

# T 158-8P6R56.261 10x10.2

# MINING

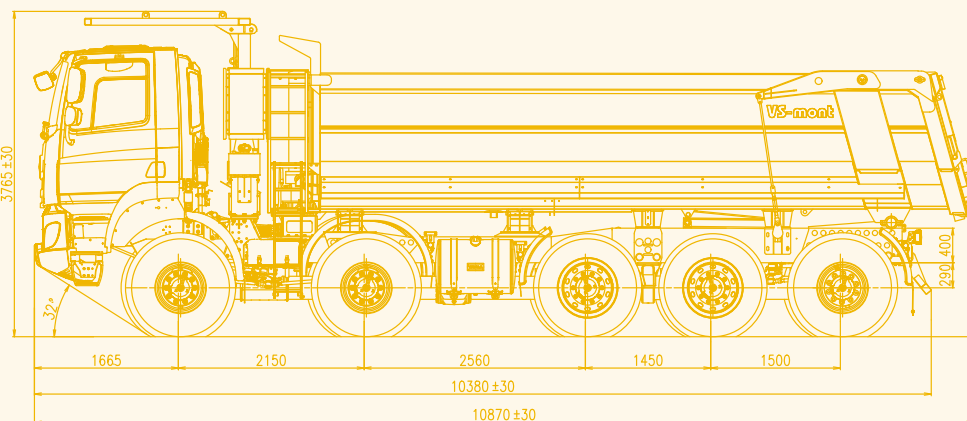


## ONE-WAY TIPPER - 10x10 WORK MACHINE

The TATRA PHOENIX Euro 6 combines the unique TATRA chassis with a spacious and comfortable cab, modern PACCAR MX engines and ZF or Allison transmissions. With this combination TATRA can take you further - to the locations inaccessible to other trucks. Moreover, thanks to very efficient operation and productivity with the TATRA PHOENIX model you will even achieve higher operating results.

The outstanding productivity of this truck results from high payload of up to 40 tons and high off-road transport speed. With TATRA trucks you can therefore carry more loads faster. Powerful PACCAR MX engines can offer reasonable operating costs, even in difficult terrain. Compared to competing vehicles with rigid axles or articulated dump trucks, which are used in mining or earthmoving operations, TATRA PHOENIX achieves higher speeds and favorable fuel consumption per transported ton. Compared to articulated dump truck, there are also much more favorable total costs of ownership.

The TATRA PHOENIX vehicle is all-wheel drive vehicle with engageable front axle drive without stopping the vehicle with wheel hub reductions on all axles. The vehicle can also be equipped with a central tyre inflation system, which improves the vehicle traction during operating in a difficult terrain. The work machine TATRA PHOENIX in 10x10 configuration is therefore a universal solution for your efficient and productive operation during mining or foundation engineering and earthmoving works.



UNIVERSAL VEHICLE FOR PAVED  
ROADS AND OFF-ROAD  
HIGH TRANSPORT SPEED EVEN  
IN OFF-ROAD CONDITIONS  
FORDING DEPTH UP TO 800 MM  
ECONOMICAL OPERATION

TATRA TAKES YOU FURTHER

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# TATRA PHOENIX Euro 6



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## ONE-WAY TIPPER - 10×10 WORK MACHINE

### ENGINE

Type	PACCAR MX-13 Euro 6
No. of cylinders	6
Stroke capacity	12,900 cm <sup>3</sup>
Net power	375 kW/1,450 rpm
Net torque	2,500 Nm/1,000-1,425 rpm
SCR, EGR, DPF exhaust gas treatment system. The decompression MX Engine Brake as standard	

### TRANSMISSION

Automatic, Allison 4700, with integrated retarder	
Number of speeds	
- forward	7
- reverse	1
Optional:	
Manual / automated, ZF type 16S Ecosplit / AsTronic	

### TRANSFER CASE

Two-speed TATRA 2.30 TRK shiftable at standstill (ratios of 0.896 / 2.375)  
Optional: one-speed TATRA 1.30 TR, ratio 1.46

### FRONT AXLES

Steered, driven with swinging half-axes, switchable, drive, axle differential. Air suspension with bellows, telescopic shock absorbers (optional stabilizer).

### REAR AXLES

Driven, with swinging half-axes, axle differential locks, inter-axle differential lock. Air suspension with bellows, combined with leaf springs, telescopic shock absorbers

and torsion stabilizer at the last axle (optional). The last axle electro-hydraulically steered with a link to the front axle steering.

### STEERING

Left-hand sided, monoblock.

### BRAKES

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

### TYRES, DISCS

	1 <sup>st</sup> , 2 <sup>nd</sup> and 5 <sup>th</sup> axles	3 <sup>rd</sup> and 4 <sup>th</sup> axles
Tyres	14,00R20	325-95 R24
Discs	8.5×24	9.00×22.5

### CAB

Over-engine, hydraulically folding, with engine-dependent water heating. Number of seats: 2  
Optional: with A/C or independent heater, 3<sup>rd</sup> seat.

### FUEL TANK

Steel, 300 to 340 liters + 45-liter AdBlue

### WEIGHTS

Curb weight	22.500 kg
Payload	37.500 kg
Total weight	60,000 kg
Maximum front axle load	2×9,000 kg
Maximum rear axle load	2×16,000 + 10,000 kg

### ELECTRIC EQUIPMENT

Rated voltage	24 V
Batteries	2×12V 180 Ah
Alternator	24 V / 80 A
Preparation for the FMS connector	

### FEATURES

Climbing ability at a total weight of 60,000 kg	35 %
Max. speed (with speed limiter)	85 km/h
Turning radius (contour)	17.5±1.0 m

### SUPERSTRUCTURE - VS-MONT ONE-WAY TIPPER

High-strength large-volume cone-shaped body for rapid emptying.  
Tipper body volume 23.5 m<sup>3</sup>  
Material - bottom/dropside Hardox 450 - 8mm/5mm  
Body heating exhaust gases, 70% of the body surface.  
Optional: vibrating plate for faster release of cargo

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TATRA TRUCKS a.s.

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