

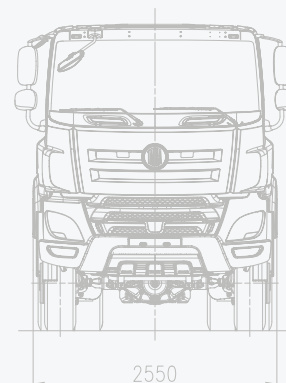
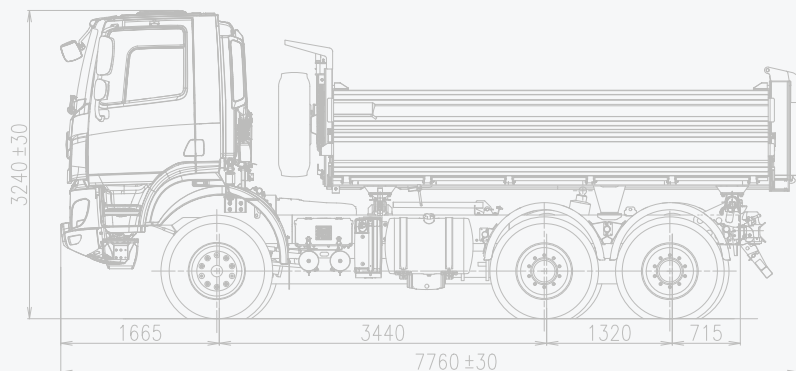
# T 158-8P6R33.341 6x6.2

# COMMERCIAL

## 6x6 THREE-WAY TIPPER

The TATRA PHOENIX Euro6 combines the unique TATRA chassis with a spacious cab, modern and efficient PACCAR MX-11 or MX-13 engines, complying with the strictest emission requirements pursuant to the Euro 6 standards. With this combination TATRA can take you further - to the locations unavailable for other trucks. Powerful PACCAR MX engines offer reasonable operating costs, even in difficult terrain. Vehicles those will be coupled with trailer are then fitted with the MX Engine Brake as standard. The outstanding productivity of TATRA PHOENIX trucks results from high payload and higher transport speeds in even in hard terrain, enabling you to haul more material faster. Compared to competing vehicles with rigid axles, TATRA PHOENIX achieves higher speed. Thanks to the air suspension on all axles, the vehicle provides a high degree of comfort for both the driver and carried superstructures or cargo.

TATRA PHOENIX vehicles use ZF transmissions, both manual and automated, or fully automatic Allison transmissions. The automated 16-speed AS Tronic version offers the driver perfect driving comfort, both in "standard auto" shift mode, or "off-road auto" mode, or in the manual mode. In addition, AS Tronic transmissions reduce fuel consumption through shifting at the optimum speed, and also protect the drive train from driver error, such as overspeeding or burning the clutch. The automated AS Tronic transmission is also equipped with a handy "Hill Holder" system. Based on experience from the operation of civilian and military special trucks, the Allison automatic transmission with a hydrodynamic converter is suitable for the most demanding conditions. The ZF and Allison transmissions can be optionally equipped with an integrated retarder - intarder, representing a significant brake system and crucially affecting both braking performance and wear on the vehicle service brakes.



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# TATRA PHOENIX Euro6



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## 6×6 THREE-WAY TIPPER

### ENGINE

|                                                                                             |                          |
|---------------------------------------------------------------------------------------------|--------------------------|
| Type                                                                                        | PACCAR MX-11 Euro 6      |
| No. of cylinders                                                                            | 6                        |
| Swept volume                                                                                | 10,800 cm <sup>3</sup>   |
| Net power                                                                                   | 291 kW/1,700 rpm         |
| Net torque                                                                                  | 1,900 Nm/1,000-1,450 rpm |
| SCR, EGR, DPF exhaust gas treatment system                                                  |                          |
| Optional:                                                                                   |                          |
| - MX-11 engine, power output 271, 320 kW/1,700 rpm                                          |                          |
| - MX-13 engine, cylinder capacity 12,900 cm <sup>3</sup> , power 300, 340, 375 kW/1,450 rpm |                          |
| - Decompression MX Engine Brake as standard                                                 |                          |

### TRANSMISSION

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

### TRANSFER CASE

|                                                                                                          |  |
|----------------------------------------------------------------------------------------------------------|--|
| One-speed TATRA 1.30 TR, ratio 1.28                                                                      |  |
| Optional: one-speed (1.12; 1.46) or two-speed TATRA 2.30 TRK changeable at standstill (ratios 0.95/1.44) |  |

### FRONT AXLE

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 coil springs, telescopic shock absorbers and torsion stabilizer at the last axle (optional).

### STEERING

Left-hand sided, monoblock

### BRAKES

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

### TYRES, DISCS

|       |              |              |
|-------|--------------|--------------|
|       | front        | rear         |
| Tyres | 385/65 R22.5 | 315/80 R22.5 |
| Discs | 22.5×11.5    | 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, sleeper cab or a third seat.

### FUEL TANK

Steel, 300 to 340 liters + 45-liter AdBlue.

### DIMENSIONS

|                  |          |
|------------------|----------|
| Width            | 2,550 mm |
| Wheelbase        |          |
| - front          | 1,942 mm |
| - rear           | 1,774 mm |
| Ground clearance | 280 mm   |

### WEIGHTS

|                         |             |
|-------------------------|-------------|
| Total weight            | 30,000 kg   |
| Maximum front axle load | 9,000 kg    |
| Maximum rear axles load | 2×11,500 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 the total weight of 30,000 kg | 100 %      |
| Max. speed (with speed limiter)                   | 85 km/h    |
| Turning radius (contour)                          | 17.5±1.0 m |

### OPTIONAL

Cold Start System, body heating by exhaust gases.



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