cameras transmit images to displays located inside the cab.

Lane Departure Warning System

The Lane Departure Warning System (LDWS) alerts the driver when the vehicle inadvertently leaves its lane. It uses a camera behind the windscreen to detect lanes on the road.

Tire Pressure Monitoring

TPMS monitors the actual tire pressure and temperature on all fitted wheels. If a spare wheel is included in the configuration, it is also monitored. The tire information can be displayed on the digital display.



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CHASSIS

UNIQUE SOLUTION

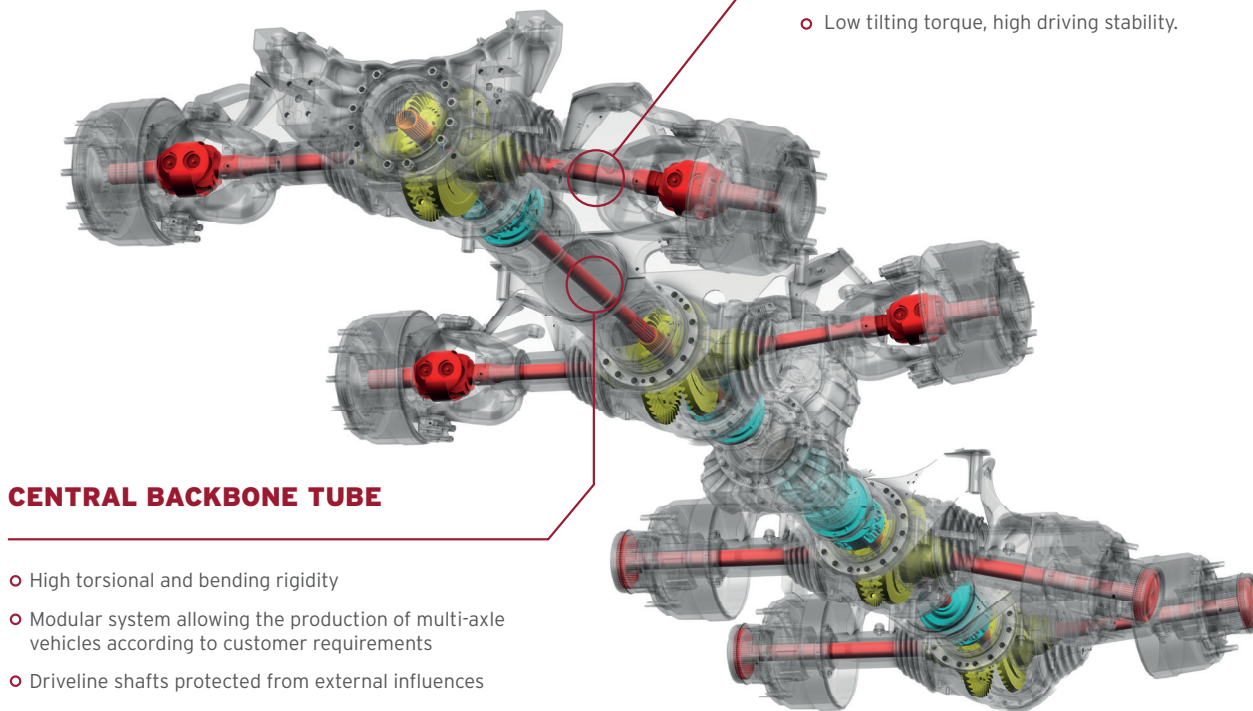
As a characteristic aspect, the **TATRA** chassis feature the central backbone tube, which houses the individual propeller shafts and differentials. This unique solution is complemented by **independently swinging half-axes** and **air** suspension on all axles, which give TATRA trucks unsurpassed driving characteristics.

WHEELBASE OPTIONS

4x4	3 700, 4 090, 4 500 mm
6x6	3 060, 3 440, 3 900, 4 500, 4 847 mm
8x8 (8x6)	2 300, 2 560, 2 950 mm

