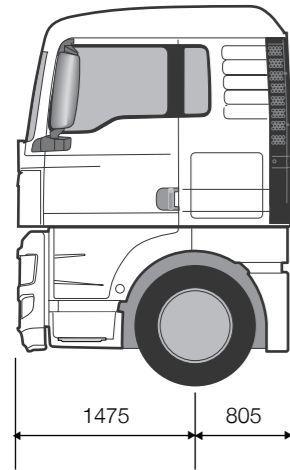


# TGX 6x2 Drawbar

## Cab Options

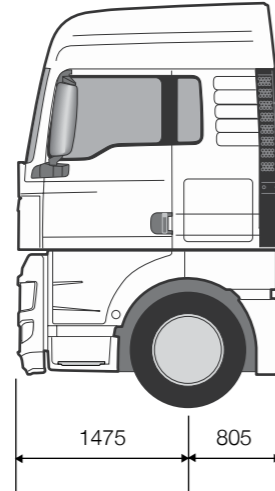
### 'XL' Sleeper - Standard

Additional weight: 0 kg



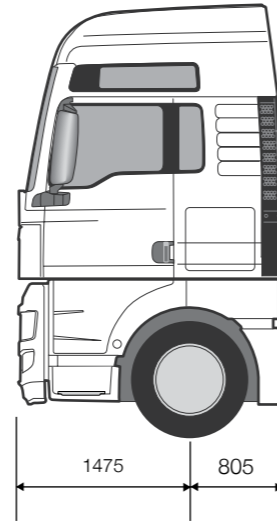
### 'XLX' Sleeper

Additional weight: 40 kg



### 'XXL' Sleeper

Additional weight: 85 kg



**MAN Truck & Bus UK Ltd.,**  
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Ref: MAN TGX 6X2DB / 08  
Issue Date: October 2019  
Technical illustrations are not binding. Picture on front cover may not be standard equipment  
We reserve the right to make modifications in line with technical progress.

## TGX 6x2 Drawbar

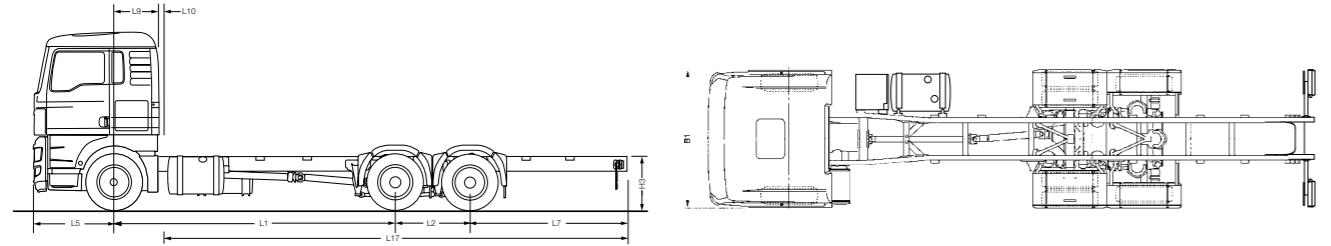
Chassis Specification: TGX 26.430 6x2-2 BL  
TGX 26.470 6x2-2 BL  
TGX 26.510 6x2-2 BL



# TGX 6x2 Drawbar

## Base Cab Model TGX 'XL' Cab

For cab variants, options and specifications see separate 'TGX Cab Specification' sheet



