

T 158-8P6R32.391 6x6.2



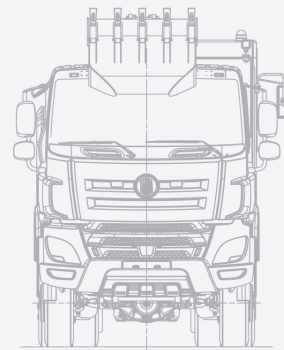
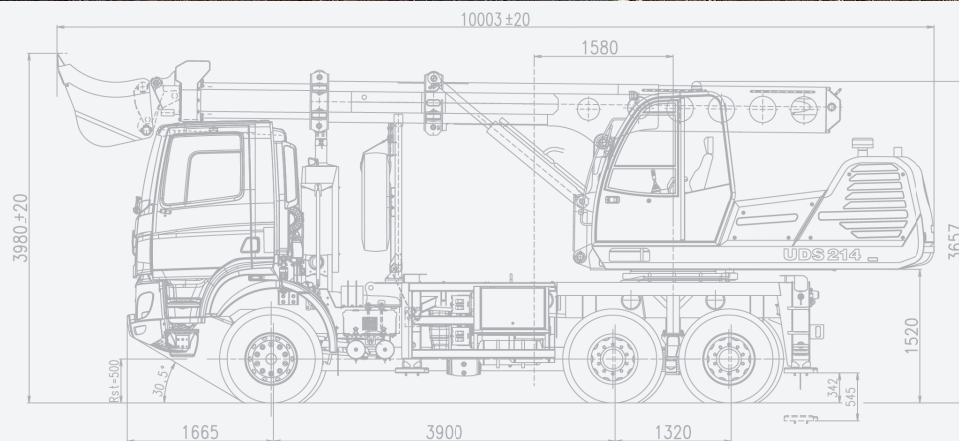
COMMERCIAL

MULTIPURPOSE TELESCOPIC EXCAVATOR 6x6

Combining the features of the TATRA PHOENIX Euro6, 6x6 vehicle with an engageable front axle drive and multipurpose telescopic excavator UDS 214 superstructure, supplied by the company Cestné a stavebné mechanizmy Tisovec, a.s., resulted in a vehicle with the best projection for performing earthmoving works of different type at the contact of structures with the environment, and using the appropriate tools also for excavation and other earthworks such as digging foundation, trenches, channels, building and maintenance of utilities, treatment of riverbeds etc.

TATRA PHOENIX Euro6 combines the unique TATRA chassis with a spacious and comfortable cab, modern PACCAR MX engines and ZF transmissions. Thanks to this, TATRA PHOENIX trucks can take you further - to the locations inaccessible to other trucks, as well as to higher profits due to efficient operation.

The UDS body is designed so that the operator can operate the body and the entire vehicle as well. Thanks to this the working time is significantly reduced. From his worksite the operator can control the machine himself, as well as vehicle braces, driving and moving the vehicle a short distance during excavation works. The telescopic arm with overhang up to 13.1 meters using a 3-meter extension can be, in addition to a standard 0.63 m³ bucket, equipped with additional attachments - ripper bucket, profile or drainage bucket, blade, compaction roller, ripper knife, asphalt cutter, boulder tongs or hydraulic forks.



VEHICLE CONTROL FROM
THE OPERATOR'S SEAT
EXCELLENT TERRAIN PERMEABILITY
FORDING UP TO 800 MM
WIDE ACCESSORIES
EFFICIENT OPERATION

TATRA TAKES YOU FURTHER

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TATRA PHOENIX Euro6



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MULTIPURPOSE TELESCOPIC EXCAVATOR 6x6

ENGINE

Type	PACCAR MX-11 Euro 6
No. of cylinders	6
Swept volume	10,800 cm ³
Net power	271 kW/1,650 rpm
Net torque	1,600 Nm/1,000-1,650 rpm
SCR, EGR, DPF exhaust gas treatment system.	
Optional:	
- MX-11 engine, power output 291, 320 kW/1,700 rpm	
- Decompression MX Engine Brake as standard	

TRANSMISSION

Manual / Automated, ZF type 16S Ecosplit	
Number of speeds	16
- forward	2
- reverse	
Hydraulically operated clutch, diam. 1x430 mm.	

TRANSFER CASE

Two-speed TATRA 2.30 TR shiftable at standstill (ratios of 0.94 / 1.44)	
Optional: one-speed TATRA 1.30 TR, ratios of 1.12/1.28/1.46	

FRONT AXLE

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

REAR AXLES

Driven, with swinging half-axles, axle differential locks, inter-axle differential lock. Leaf spring suspension.

STEERING

Left-hand sided, monoblock.

BRAKES

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

TYRES, DISCS

	Front	Rear
Tyres	315/80 R22.5	315/80 R22.5
Discs	9,00x22,5	9,00x22,5

CAB

Over-engine, hydraulically folding, with engine-dependent water heating. Number of seats: 2
Optional: with A/C or independent heater, sleeper cab or a third seat.

FUEL TANK

Steel, 220 liters + 45-liter AdBlue

WEIGHTS

Curb weight (without superstructure)	9,760 kg
Payload	16,240 kg
Total weight	26,000 kg
Maximum front axle load	8,000 kg
- optional	9,000 kg
Maximum rear axle load	2x9,000 kg
- optional	2x11,500 kg

ELECTRIC EQUIPMENT

Rated voltage	24 V
Batteries	2x12V 180 Ah
Alternator	24 V / 80 A
Optional: FMS connector	

FEATURES

Climbing ability at the total weight of 30,000 kg	100 %
Max. speed (with speed limiter)	85 km/h
Turning radius (contour)	17.5±1.0 m

UDS 214 SUPERSTRUCTURE

Dimensions

Machine length	8,875 mm
Machine width	2,500 mm
Excavation performance	115 m ³ /h
Resulting digging force	85 kN

Capacity on the quick-release tilt point and without the use of extensions

retracted telescope, 6.3 m	7,000 kg
extended telescope, 10.5 m	2,600 kg
Superstructure speed	8 rpm
Tool speed	20 rpm
Max. transport speed	80 km/h
Climbing ability	50,7 %
Total weight	22,800 kg

Superstructure engine

Type/Power	John Deere 4045 HF 285 / 94 kW at 2,200 rpm
Type and design	diesel, four stroke with direct fuel injection, inline, vertical
Cooling	liquid, forced circulation and thermoregulation
Lubrication	pressure
Number of cylinders/swept volume	4/4,500 cm ³
Max torque	540 Nm/1,400 rpm
Optional:	Cummins 6BT5.9 engine or Deutz BF6M 1013E engine

Hydraulics

Type	BOSH-REXROTH
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Work equipment

The telescopic boom with a stroke range of +30° to -60°, 0° to -90° from the horizontal plane, machine tilting range 145°, bidirectional machine rotation within a range of 360°.

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