

# TATRA PHOENIX 8PFR34/45X3

## 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 <sup>3</sup>                   |
| Power                        | 355 kW / 1,600 min <sup>-1</sup>         |
| Torque                       | 2,350 Nm / 900 - 1,365 min <sup>-1</sup> |
| Emission level               | EURO V (SCR)                             |
| Air intake location options: | ROOF                                     |

### CLUTCH

|       |                          |
|-------|--------------------------|
| Type: | Allison torque converter |
|-------|--------------------------|

### 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 interarder as option.

### STEERING

|                         |                              |
|-------------------------|------------------------------|
|                         | <b>Right Hand Drive</b>      |
| 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 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 <sup>^</sup> + 1,450 mm |
| <sup>^</sup> 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                              | 73,000 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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