



**TGS 27.480 6X4 BB SA TM**



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## CABIN

- Double sleeper cabin with storage space below bunk
- Coil spring cab mounts and air suspended driver's seat for high productivity and well-being of driver
- Heavy duty steel bumper with integrated protective grille for headlights
- LED daytime running lights
- Multi-function 4-spoke steering wheel with adjustable height inclination angle and parking position
- MMT radio with 7" display, Bluetooth® & smartphone integration
- ICS Rotary/ push controller

## ENGINE

- MAN D2676 LF03 turbo charged Euro 2 exhaust emission norm, in-line 6 cylinder engine with high output common rail injection system
- 12 419 ccm displacement; 480hp / 353kW at 1700 - 1900 rpm, 2300Nm at 1000 - 1400 rpm
- Air compressor 2-cylinder, 720 ccm

## AIR INTAKE SYSTEM

- Hybrid MAN air-intake system located behind the cab
- The intake duct for the engine air intake equipped with an additional pre-separator
- Safety insert inside the filter

## TRANSMISSION

- MAN TipMatic® 12 28 OD (overdrive) automated manual gearbox with Retarder 35  
Twelve forward gears:  
1st gear 12.92:1  
12th gear 0.77:1  
Two reverse gears
- Gearbox features include Smartshifting, idle speed driving, slope and load detection
- Gearbox-driven PTO NH/4C without flange suitable for direct coupling of hydraulic pump, output torque of 430 Nm and ratio of  $f = 1.14$  to engine speed

## FRONT AXLE & SUSPENSION

- MAN VOK-09 dropped, 9.2t capacity
- 3-leaf parabolic springs 9.5t enabling high frontal ground clearance
- Stabilizer and shock absorbers

## REAR AXLE & SUSPENSION

- 2x13t robust MAN Hypoid HYD-1370/HY-1350 rear axle with a final drive ratio  $i=4.11$
- 5-leaf parabolic springs 2x13t
- Stabilizers and shock absorbers on both rear axles

## RIMS & TYRES

- Front: 385/65R22.5 tyres, with 10-hole 11.75 x 22.5 steel rims
- Rear: 315/80R22.5 tyres, with 10-hole 9.0 x 22.5 steel rims

## BRAKING SYSTEMS

- MAN BrakeMatic® system for control of continuous brakes with Bremsomat functions
- High-performance engine brake with retarder
- Disc brakes all-round with anti-lock brake system (ABS)

## ELECTRICAL SYSTEMS

- System Voltage 24V; 2x 12V 180Ah batteries
- Basic alternator 28V 110A 3080W

## CHASSIS FRAME & ATTACHMENTS

- U section main members of high strength TM500 tempered steel with riveted & bolted cross members, profile 270 x 85 x 8 mm
- Jost JSK 38C, 190mm height
- Aluminium fuel tanks 590L on right- and 250L on left hand side

## SAFETY & DRIVER ASSISTANCE FEATURES

- Driver's airbag, with seat belt tensioner
- MAN Lane Guard System (LGS)
- Adaptive Cruise Control (ACC)
- MAN EasyStart for TipMatic® (Hill Start Assist)
- Electronic Stability Control (ESP) with functions of dynamic stability (DSP) and rollover prevention (ROP)
- Anti-Slip Control (ASR)

## DIMENSIONS & MASS DATA

L x W x H (mm)	6775 x 2550 x 3323 mm
Axle spacing	1400 mm
Wheelbase	3900 mm
Front overhang	1475 mm
Rear overhang	700 mm

GVM	33 000 kg
GCM	70 000/90 000 kg
GA Front	9 000 kg
GAU Rear	26 000 kg
Tare mass	9 000 kg Estimated

**NOTE:** The manufacturer reserves the right to make changes to the design, form, colour and specification during the delivery period. Please consult your MAN sales executive to confirm final specifications upon ordering.

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