

MAN

TGS 41.480 8X4 BB CH NN



TGS 41.480 8X4 BB CH NN

CABIN

- MAN medium size day cabin
- 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 and Bluetooth®

ENGINE

- MAN D2676LF03 turbo charged Euro 2 exhaust emission norm, in-line 6 cylinder engine with high output common rail injection system
- 12419 ccm displacement; ; 480hp / 353kW at 1700 – 1900 rpm, 2300Nm at 1000 – 1400rpm
- Air compressor 1-cylinder, 360 ccm

AIR IN TAKE SYTEM

- Hybrid MAN air-in-take 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 NTX/10C without flange suitable for direct coupling of hydraulic pump, output torque of 720 Nm and ratio of $f = 1.15$ to engine speed

FRONT AXLE & SUSPENSION

- MAN VOK-09 straight, 2x 9.2t capacity
- 3-leaf parabolic springs 2x 9.5t enabling high frontal ground clearance
- Stabilizer and shock absorbers

REAR AXLE & SUSPENSION

- 2x13t robust MAN Hub-Reduction HPD-1382/HP-1352 rear axle with a final drive ratio $i=4.33$
- 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
- Drum 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 9.5 mm
- Steel fuel tank 400L on right

SAFETY & DRIVER ASSISTANCE FEATURES

- 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)	9736 x 2550 x 3174 mm
Axle spacing (Front)	1795 mm
Axle spacing (Rear)	1400 mm
Wheelbase	5702.5 mm
Front overhang	1475 mm
Rear overhang	2500 mm

GVM	41 000 kg
GCM	70 000/90 000 kg
GA Front	16 000 kg
GAU Rear	26 000 kg