



TGX 6x4 Tractor

Chassis Specification: TGX 26.480 6x4 BBS
EURO 5 TGX 26.540 6x4 BBS

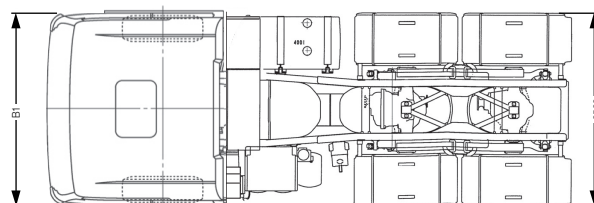
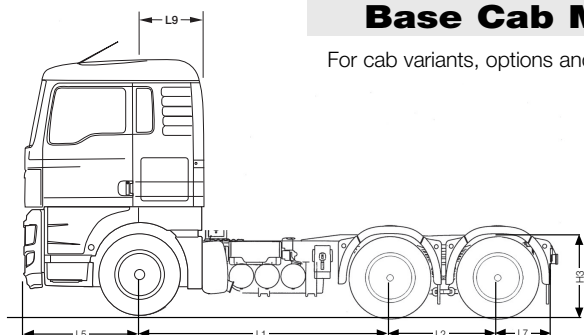
TGX 26.480 6x4 BBS Tractor TGX 26.540 6x4 BBS Tractor

Chassis Specification

Base Cab Model

TGX 'XL' Cab

For cab variants, options and specifications see separate TGX cab specification sheet



Vehicle Dimensions (mm)

| | | 3200 | 3600 | 3900 |
|----|---------------------------------------|-------------------------|-------------------------|-------------------------|
| L1 | Wheelbase | 3200 | 3600 | 3900 |
| L2 | Rear bogie spread | 1400/1350* | 1400/1350* | 1400/1350* |
| L5 | Front overhang | 1475 | 1475 | 1475 |
| L7 | Rear overhang | 700/750* | 700/750* | 700/750* |
| L9 | Centre line front axle to back of cab | 805 | 805 | 805 |
| B1 | Width across wings | 2490 | 2490 | 2490 |
| H3 | Frame height at centre rear wheels | - laden 1037 | - laden 1037 | - laden 1037 |
| | | - unladen 1157/1067* | - unladen 1157/1067* | - unladen 1157/1067* |

Turning Circle

| | | | | |
|-----|---|-------|-------|-------|
| WTW | Wall to Wall | 16200 | 17400 | 18300 |
| KTK | Kerb to Kerb | 14400 | 15600 | 16500 |
| | Optimum 5th wheel position for standard specification | 1125 | 1175 | 1225 |

* Dimensions with rear bogie air suspension.

Unladen Weights (kg +/- 2.5%)

| | | | |
|------------|------|------|------|
| Front axle | 5095 | 5120 | 5135 |
| Rear bogie | 3890 | 3885 | 3890 |
| Total | 8985 | 9005 | 9025 |

N.B. Unladen weights are for vehicle in standard specification with full tank of fuel, AdBlue and without driver.

Plated/Operating Weights (kg)

This model can operate up to 80000 kg in STGO Cat 2

| | Design | UK Legal |
|------------------------------|--------------------------|--|
| GCW Gross Combination Weight | 44000 | 40000/44000 ⁽²⁾ |
| GVW Gross Vehicle Weight | 26000 | 26000/25000 ⁽²⁾ |
| Front axle | 7500/9000 ⁽³⁾ | 7500/9000 ⁽³⁾ |
| Rear bogie | 20000 | 19000 ⁽¹⁾ /17000 ⁽²⁾ |

N.B. Tyre changes can effect legal weights. ⁽¹⁾ At 40000 kg or below on steel suspension. ⁽²⁾ Above 40000 kg on steel suspension.

⁽³⁾ With VOK-09 axle, 9000 kg springs and 385/65R 22.5 tyres.

Optional Equipment & Weights (kg)

| | Front | Rear | Total | | Front | Rear | Total |
|---|-------|------|-------|---|-------|------|-------|
| Rear bogie 8 bellow air suspension | 0 | -210 | -210 | 385/65R Super Single Tyres on | | | |
| HPD1353/HP1333 hub reduction drive axles* | 0 | +75 | +75 | 11.75x22.5 steel rims on front | +38 | 0 | +38 |
| Tipmatic Automatic Gearbox | -40 | -25 | -65 | 'XLX' Sleeper cab | +40 | 0 | +40 |
| ZF PTO NH/4 | +4 | +3 | +7 | 'XXL' Sleeper cab | +85 | 0 | +85 |
| Alloy Air Tanks | -5 | -10 | -15 | Jost pressed fixed 5th wheel inc bed plate - 44 tonnes | +18 | +168 | +186 |
| 3 Piece Steel Bumper | +86 | -22 | +64 | Jost pressed sliding 5th wheel assembly - 44 tonnes | +5 | +230 | +235 |
| VOK-09 dropped beam front axle | +30 | 0 | +30 | Air management kit | +75 | 0 | +75 |
| 9000 kg parabolic front spring | +14 | 0 | +14 | All weights indicated above are subject to +/- 2.5% manufacturer's tolerance. | | | |
| 225 Ah Batteries | +30 | 0 | +30 | | | | |

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Chassis Specification

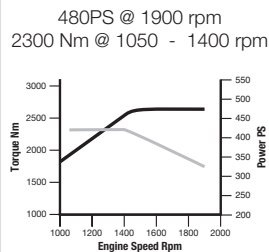
Engine Model

D26, 6 Cylinder in-line, 12.4 litre (Euro 5)

