

## Vehicle

# TATRA T158-86R33P39500 6x6.2



- frame chassis to be assembled with special purpose-built body
- designed to be operated on public roads and for off-road operation, especially in rough terrain conditions
- the use of the vehicle may be restricted by regulations of a local country

### Engine

Type PACCAR MX-13 390 EURO VI

Cylinders: **6**

Bore/stroke: **130/162 mm**

Swept volume: **12 902 cm<sup>3</sup>**

Power at rated speed: **390 kW/1 600 min<sup>-1</sup>**

Torque: **2 550 Nm/900 - 1 400 min<sup>-1</sup>**

SCR exhaust fumes aftertreatment + diesel particulate filter.

### Transmission

Automated, type ZF 12TX2651TO with intarder ZF

Forward gears: **12**

Reverse gears: **2**

### Transfer case

Type TATRA 2.30 TRK 1,12/1,44, two-speeds transfer case.

### PTO

Type 10C from transmission (710 Nm). Connection to pump flange according to ISO 7653.

### Front axle

Steered, driven, with swinging half-axles, engageable drive, axle differential lock, air bellows and telescopic shock absorbers. Anti-roll bar.

### Rear axle

Driven, with swinging half-axles, axle differential lock, interaxle differential lock, air bellows with coil springs and telescopic shock absorbers. Anti-roll bar.

### Steering

Two-circuit steering with auxiliary cylinder.

### Brakes

Separate brake systems: operational, emergency, parking. MX Engine Brake. ZF intarder.

### Tyres

385/65R22,5 Continental CrossTrac HS3 TL + 315/80R22,5 Continental CrossTrac HD3 TL (mixed operation).

### Cab

Sleeper COE tilt-cab, Independent water heater Hydronic, Automatic air conditioning, Driver seat: Xtra Leather Air, Co-driver's seat Xtra Leather Air (cinema), LED head lights, Air horns, Single set, Two hazard beacon lights, Refrigerator, Upper bunk, Interior LED lighting: Luxury, Electric control of roof hatch, Luxury DAF Infotainment System.

### Security

Speed limit recognition informs the driver of the maximum permitted speed, using map-based information and traffic sign recognition via a camera at the front of the vehicle.

Drowsiness detection assesses the driver's alertness through vehicle systems analysis and warns the driver, when deemed necessary.

Lane Departure Warning System to prevent inadvertent lane changes due to driver's fatigue or distraction and to form an effective driving aid in low visibility conditions.

Drive-off Assist informs the driver of vulnerable road users in the front bumper area and, if applicable, warns the driver to prevent collision.

Safety system that detects and informs the driver of a moving object near the co-driver's side of the vehicle. The system also supports the driver to prevent collisions with other road users when changing lane.

Preparation for Alcohol interlock.

Tyre pressure monitoring.

### Fuel tank

430-liter fuel tank, aluminium.

## Vehicle

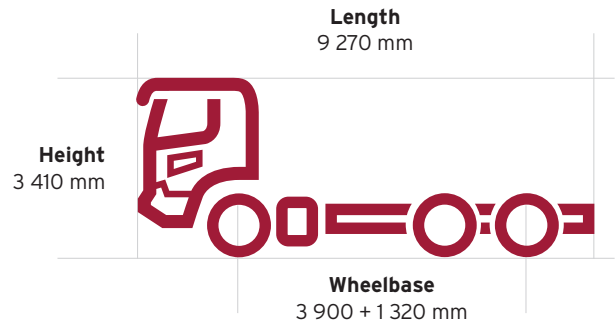
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## Dimensions

Width:	2 550 mm
Front wheel track:	2 074 mm
Rear wheel track:	1 774 mm
Ground clearance:	280 mm



## Weight

Curb weight:	11 300 kg
Payload:	18 700 kg
GVW:	30 000 kg
GCW:	54 000 kg
Maximum load on front axle:	10 000 kg
Maximum load on rear axles:	2 x 11 500 kg

## Electric equipment

Circuit voltage:	24 V
Battery:	2 x 12V 225 Ah
Alternator:	24 V/150 A

## Vehicle performance

Top speed with limiter:	85 km/h
Turning diameter of the outer contour:	23,5±0,5 m

## Features

Tie rod eye of 50 mm, F=200 kN .  
Electronically Controlled Air Suspension (ECAS).  
Adaptive Cruise Control (ACC).