

T 158-8P5R33.311 6x6.1R



AGRICULTURE

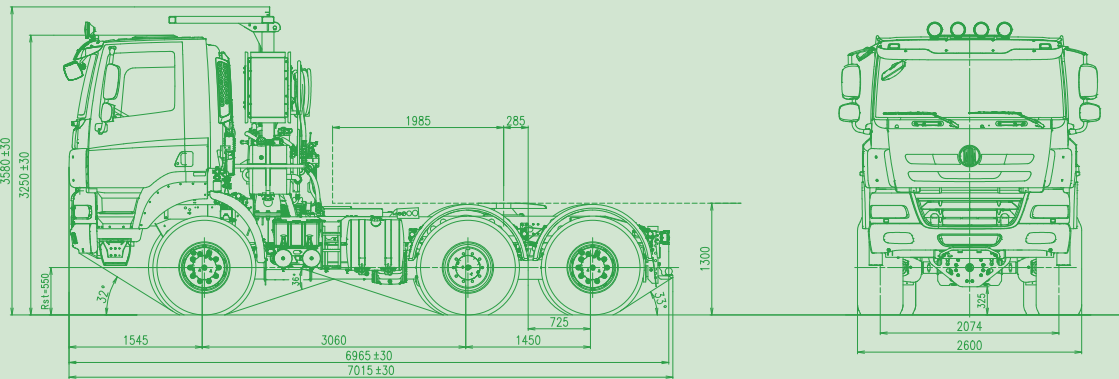
6x6 TATRA AGROTRUCK

The unique TATRA design makes these trucks ideal for operation in the toughest off-road conditions. Independent swinging half-axles with air suspension provide excellent comfort for drivers. Moreover, when such trucks are used in off-road conditions, they can drive faster than trucks equipped with rigid axles.

As a result, the chassis of the 6x6 TATRA Agrotruck is suitable for agricultural transport both in off-road conditions and on roads or hard surfaces. Efficient performance, both on and off road, is achieved by powerful and efficient PACCAR MX engines, in three different power versions, in combination with an automated 16-speed ZF AS Tronic transmission or an automatic six-speed Allison transmission.

The 6x6 Agrotruck with a suitable trailer is capable of significantly increasing productivity in transporting agricultural products and materials, which makes this truck the ideal solution for agricultural companies with larger fields or more frequent and faster-paced transportation cycles. As this truck tractor transports faster, it is suitable for products where the final quality depends on how fast they are processed. Finally, the 6x6 TATRA Agrotruck respects the demands of lowering pressure on soil, therefore we recommend using low-pressure tires.

- FAST TRANSPORTATION
- LOW OPERATING COSTS
- HIGH LOAD CAPACITY
- COMFORT FOR DRIVERS
- SOIL-FRIENDLY



TATRA PHOENIX



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6x6 TATRA AGROTRUCK

ENGINE

Type	PACCAR MX, EURO 5
No. of cylinders	6
Bore/stroke	130/162 mm
Swept volume	12.9 l
Net output	265 kW/1,500 - 1,900 rpm
Options:	300 kW, 340 kW/1,500 - 1,900 rpm
Net torque	1,775 Nm/1,000 - 1,410 rpm
Options:	2,000 Nm, 2,300 Nm/1,000 - 1,410 rpm
SCR exhaust fumes treatment	

TORQUE CONVERTER/CLUTCH

Hydrodynamic torque converter - part of Allison automatic transmission
Single-plate dry ZF SACHS, diameter of 430 mm

TRANSMISSION

ZF 16S 2530, 16-gear manual transmission
Options:
ZF 16AS 2630 AS-Tronic, 16-gear automated transmission
Allison 4500, automatic, 6 gears
Option: interarder

TRANSFER CASE

Two-speed TATRA 2.30 TRK transfer case, engageable at standstill

PTOs

Options: from engine, from transmission and from transfer case
Number and version of PTOs depends on the configuration of the engine, transmission and the use of a retarder, if applicable.

FRONT AXLE

Steered, driven with swinging half-axles, hub reduction gears, engageable drive, axle differential
Suspension: air bellows and telescopic shock absorbers, anti-roll bar

REAR AXLES

Driven, with swinging half-axles, hub reductions, interaxle

differential, axle differentials

Suspension: air bellows combined with coil springs, anti-roll bar fitted to the first rear axle
Option: steerable last rear axle with electro-hydraulic control system up to the speed of 40 kmph

STEERING

Left-hand steering, hydraulic power steering

BRAKES

Four independent brake systems: service, emergency, parking, engine; MX Engine Brake, integrated compression release brake as an option

WHEELS

Tires:	- front axle	445/65 R22.5
	- rear axles	445/65 R22.5
Discs:	- front axle	22.5x14.00
	- rear axles	22.5x14.00

Recommended:

Tires:	- front axle	500/60 R22.5
	- rear axles	600/50 R22.5
Discs:	- front axle	15.00x22.5
	- rear axles	20.00x22.5

Automatic CTIS

CAB

COE, short, two seats
Options:
- ROPS/FOPS
- automatic air-conditioning

TANKS

Fuel	2 x 220 l
AdBlue	45 l

DIMENSIONS

Width	2,600 mm
Length (to rear lights)	6,965 mm
Height (to cab roof)	3,250 mm
Ground clearance	325 mm

WEIGHT (for 445/65 R22.5 tires)

Curb weight	11,150 kg
Of which:	- on front axle 6,650 kg
	- on rear axle 2 x 2,250 kg
Gross vehicle weight	25,000 kg
Maximum technically permissible weight*	27,000 kg
Gross combination weight	48,000 kg
Maximum technically permissible combination weight	75,000 kg
Fifth-wheel load	16,500 kg

*Heavier weight depends on tire types and whether single or dual tires are used.

ELECTRIC EQUIPMENT

Voltage	24 V
Battery	2 x 180 Ah
Option:	2 x 225 Ah
Alternator	28 V/80 A
Option:	28 V/110 A

VEHICLE PERFORMANCE

Top speed	65 kmph
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STANDARD EQUIPMENT

- 2" fifth wheel
- single trailer hydraulic system circuit
- cables for attaching a trailer (pneumatic and electrical) and devices

OPTIONAL EQUIPMENT

- rear trailer hitch system, including a type
- front part of the vehicle adapted for installation of tools
- double trailer hydraulic system circuit
- hydraulic outlets on the vehicle front and rear
- hydraulic oil cooler
- hydraulic equipment for a trailer and a semitrailer with four independent steering circuits



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