The TATRA PHOENIX is a combination of a unique TATRA chassis with a spacious and comfortable cab, modern PACCAR MX engines, and ZF transmissions. Thanks to these features, TATRA TAKES YOU FARTHER - to places which other trucks cannot reach, and also to higher profits thanks to great efficiency and productivity.

The excellent productivity of the TATRA PHOENIX is a result of high payload and high speed that you can achieve in off-road conditions. With a TATRA truck you can transport more material faster.

Efficient PACCAR MX engines offer reasonable operating costs even on hard terrain. The TATRA PHOENIX achieves higher speed and lower fuel consumption compared to competitors’ rigid or articulated dump trucks used in mining operations. In addition, the TATRA unique chassis design together with air suspension on all axles enhances comfort of the TATRA PHOENIX. For GVW of 40 tons (6×6) and 50 tons (8×8), hub reduction gears are used.

The TATRA PHOENIX is an all-wheel drive truck; front drive is equipped with shift-on-the-fly capability without a need to stop. A possibility to operate also as a non-all-wheel drive truck results in additional fuel saving.

The TATRA PHOENIX can also be equipped with a central tire inflation system (CTIS) saving fuel, reducing tire wear, and even improving off-road capabilities.

EXCELLENT OFF-ROAD CAPABILITIES
HIGH TRANSPORTATION SPEED
HIGH PAYLOAD
LOW FUEL CONSUMPTION
COMFORT FOR THE DRIVER
**T158 - 8P5R46.261 8x8 1R**

**8x8 ONE-WAY TIPPER**

### ENGINE
- **Type:** PACCAR MX 340
- **Nos. of cylinders:** 6
- **Bore/Stroke:** 130/162 mm
- **Swept volume:** 12,900 cm³
- **Power:** 340 kW/1,500 min⁻¹
- **Torque:** 2,300 Nm/1,000 - 1,400 min⁻¹
- **Emission level:** EURO V (SCR)
- **Option:** MX Engine Brake

### CLUTCH
- **Type:** SACHS MFZ 1x430, single disc clutch

### TRANSMISSION
- **Type:** ZF 16S 2530 TO
- **Nos. of gears - forward:** 16
- **Nos. of gears - reverse:** 2
- **Option:** automated, with an electronically controlled clutch, transmission retarder (intarder)

### TRANSFER CASE
- **Type:** TATRA 1.30 TR
- **Option:** two-speed, with shifting at standstill

### PTOs
- **Type:** NH/1C from transmission

### FRONT AXLE

### REAR AXLES
- Driven, with swinging half-axles, axles and interaxle differential lock. "Heavy combined TATRA suspension" - air bellows with leaf springs.

### STEERING
- Left Hand Drive
- Integral power steering, ZF

### BRAKES
- Wedge type self-adjustable drum brake units, EBS
- Four separate brake systems: service, emergency, parking and engine brake

### TIRES, DISCS
- **Tires:**
  - **Front:** 16.00 R20* 16.00 R20*
  - **Rear:** 24.00 R21* 12.00 R24

### DIMENSIONS
- **Wheelbase:** 2,150 + 2,560 + 1,450 mm
- **Width:** 2,500 mm
- **Track - front:** 1,942 mm
- **Track - rear:** 1,774 mm
- **Length:** 8,850 mm
- **Height:** 3,555 mm
- **Tipper body capacity:** 18 m³

### WEIGHTS
- **Curb weight (with tipper body):** 16,900 kg
- **Payload:** 33,100 kg
- **GVW:** 50,000 kg
- **Front axle max. permissible load:** 2 x 9,000 kg
- **Rear axle max. permissible load:** 2 x 16,000 kg

### ELECTRIC EQUIPMENT
- **Nominal voltage:** 24 V
- **Battery:** 2 x 12 V 180 Ah
- **Alternator:** 24 V/110 A
- **FMS connector preparation**

### FEATURES
- **Top speed with a limiter:** 60 km/h
- **Turning circle diameter (curb to curb):** 25±1,0 m

### COLD WEATHER PACKAGE
- Coldstart device up to minus 40°C. Pre-heated fuel filter with water separator. Heated body

### SAFETY OPTIONS
- **ROPS/FOPS behind the cab**

### CABIN
- **Short, cab over engine, two seats**
- **Option:** air conditioning and independent heating

### FUEL TANK
- **Steel, 300 l + 45 liters AD Blue**

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