

TATRA PHOENIX 8PFR33/34X2

TATRA T158-8PFR33 30 340 6x6.2/34X2 CAB-CHASSIS

ENGINE

| | |
|------------------------------|--|
| Type | PACCAR MX 340 |
| Nos. of cylinders | 6 |
| Bore/stroke | 130/162 mm |
| Swept volume | 12,900 cm ³ |
| Power | 340 kW / 1,500 min ⁻¹ |
| Torque | 2,300 Nm / 1,000 - 1,400 min ⁻¹ |
| Emission level | EURO V (SCR) |
| Air intake location options: | LEFT SIDE OR ROOF |

CLUTCH

| | |
|-------|-------------------------------------|
| Type: | SACHS MFZ 1x430, single clutch disc |
|-------|-------------------------------------|

GEARBOX

| | |
|-----------------------------------|--|
| Type | ZF AS-Tronic 16AS 2530 TO (automated) (with electronically controlled clutch control) |
| Manual as option: | ZF 16S2530TO (manual) |
| Nos. of gears – forward / reverse | 16 / 2 |
| Intarder as option: | 16AS2631TO (auto) / 16S2531TO (manual) |
| Torque | 2,600 Nm (auto), 2,500 Nm (manual) |

AUXILIARY GEARBOX

| | |
|-----------------|-------------------------|
| Type | TATRA 2.30 TR 0.95/1.44 |
| Number of gears | 2 |
| Gear ratio | 0.945/1.435 |

PTOs

- On rear of engine (REPTO) as option
- On gearbox as option
- On auxiliary gearbox (transfer gearbox) as option

FRONT AXLE

- Steered, driven with swinging half-axles, axle differential lock.
- Dis-engageable front drive.
- Air bellows and telescopic shock absorbers
- Stabiliser/torsion bar as option

REAR AXLE

- Driven, with swinging half-axles, axle differential lock.
- "Light combined TATRA suspension" – air bellows with coil spring (inside), telescopic shock absorbers
- Stabiliser/torsion bar as option on 3rd axle

BRAKES

- Wedge type self-adjustable drum brake on all axles, ABS.
- Four separate brake systems: service, emergency, parking and engine brake (MX Engine Brake). Spring brakes on axles 2 & 3.
- Transmission intarder as option.

STEERING

| | | |
|-------------------------|------------------|------------------------------|
| Integral power steering | Right Hand Drive | ZF power assisted mechanical |
|-------------------------|------------------|------------------------------|

TYRES & RIMS

| | front | rear |
|-----------------------------------|------------------|------------------|
| Tyres | 385/65R22.5 160K | 315/80R22.5 150M |
| Rims | 22.5x11.75 | 22.5x9.00 |
| Rims in steel or alloy as option. | | |
| With spare wheel | | |

CABIN

- COE tilt-cab (electric), long (sleeper) version, short (day) version as option, air conditioned, two seats, air suspension driver's seat, central locking. UN-ECE R29 compliant.

FUEL TANK & AdBlue

- Steel, 300 litres (additional 200 as option) + 45 litres AdBlue

DIMENSIONS

| | |
|--|--|
| Wheelbase (standard) | 3,440 [^] + 1,320 mm |
| [^] options | 2,960/3,060/3,700/3,900/4,090/4,140/4,300/4,500 mm |
| Chassis rear overhang | min/std 710 / 1,897 mm |
| Length (with std overhang and rear protection) | 8,540 mm |
| Height | 3,200 mm |
| Width (ADR) | 2,500 mm |
| Track (on standard tyres) - front / rear | 2,043 / 1,774 mm |

WEIGHT

| | |
|----------------------------------|---------------------------|
| ISO Kerb mass (front + rear) | 5,900 + 4,350 = 10,250 kg |
| Payload (cab-chassis to GVM) | 19,750 kg |
| GVM | 30,000 kg |
| GCM | 75,000 kg |
| Front axle max. permissible load | 9,000 kg |
| Rear axle max. permissible load | 2 x 11,500 kg |

ELECTRIC EQUIPMENT

| | |
|-----------------|------------------------------|
| Nominal voltage | 24 V |
| Battery | 2x12V 170 Ah |
| Alternator | 24 V / 80 A (110A as option) |

FEATURES

| | |
|------------------------------|------------|
| Max speed (with limiter) | 100 km/h |
| Turning diameter (curb-curb) | 18.0±0.5 m |
| Fording | 800 mm |

FEATURES

- Bullbar (with/without FUPD) as option
- Towing: Ringfeder 50mm pin coupling as option

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