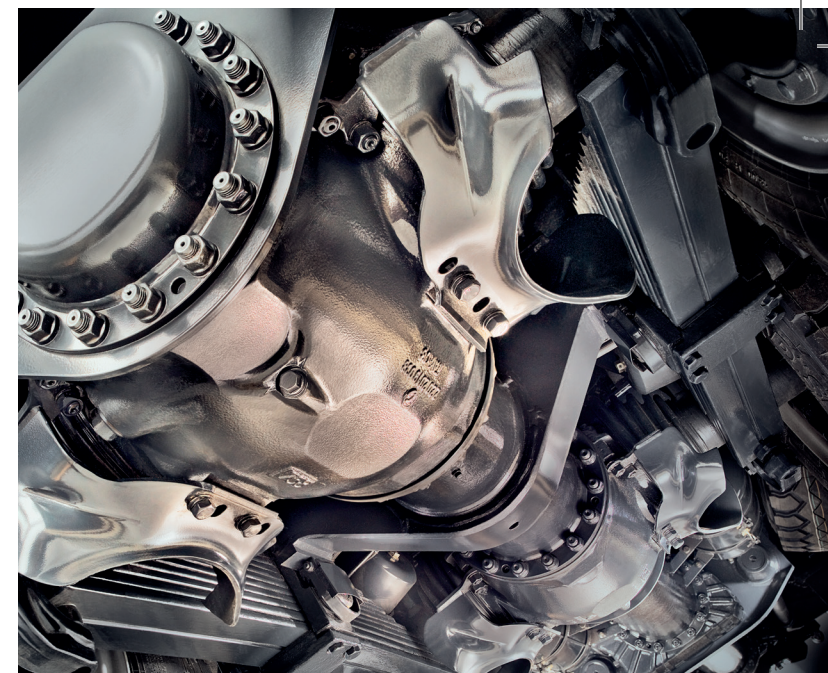
INDEPENDENTLY SWINGING HALF-AXLES

- Vibrations - reduced by up to 30% lower than on a rigid axle vehicle on a panel road.
- Low tilting torque, high driving stability.



CENTRAL BACKBONE TUBE

- High torsional and bending rigidity
- Modular system allowing the production of multi-axle vehicles according to customer requirements
- Driveline shafts protected from external influences
- Low operating costs



Advantages

- Developed for difficult terrain conditions
- Good go-anywhere ability
- High riding comfort
- High transport speed in difficult terrain
- High vehicle stability when cornering and driving on slopes
- Minimal maintenance
- High torsional and bending rigidity of the chassis (vehicle)
- Driveline shafts and differentials housed in a support tube protected from external influences and damage

HOW IT WORKS...

SEE THE TATRA CHASSIS IN THE VIDEO
[YOUTUBE.COM/TATRATRUCKS](https://www.youtube.com/tatratrucks)



ENGINES

PACCAR MX-11 AND MX-13

TATRA PHOENIX is offered with the innovative **PACCAR MX-11** and **MX-13** series engines, which use the latest technology and design approaches resulting in high power and torque values with optimum performance over a wide range of speeds.

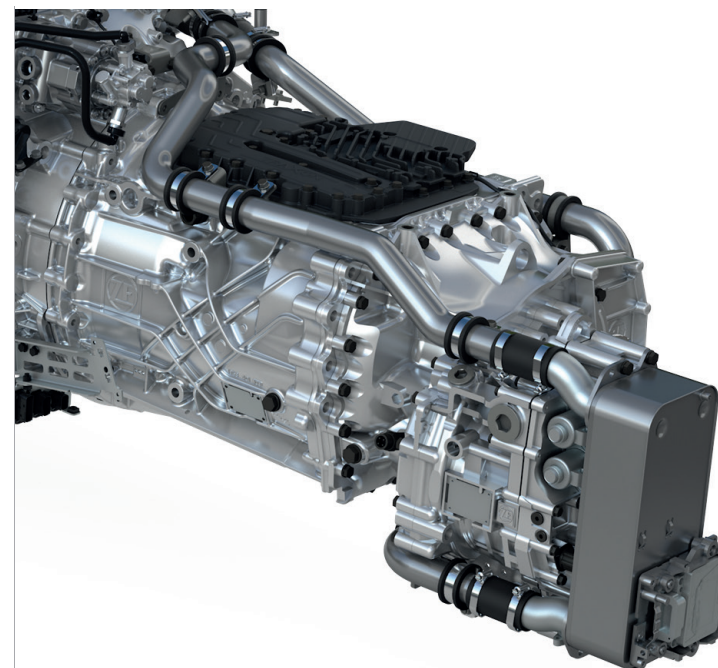
- Lower noise level
- Wide range of power variants
- Highly efficient engine brake
- Optional accessories for specific operation
- Low fuel consumption
- Advanced engine control electronics

PACCAR MX-11

300, 330 kW

PACCAR MX-13

315, 355, 390 kW



TRANSMISSIONS

PERFECT MATCH WITH THE CHASSIS

The **TATRA PHOENIX** vehicles are primarily equipped with **ZF TraXon automated transmissions**, but a fully automatic **Allison** transmission is available as an option.

