

TATRA PHOENIX 8PFR23/45X2

TATRA T158-8PFR23 4x4.2/45X2 CAB-CHASSIS

ENGINE

Type	PACCAR MX-11
Nos. of cylinders	6
Bore/stroke	123/152 mm
Swept volume	10,800 cm ³
Power	300 kW / 1,600 min ⁻¹
Torque	2,100 Nm / 900- 1,125 min ⁻¹
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)
Intarder as option:	16TX2641TO (auto)

AUXILIARY GEARBOX

Type	TATRA 1.30TR
Number of gears	1
Gear ratio	0.95

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 axle 2.
- Transmission intarder 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 mm
^option 4090	
Chassis rear overhang	min/std 710 / 1,896 mm
Length (with std overhang and rear protection)	8,061 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)	5800 + 3200 = 9000 kg
Payload (cab-chassis to GVM)	11,000 kg
GVM	20,000 kg
GCM	44,000 kg
Front axle max. permissible load	1 x 9,000 kg
Rear axle max. permissible load	1 x 11,500 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)	100 km/h
Turning diameter (curb-curb)	15.4±0.5 m
Fording	800 mm

FEATURES

- Bull Bar as option
- Towing: Ringfeder 50mm pin coupling as option

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