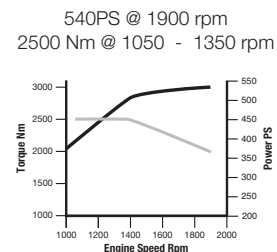
Features

- Selective Catalytic Reduction (SCR)
- Common Rail EDC
- Cruise Control
- Exhaust valve brake
- Road speed limiter set not to exceed 89kph
- On-board diagnostics with NO_x control

D2676 SCR 480PS



D2676 SCR 540PS



Power

Torque

Performance

@44000 kg

| Engine Power | Gearbox | Axle Ratio (HYD1370/HY1350) | Geared Road Speed (mph) | Engine RPM @55 mph | Engine RPM @50 mph | Starting Grade | Tyre Size |
|------------------|-----------|--------------------------------|----------------------------|-----------------------|-----------------------|----------------|-------------|
| 480PS | 16S232 DD | 3.08:1 | 73 | 1427 | 1297 | 33%+ | 295/80R22.5 |
| 540PS | 16S252 OD | 3.36:1 | 74 | 1413 | 1284 | 33%+ | 295/80R22.5 |
| (HPD1353/HP1333) | | | | | | | |
| 480PS | 16S252 OD | 3.63:1 | 74 | 1413 | 1284 | 33%+ | 295/80R22.5 |
| | | 4.33:1 | 62 | 1685 | 1532 | 33%+ | 295/80R22.5 |
| 540PS | 16S252 OD | 3.63:1 | 74 | 1685 | 1284 | 33%+ | 295/80R22.5 |

Clutch

Single plate 430mm diameter, non asbestos

Gearbox

Direct Drive 16 speed gearbox with range change and splitter (Overdrive with hub reduction axles)

Ratios

Forward

| | | | |
|----|-------|----|-------|
| 1L | 16.41 | 1H | 13.80 |
| 2L | 11.28 | 2H | 9.49 |
| 3L | 7.76 | 3H | 6.53 |
| 4L | 5.43 | 4H | 4.57 |
| 5L | 3.59 | 5H | 3.02 |
| 6L | 2.47 | 6H | 2.08 |
| 7L | 1.70 | 7H | 1.43 |
| 8L | 1.19 | 8H | 1.00 |

Reverse

| | | | |
|---|-------|---|-------|
| L | 15.36 | H | 12.92 |
|---|-------|---|-------|

Frame

| | |
|--------------|---------------------------------------|
| Construction | Bolted and Riveted |
| Material | High tensile steel |
| Section | 270 x 85 x 8mm 940 - 762mm waisted |

Fuel Tank

| | |
|----------|---|
| Capacity | 400 Litre |
| Section | Rectangular Steel RHS mounted Locking cap |

Axles

| | |
|-------|---|
| Steer | VOK-07 drop beam |
| Drive | HYD-1370/HY-1350 single reduction drive axles with cross and inter axle differential locks |

Suspension

| | |
|------------|---|
| Steer Axle | Parabolic Springs with Shock Absorbers and Stabiliser |
| Rear Bogie | Parabolic Springs with Shock Absorbers and Stabiliser |

Wheels & Tyres

| | | |
|-------------|--------|--------------------------------|
| Steer Axle | Tyres | 315/80R 22.5 steer tread |
| | Wheels | 9.00x22.5 |
| Drive Axles | Tyres | 295/80R 22.5 traction tread |
| | Wheels | 9.00x22.5 |

Electrical System

| | |
|------------|---|
| Type | MANTronic CAN bus system with central on board computer and vehicle management computer |
| Voltage | 24v |
| Alternator | 120 Amp |
| Batteries | 2 x 12v 175Ah |

Braking System

| | |
|---------------|---|
| Type | Electronic Brake System (EBS) with Anti-lock Braking System (ABS) |
| Features | Vented disc brakes*, 2 line trailer brake connections and pad wear indicators |
| Parking Brake | Spring brakes on rear axles |

* Cam brakes on Hub Reduction axles

Steering Gear

| | |
|------|---|
| Type | ZF 8098 Servocom hydraulically assisted. |
|------|---|

Exhaust System

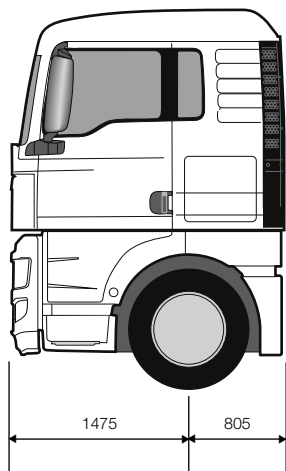
Ground discharge silencer.

General Equipment

- 3 piece plastic rear wings and spray reduction mats
- Catwalk & Step
- Hoses and couplings including ABS lead
- Coupling lamp
- 35 litre AdBlue tank
- Remote control central locking
- Heated Separ water trap
- Telemetry interface module

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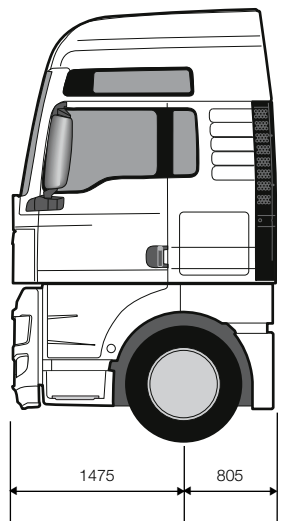
Cab Options



'XL' Sleeper - Standard
Additional weight: 0 kg



'XLX' Sleeper
Additional Weight: 40 kg



'XXL' Sleeper
Additional Weight: 85 kg

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