### Vehicle Dimensions (mm)

| Code | Description                                  | 4200   | 4500  | 4800  | 5100   | 5500  | 5900  |
|------|--|--------|-------|-------|--------|-------|-------|
| L1   | Wheelbase                                    | 4200   | 4500  | 4800  | 5100   | 5500  | 5900  |
| L2   | Rear bogie spread                            | 1350   | 1350  | 1350  | 1350   | 1350  | 1350  |
| L5   | Front overhang                               | 1475   | 1475  | 1475  | 1475   | 1475  | 1475  |
| L7   | Rear overhang                                | 2150   | 2400  | 2600  | 2800   | 3100  | 2900  |
| L9   | Centre line front axle to back of cab        | 805    | 805   | 805   | 805    | 805   | 805   |
| L10  | Back of cab to foremost body/equip. position | 80     | 80    | 80    | 80     | 80    | 80    |
| L17  | Min. recommended body length                 | 6387   | 6876  | 7401  | 7924   | 8621  | 9318  |
|      |  | ft.ins | 22'6" | 24'3" | 25'11" | 28'3" | 30'6" |
|      | Max. recommended body length                 | 6658   | 7164  | 7708  | 8249   | 8969  | 9640  |
|      |  | ft.ins | 23'6" | 25'3" | 27'0"  | 29'5" | 31'7" |
| B1   | Width across wings                           | 2500   | 2500  | 2500  | 2500   | 2500  | 2500  |
| H3   | Frame height at centre rear wheels           | 938    | 938   | 938   | 938    | 938   | 938   |
|      | - laden                                      | 938    | 938   | 938   | 938    | 938   | 938   |
|      | - unladen                                    | 968    | 968   | 968   | 968    | 968   | 968   |

Other wheelbases available: 3,900 - Contact MAN Product Engineering, Swindon for further information.

Recommended body length only applicable to bodies with UDL, without auxiliary equipment and vehicle to base specification.

### Turning Circle

| Code | Description  | 4200  | 4500  | 4800  | 5100  | 5500  | 5900  |
|------|--------------|-------|-------|-------|-------|-------|-------|
| WTW  | Wall to Wall | 17800 | 18700 | 19600 | 20500 | 21700 | 22900 |
| KTK  | Kerb to Kerb | 15900 | 16800 | 17700 | 18600 | 19800 | 21000 |

### Unladen Weights (kg +/- 2.5%)

| Location   | 4200 | 4500 | 4800 | 5100 | 5500 | 5900 |
|------------|------|------|------|------|------|------|
| Front axle | 5015 | 5040 | 5060 | 5075 | 5095 | 5110 |
| Rear axle  | 3495 | 3505 | 3525 | 3550 | 3570 | 3595 |
| Total      | 8510 | 8545 | 8585 | 8625 | 8665 | 8705 |

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

### Plated/Operating Weights (kg)

|                          | Design              | UK Legal                                   |
|--------------------------|---------------------|--|
| GTW Gross Train Weight   | 44000               | 40000 <sup>(1)</sup> /44000 <sup>(2)</sup> |
| GVW Gross Vehicle Weight | 26000               | 26000 <sup>(1)</sup> /24900 <sup>(2)</sup> |
| Front axle               | 8000 <sup>(3)</sup> | 8000 <sup>(3)</sup>                        |
| Drive axle               | 11500               | 11500 <sup>(1)</sup> /10500 <sup>(2)</sup> |
| Rearlift axle            | 7500                | 7500 <sup>(1)</sup> /6900 <sup>(2)</sup>   |

N.B. Tyre changes can effect legal weights. <sup>(1)</sup> At 40000 kg or below. <sup>(2)</sup> Above 40000 kg. <sup>(3)</sup> Alternative Front Axle capacities available: 9000 kg.

### Optional Equipment & Weights (kg)

|                                | Front | Rear | Total | Front                          | Rear | Total |
|--------------------------------|-------|------|-------|--------------------------------|------|-------|
| Rear steer facility            | +15   | +75  | +90   | 9000 kg Parabolic front spring | +40  | 0 +40 |
| 16 Speed manual gearbox        | +30   | +20  | +50   | 385/65R Super Single Tyres on  |      |       |
| PTO NH/4                       | +4    | +3   | +7    | 11.75x22.5 steel rims on front | +38  | 0 +38 |
| Alloy Air Tanks                | -10   | -5   | -15   | 'XLX' Sleeper cab              | +40  | 0 +40 |
| Front Air Suspension           | +95   | 0    | +95   | 'XXL' Sleeper cab              | +85  | 0 +85 |
| 9.00 x 22.5 Alcoa Alloy Wheels | -38   | -114 | -152  | Adjustable cab roof spoiler    | +40  | 0 +40 |
| 225 Ah Batteries               | +30   | 0    | +30   | ADR Preparation                | +40  | 0 +40 |

All weights indicated above are subject to +/- 2.5% manufacturer's tolerance.