As an integral part of the chassis support structure, these truck models also feature the **TATRA auxiliary transmission** (drop box), which is connected to the central backbone tube and, thanks to a wide variability of gear ratios, allow you to choose the most optimal variant for operation according to your needs.

- Gearing variations tailored to specific needs
- Automated and automatic transmissions
- Wide range of optional variants (Power Take Off, cooler, etc.)
- Perfect match with the TATRA chassis

WWW.TATRATRUCKS.COM



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TATRA SERVICE PLUS™

RISK-FREE BUSINESS

TATRA SERVICE PLUS™ is a service package where the customer determines the scope of services and servicing support. It gives them consolidated and planned service expenses and a reduced risk of vehicle inoperability. It also increases the resale value.

Extended warranty

When buying a new vehicle, we offer the option of an extended warranty for up to five years of full warranty.

Driver training

Training in the correct handling and driving of the vehicle off road on a proving ground with professional trainers. One-off or recurrent driver training ensures maximum use of the vehicles' driving characteristics and operating economy.

Service contracts

We will prepare a tailor-made service contract according to your requirements and your choice of services, which we offer in three levels:

	EXTRA	EXTRA+	FULL
Preventive maintenance	✓	✓	✓
Filter and oil changes	✓	✓	✓
Assistance Service	✓	✓	✓
Towing of the vehicle in the event of a breakdown		✓	✓
Full vehicle warranty for the duration of the contract		✓	✓
Replacements and repairs of common consumable parts			✓
Statutory checks (MOT, Emissions, Tachograph)			✓
Mobility Guarantee			✓

*Offer valid for service contracts



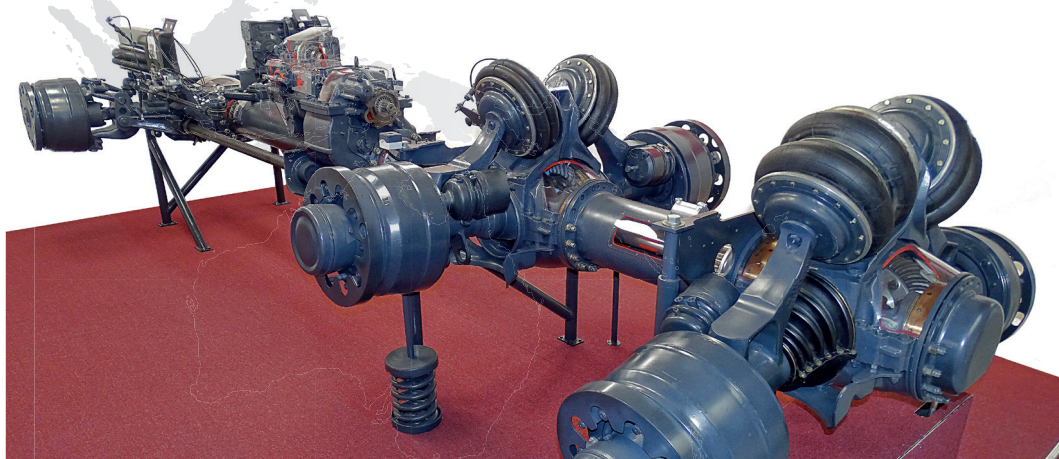
TATRA
SERVICE
PLUS

TATRA TRUCKS TRAINING CENTRE

SERVICE SCHOOL

The TATRA TRUCKS Training Centre provides specialized service training to suit your needs. We provide professionalism and have many years of experience in top-level training.

- Training for users and service specialists
- The classrooms of the Training Centre are equipped with special teaching modules
- Expert staff – instructors with many years of experience
- Training on site at the customer possible
- Individual approach (training according to specific customer requirements)
- Providing unique care at the manufacturer level



ORIGINAL SPARE PARTS

WILL TAKE YOU FURTHER

We are all originals, so there is no reason to resort to substitutes. If you want to maintain the original driving, operating and economic characteristics of your TATRA vehicles, use only genuine TATRA spare parts for the service life of your truck.

Why use only genuine TATRA parts

- Highest quality
- TATRA certificate
- TATRA TRUCKS a.s. - Original Equipment Manufacturer
- Maximum reliability
- 100% functionality
- Safety Guarantee
- Maximum service life
- Tested according to the strictest standards





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TATRA TRUCKS a.s.

Areál Tatry 1450/1
742 21 Kopřivnice
Czech republic

+420 556 491 111

  
@TATRATRUCKS

WWW.TATRATRUCKS.COM