

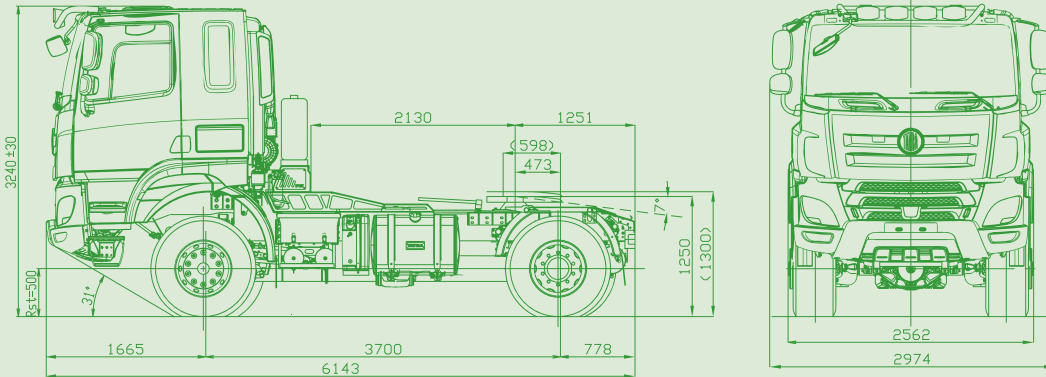
T 158-8P6N23.371 4x4.1



AGRICULTURE

4x4 TRACTOR UNIT

The original TATRA chassis concept enables TATRA vehicles to operate even in the toughest terrain. The independent swinging half-axes with air suspension give excellent driver comfort. This system also enables TATRA vehicles to travel off-road at higher speeds than vehicles with rigid axles. The TATRA 4x4 tractor unit's chassis means that it can be used both on surfaced roads and in demanding off-road conditions. Its high load capacity - up to 42 tonnes - makes it suitable for a wide range of uses. Operating costs are minimized thanks to the range of powerful yet fuel-efficient PACCAR MX engines (3 different power outputs are available), which are combined with a manual or automatic ZF AS Tronic 16-speed gearbox. The standard operating regime for road transport is a 4x2 driveline. Front-wheel drive can also be engaged if necessary (4x4), or the axle differential locks can be used. TATRA tractor units are also available in a standard 6x6 version. Combined with a suitable trailer, this tractor unit is a highly efficient and productive tool for a broad range of transport needs - especially in the construction industry. The TATRA PHOENIX takes you further, reaching places where other vehicles cannot go - and also boosting your profits thanks to its highly efficient operation.



**OUTSTANDING PERFORMANCE
ON DEMANDING TERRAIN**

**SUITABLE FOR ON-ROAD
AND OFF-ROAD USE**

HIGH LOAD CAPACITY

LOW FUEL CONSUMPTION

**EXCELLENT DRIVER
COMFORT**

TATRA TAKES YOU FURTHER

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TATRA PHOENIX Euro 6



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4x4 TRACTOR UNIT

ENGINE

Type	PACCAR MX-11 EURO VI
Number of cylinders	6
Bore/stroke	123/152 mm
Swept volume	10,800 cm ³
Max. power output	320 kW/1,700 min ⁻¹
Max. torque	1,900 Nm/1,000-1,450 min ⁻¹
Options:	MX-11 engines with power output 271 kW/1 650 min ⁻¹ or 291 kW/1,700 min ⁻¹

CLUTCH

Type	SACHS MFZ 1x430, single plate
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TRANSMISSION

Manual/Automatic, ZF 16S EcoSplit/AsTronic	
Number of gears	
forward	16
reverse	2
Options: interarder	

AUXILIARY TRANSMISSION

Type	transfer case TATRA 1.30 TR 1.12 reduction, single-speed
Options:	TATRA 2.30 TRK 0.95/1.44 reduction, dual-speed

FRONT AXLE

Steered, driven, with swinging half-axes, selectable drive, axle differential. Air suspension - disc springs and telescopic shock absorbers. Sway bar optional.

REAR AXLE

Driven, with swinging half-axes, axle differential lock. Air suspension - disc springs combined with coil springs and telescopic shock absorbers.

STEERING

Single circuit, left-hand drive, monoblock.

BRAKES

Four independent brake systems: service, emergency, parking, auxiliary.

TYRES

Front axle	445/65R22.5
Rear axle	445/65R22.5

CAB

Cab-over-engine type, sleeper cab, tilting, engine-dependent water heating, manually operated glass sunroof, 2 seats, bed.

FUEL TANK

Steel, 340 l + AdBlue 45 l

DIMENSIONS

Width	2,550 mm
Front axle track	1,942 mm
Rear axle track	1,774 mm
Ground clearance	280 mm

WEIGHTS

Curb weight	9,350 kg
Payload	10,650 kg
GVW	20,000 kg
Max. trailer weight	42,000 kg
GAWR (front)	9,000 kg
GAWR (rear)	11,500 kg

ELECTRICAL SYSTEMS

Nominal voltage	24 V
Batteries	2x12V 180 Ah
Alternator	24 V/80 A

PERFORMANCE

Climbing ability at 20,000 kg	100%
Climbing ability at 42,000 kg	40%
Maximum speed (with limiter)	85 km/h
Turning circle diameter (kerb to kerb)	18±1.0 m


EQUIPMENT

Trailer hitch JSK 37 C 150

TATRA PHOENIX EURO6

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