MAN TGS 40.440 6X4 BB SA

THE NEW MAN TRUCK GENERATION — HEAVY-DUTY SEMITRAILER TRACTOR

TECHNICAL DATASHEET

ENGINE POWER	MAX TORQUE	DRIVE CONFIGURATION	EMISSION STANDARD
440 HP / 324 kW	2,250 Nm	6x4 Tandem	Euro 2

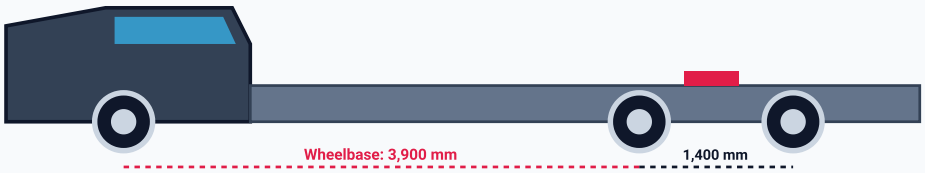
ENGINE & DRIVELINE

Engine Model	**MAN D2676 LFBW (D26)**
Architecture	6-cylinder in-line, Turbocharged
Max. Output	440 HP (324 kW)
Max. Torque	2,250 Nm
Gearbox	**MAN TipMatic 12.28 OD**
Driving Programs	Efficiency & Offroad
Engine Brake	MAN EVBec High Performance
Clutch	Single-plate dry heavy-duty 430mm

CHASSIS, AXLES & BRAKING

Axle Configuration	**6x4 (Driven rear tandem)**
Main Wheelbase	**3,900 mm (+ 1,400 mm rear)**
Rear Overhang	700 mm (tapered frame end)
Front / Rear Suspension	Mechanical Parabolic Springs (BB)
Front Axle	Non-driven, 9,000 kg tech max.
Rear Axles	Hub reduction tandem (16t x 2)
Axle Ratio	i = 4.33 (with diff locks)
Brakes & Safety	Off-road drum brakes, EBS + ABS

DIMENSIONAL BLUEPRINT & WHEELBASE (MM)



Extra Heavy-Duty Chassis & Severe Conditions: Built for heavy transport both on-road and unpaved tracks, the MAN TGS 40.440 6x4 combines planetary hub reduction rear axles with the automated MAN TipMatic Offroad gearbox to deliver maximum traction under extreme operating loads.

MAN TGS 40.440 6X4 BB SA — ADVANCED SPECIFICATIONS

WEIGHT CAPACITIES, CAB EQUIPMENT & TIRES

APPROVAL N3G / EURO 2

WEIGHTS, LOADS & TECHNICAL CAPACITIES

Load Designation	Legal Rating	Technical Max. Rating
G.V.W. (Gross Vehicle Weight)	26,000 kg	**40,000 kg**
G.C.W. (Gross Combination Weight)	44,000 kg	**61,000 kg (Technical Plus)**
Front Axle Load Rating	9,000 kg	9,000 kg
Rear Tandem Load Rating	19,000 kg (2x 9.5t)	32,000 kg (2x 16.0t with hub reduction)
Fuel Tank Capacity	**400 Liters (Steel tank on the right, lockable cap)**	

TN CAB & INTERIOR AMENITIES

- **Cab Type:** TN (long, compact, standard height) mounted on *Comfort* cab suspension.
- **Instrumentation:** 100% digital 12.3-inch *Professional* instrument cluster.
- **Steering Wheel:** Multifunction, height/tilt adjustable with parking position.
- **Driver Seat:** Air-suspended "Plus" seat with belt height adjustment & armrests.
- **Sleeping Area:** Lower bunk with 70 mm mattress and ergonomic slatted frame.
- **Climate Control:** Manual air conditioning + cyclone dust pre-separator.
- **Soundproofing:** Reinforced thermal and acoustic insulation package.

ACTIVE SAFETY & SIGNALING

- **Brake Assistance:** BAS (Brake Assist System) & emergency brake hazard signaling.
- **Hill-Start Assist:** MAN EasyStart anti-roll-back system.
- **Front Lighting:** H7 Basic headlight pack with daytime running lights & protective stone guards.
- **Horns:** Dual compressed air horns mounted on the cab roof.
- **Site Lighting:** Dual amber rotating beacons + dual white LED work lights on the roof.
- **Stability Control:** ESP system with ASR anti-slip regulation.

TIRES, WHEELS & FIFTH WHEEL EQUIPMENT

Front Tires	Goodyear 325/95R24 OMNITRAC S HD (Steer S+G profile) — Steel Rims 8.5×24
Rear Tires	Goodyear 325/95R24 ORD (Off-Road HD profile) — Steel Rims 8.5×24 (Matching spare included)
Fifth Wheel	JOST JSK 38 C 3.5-inch with automatic lubrication system & rubber mounting
Connections & Towing	24V electrical sockets (7+7 pin), ABS connectors, rear ROCKINGER SK5 towing coupling

* Summary technical datasheet compiled based on MAN Truck & Bus vehicle approval specifications. All technical and load data remain subject to applicable national road transport regulations.