

TATRA PHOENIX 8PFR33/45X3

TATRA T158–8PFR33 30 355 6X6.2/45X3 CAB-CHASSIS

ENGINE

Type	PACCAR MX-13
Nos. of cylinders	6
Bore/stroke	130/162 mm
Swept volume	12,902 cm ³
Power	355 kW / 1,600 min ⁻¹
Torque	2,350 Nm / 900 - 1,365 min ⁻¹
Emission level	EURO V (SCR)
Air intake location options:	ROOF

CLUTCH

Type:	Allison torque converter
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GEARBOX

Type	Allison 4500 Automatic
Nos. of gears – forward / reverse	6 / 1

AUXILIARY GEARBOX

Type	TATRA 2.30 TRK 0.90/2.38
Number of gears	2
Gear ratio	0.896/2.375

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 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 intertarder as option.

STEERING

Integral power steering	Right Hand Drive ZF power assisted mechanical
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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

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

DIMENSIONS

Wheelbase (standard)	4500 [^] + 1,450 mm
[^] options 3440 / 3700 / 4090 / 4300 mm	
Chassis rear overhang	min/std 710 / 1,897 mm
Length (with std overhang and rear protection)	9,511 mm
Height	3,220 mm
Width (ADR)	2,500 mm
Track (on standard tyres) - front / rear	2,074 / 1,778 mm

WEIGHT

ISO Kerb mass (front + rear)	6000 + 4700 = 10,700 kg
Payload (cab-chassis to GVM)	22,300 kg
GVM	33,000 kg
GCM	90,000 kg
Front axle max. permissible load	1 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)	19.5±0.5 m
Forcing	800 mm

FEATURES

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

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