# TGX 6x2 Drawbar



## Engine Model - Euro 6

|                    | D2676LF80  | D2676LF79  | D2676LF78  |
|--------------------|------------|------------|------------|
| Engine Power (PS)  | 430        | 470        | 510        |
| Rated Speed (rpm)  | 1800       | 1800       | 1800       |
| Torque (Nm)        | 2200       | 2400       | 2600       |
| Torque Range (rpm) | 930 - 1350 | 930 - 1350 | 930 - 1350 |
| Cylinders          | 6          | 6          | 6          |
| Capacity (cc)      | 12419      | 12419      | 12419      |

## Features

- Exhaust Gas Recirculation and Selective Catalytic Reduction
- Common Rail EDC
- Cruise Control
- Exhaust valve brake
- Road speed limiter set to 89 kph
- OBD-D

## Performance @44000 kg

| Engine Power | Gearbox TipMatic® | Axle Ratio | Geared Road Speed (mph) | Engine RPM @55 mph | Engine RPM @50 mph | Starting Grade | Tyre Size   |
|--------------|-------------------|------------|-------------------------|--------------------|--------------------|----------------|-------------|
| 430PS        | 1226 DD           | 2.53:1     | 85                      | 1200               | 1090               | 33%+           | 315/70R22.5 |
| 470PS        | 1226 DD           | 2.53:1     | 85                      | 1200               | 1090               | 33%+           | 315/70R22.5 |
| 510PS        | 1226 DD           | 2.53:1     | 85                      | 1200               | 1090               | 33%+           | 315/70R22.5 |

## Clutch

Single plate 430mm diameter, asbestos free lining

## Axles

|               |                          |
|---------------|--------------------------|
| Steer         | VOK-09 drop beam         |
| Drive         | HY-1350 single reduction |
| Rearlift Axle | NO-08 non steering       |

## Braking System

Type Electronic Brake System (EBS) with Anti-lock Braking System (ABS) and ASR traction control, including Emergency Brake Assist (EBA)

Features Vented disc brakes, 2 line trailer brake connections and pad wear indicators

Parking Brake Spring brakes on rear axles

## Gearbox

MAN TipMatic® 12 speed automated gearbox

### Ratios

|    |       |    |       |
|----|-------|----|-------|
| 1  | 16.69 | 2  | 12.92 |
| 3  | 9.93  | 4  | 7.67  |
| 5  | 5.9   | 6  | 4.57  |
| 7  | 3.66  | 8  | 2.83  |
| 9  | 2.17  | 10 | 1.68  |
| 11 | 1.29  | 12 | 1.00  |
| R  | 15.54 |    |       |

## Suspension

|               |  |
|---------------|--|
| Steer Axle    | Parabolic Springs with Hydraulic Dampers Stabiliser      |
| Drive Axle    | ECAS Controlled 4 Bag Air Hydraulic Dampers Stabiliser   |
| Rearlift Axle | 2 Bag Air Hydraulic Dampers Air operated lift Stabiliser |

## Steering Gear

Type ZF Servocom hydraulically assisted

## Wheels & Tyres

|               |        |                             |
|---------------|--------|-----------------------------|
| Steer Axle    | Tyres  | 315/70R 22.5 steer tread    |
|               | Wheels | 9.00x22.5                   |
| Drive Axle    | Tyres  | 315/70R 22.5 traction tread |
|               | Wheels | 9.00x22.5                   |
| Rearlift Axle | Tyres  | 315/70R 22.5 steer tread    |
|               | Wheels | 9.00x22.5                   |

## Frame

|              |                             |
|--------------|-----------------------------|
| Construction | Bolted and Riveted          |
| Material     | High tensile steel (S500MC) |
| Section      | 270 x 85 x 8mm              |
|              | 942 - 762mm waisted         |

## 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   |

## Fuel Tank

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

## Exhaust System

Ground discharge silencer, incorporating diesel particulate filter (DPF)

## General Equipment

60 litre AdBlue® tank  
Electronic immobiliser  
Chassis side guards  
3 piece plastic rear wings and spray reduction mats  
Mechanical battery master switch  
Rear axle diff lock  
Remote control central locking  
Heated water trap  
Full bodybuilder and telemetry interface module  
Bluetooth® interface  
Lane Guard System (LGS)  
Electronic Stability Programme (ESP)