

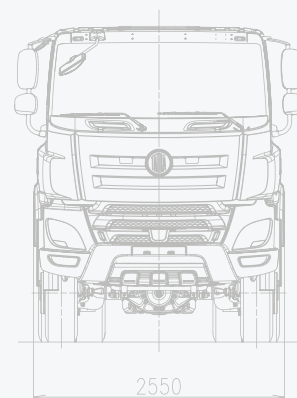
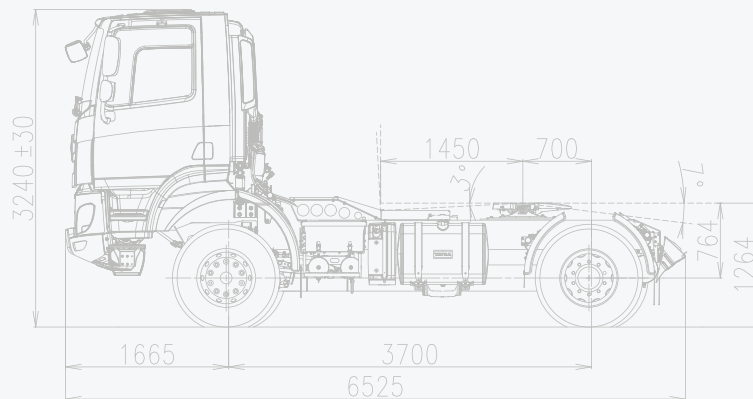
# T 158-8P6N23.371 4x4.2

# COMMERCIAL



## 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 45 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



# T 158-8P6N23.371 4x4.2

## 4x4 TRACTOR UNIT

### ENGINE

Type	PACCAR MX-11 EURO VI
Number of cylinders	6
Bore/stroke	123/152 mm
Swept volume	10,800 cm <sup>3</sup>
Max. power output	271 kW/1,650 min <sup>-1</sup>
Max. torque	1,600 Nm/1,000-1,650 min <sup>-1</sup>
Options:	MX-11 engines with power output 291 or 320 kW/1,700 min <sup>-1</sup>

### 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 1.28 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	315/80R22.5
Rear axle	315/80R22.5; single tyres on all axles
Options - front axle	385/65R22.5; various treads.

### CAB

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

Options - sleeper cab with a choice of features.

### FUEL TANK

Steel, 300 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

Kerb weight	8,850 kg
Payload	10,650 kg
GVWR	19,500 kg
Max. trailer weight	45,000 kg
GAWR (front)	8,000 kg
GAWR (rear)	11,500 kg

### ELECTRICAL SYSTEMS

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

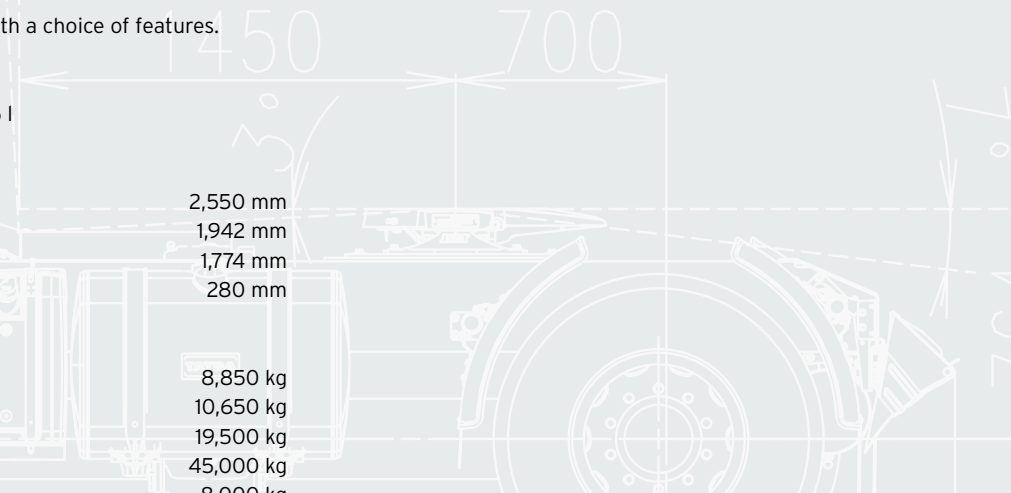
### PERFORMANCE

Climbing ability at 19 500 kg	100%
Climbing ability at 45 000 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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