

TATRA PHOENIX 8PFR43/35X2

TATRA T158–8PFR43 41 355 8x8.2/35X3 CAB-CHASSIS

ENGINE

Type	PACCAR MX-13
Nos. of cylinders	6
Bore/stroke	130/162 mm
Swept volume	12,900 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:	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 2.30 TRK 0.95/1.44
Number of gears	2
Gear ratio	0.95/1.44

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 2,3,4	
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)	2,000 + 3,952 + 1,450 mm
^options	2,560 / 2950 / 3460 / 4,362 mm
Chassis rear overhang	min/std 710 / 1,897 mm
Length (with std overhang and rear protection)	10,964 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)	8,700 + 4,300 = 13,000 kg
Payload (cab-chassis to GVM)	28,000 kg
GVM	41,000 kg
GCM	73,000 kg
Front axle max. permissible load	2 x 9,000 kg
Rear axle max. permissible load	2 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)	24.0±0.5 m
Forcing	800 mm

FEATURES

Bullbar as option	
Towing: Ringfeder 50mm pin coupling as option	

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