

# TATRA PHOENIX 8PFR23/41X1

## TATRA T158–8PFR23 20 340 4x4.2/41X1 CAB-CHASSIS

### ENGINE

Type	PACCAR MX 340
Nos. of cylinders	6
Bore/stroke	130/162 mm
Swept volume	12,900 cm <sup>3</sup>
Power	340 kW / 1,500 min <sup>-1</sup>
Torque	2,300 Nm / 1,000 - 1,400 min <sup>-1</sup>
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

### 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 interarder as option.

### STEERING

Integral power steering	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 (manual), short (day) version, long (sleeper) 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)	4,090 <sup>^</sup> mm
<sup>^</sup> 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)	7,870 mm
Height	3,340 mm
Width (ADR)	2,500 mm
Track (on standard tyres) - front / rear	2,043 / 1,774 mm

### WEIGHT

ISO Kerb mass (front + rear)	5,800 + 2,700 = 8,500 kg
Payload (cab-chassis to GVM)	11,500 kg
GVM	20,000 kg
GCM	42,000 kg
Front axle max. permissible load	9,000 kg
Rear axle max. permissible load	11,500 kg

### ELECTRIC EQUIPMENT

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

### VEHICLE PERFORMANCE

Max speed (with limiter)	100 km/h
Turning diameter (curb-curb)	15.0±0.5 m
Fording	800 mm

### FEATURES

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

[www.tatratrucks.com.au](http://www.tatratrucks.com.au)

## OFFROAD TRUCKS AUSTRALIA PTY LTD

ABN 12 091 646 481

DL 16670

### HEAD OFFICE & SHOWROOM

25 Garnet Way (Cnr Eva St)  
MADDINGTON WA 6109  
PO Box 342  
FORRESTFIELD WA 6058  
T: (08) 9459 8911



[tatra@offroadtrucks.com.au](mailto:tatra@offroadtrucks.com.au)  
[www.offroadtrucks.com.au](http://www.offroadtrucks.com.au)

### MACKAY

26 Heidi Street  
Paget QLD 4740  
T: 0427 388 797