

TATRA

PHOENIX

8PFR43/35Z

TATRA T158–8PFR43 46 355 8x8.2/35Z CAB-CHASSIS

ENGINE

Type	PACCAR MX-13
Nos. of cylinders	6
Bore/stroke	130/162 mm
Swept volume	12,900 cm ³
Power	std 355 kW / 1,600 min ⁻¹ (390 kw As Option)
Torque	2,350 Nm / 900 - 1,365 min ⁻¹
Emission level	EURO V (SCR)
Air intake location options:	ROOF

CLUTCH

Type:	SACHS MFZ 1x430, single clutch disc
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GEARBOX

Type	ZF TRAXON 16TX 2640 TO (automated) (with electronically controlled clutch control)
Manual as option:	ZF 16S2530TO (manual)
Nos. of gears – forward / reverse	16 / 2
Intarder as option:	16TX2641TO (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-engagement front drive and hub reduction
- Air bellows with telescopic shock absorbers

REAR AXLE

- Driven, with swinging half-axles, axle differential lock and hub reduction
- Air bellows with leaf springs

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	DUAL 315/80R22.5
Rims	22.5x11.75	22.5x9.00
Rims in steel or alloy as option.		
With spare wheel		

CABIN

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

FUEL TANK & AdBlue

Steel, 540 litres (340L & 220L as option) + 45 litres AdBlue

DIMENSIONS

Wheelbase (standard)	2,000 + 3,460 [^] + 1,450 mm
[^] options 3660 / 4,362 mm	
Chassis rear overhang	min/std 710 / 1,897 mm
Length (with std overhang and rear protection)	10,472 mm
Height	3,220 mm
Width (ADR)	2,500 mm
Track (on standard tyres) - front / rear	2,043 / 1,777 mm

WEIGHT

ISO Kerb mass (front + rear)	8,630 + 4,230 = 12,860 kg
Payload (cab-chassis to GVM)	30,140 kg
GVM	46,000 kg
GCM	95,000 kg
Front axle max. permissible load	2 x 10,000 kg
Rear axle max. permissible load	2 x 13,000 kg

ELECTRIC EQUIPMENT

Nominal voltage	24 V
Battery	2x12V 180 Ah
Alternator	24 V / 80 A (120A as option)

VEHICLE PERFORMANCE

Max speed (with speed limiter)	85 km/h
Turning diameter (curb-curb)	24.0±0.5 m
Forcing	800 mm

FEATURES

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

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