

MAN TGS 22.440 4x2 BB SA

Versatile Heavy-Duty Semitrailer Tractor • The New MAN Truck Generation • Euro 2 Emission Standard

ENGINE POWER 440 hp / 324 kW	CONFIGURATION 4x2 BB SA	TECH. GVW 19,000 kg	TECH. GCW 44,000 kg
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KEY VEHICLE SPECIFICATIONS

PARAMETER	VALUE / DESCRIPTION	OPT. CODE
Product Range	The New MAN Truck Generation	-
Variant / Type	TGS 22.440 4x2 BB SA (Heavy Semitrailer Tractor N3)	0P2UA / 0P2UC
Cab Type	TN Cab: Versatile (compact, long, standard height)	0P2DF
Engine & Emissions	MAN D2676 LF04 – 6 cyl. 12.4L – 324 kW (440 hp) / 2,100 Nm (Euro 2)	0P6BP
Gearbox	MAN TipMatic 12.28 OD automated transmission (with retarder)	0P5VW
Wheelbase & Overhang	Main Wheelbase: 3,900 mm Rear Overhang: 1,025 mm	0P2ZK / 0P3CQ
Suspension (Front / Rear)	Leaf / Leaf (BB) - Parabolic 3-leaf (9.5t) / 5-leaf (16t)	0P2YB
Rear Axle	HP-1352 planetary hub reduction axle (ratio i = 4.00) with diff lock	0P1Y5 / 0P0D2
Braking System	EBS, ABS, BAS, MAN EVB High Performance engine brake, Drum brakes (Front/Rear)	0P0BL / 0P0BV
Fuel Tank	590 Liters Aluminum (Right side) with lockable cap	0P4EL / 0P4GM
Fifth Wheel Coupling	JOST JSK 37 C 2" (Height: 185 mm, Plate: 40 mm, Imposed load pos.: 425 mm)	0P1RM / 0P1PS

CAPACITIES & ADMISSIBLE WEIGHTS

Vertical Loads (GVW & Axles)	Legal / Tech.	Horizontal Loads (GCW)	Performance
Gross Vehicle Weight (GVW)	19,000 kg	National Homologation GCW	40,000 kg
Front Axle Load Capacity	8,000 kg (Tech. 9,500 kg)	Maximum Technical GCW	44,000 kg
Rear Axle Load Capacity	13,000 kg (Tech. 16,000 kg)	TipMatic Efficiency Mode Rating	Up to 70,000 kg
Fifth Wheel Load Capacity	Max. 20,000 kg	TipMatic Offroad Mode Rating	Up to 70,000 kg

DRIVETRAIN & DRIVING ASSISTANCE

Engine & Emission Technology		D2676 LF04	
Power / Torque Output	324 kW (440 hp) / 2,100 Nm		
Emission Standard	Euro 2 (Purity grade cl. 25)		
Fuel Pre-filter	Oil/Water separator		
Cooling Fan	High-capacity Viscostatic		
Soundproofing	Engine noise insulation shields		
Radiator Protection	Front protective grille		

Transmission & MAN TipMatic Software		12.28 0D	
TipMatic Control	Steering column lever (DNR)		
Efficiency Program	Fuel economy optimization		
Offroad Program	Challenging terrain strategy		
MAN EfficientRoll / Idle Driving	Included (Freewheel / Idle)		
Rocking-free Mode	Stuck vehicle recovery assist		
Clutch	Single-plate dry clutch 430 mm		

CHASSIS, BRAKING & EXTERIOR EQUIPMENT

Chassis Frame & Tanks		0P0Y7	
Main Frame Thickness	9.5 mm (Reinforced frame)		
Fuel Tank	590 L Aluminum (Right side)		
Batteries	2x 12V 175 Ah (Maintenance-free)		
Battery Main Switch	Mechanical on battery box		
Catwalk Platform	With access step		
Spare Wheel & Carrier	Carrier + Lift mechanism (Left)		

Braking System & Safety		EBS / ABS	
Electronic System (EBS)	With integrated ABS and BAS		
Engine Brake	MAN EVB High Performance		
Hill Start Assist	MAN EasyStart		
Brake Type	Drum brakes Front and Rear		
Trailer / Emergency Brake	Manual valve on driver console		
Traction Control	ASR Anti-Slip Regulation		

TYRES & WHEELS

AXLE	DIMENSIONS & TREAD PATTERN	WHEELS	EU LABEL SPECIFICATIONS
Front Axle (Steer)	Bridgestone 315/80R22.5 M-STEER 001 (S+G TL)	1-piece steel 10-hole 9.00x22.5	Efficiency: C Grip: B Noise: 69 dB
Rear Axle (Drive)	Bridgestone 315/80R22.5 M-DRIVE 001 (Dual mounted)	1-piece steel 10-hole 9.00x22.5	Efficiency: D Grip: B Noise: 72 dB
Spare Wheel	Bridgestone 315/80R22.5 (Matches Rear Axle)	1-piece steel 9.00x22.5	Includes 20m inflation hose kit

CAB COMFORT, INTERIOR & INFOTAINMENT

Driver Workplace & Seats		TN Cab
Driver Seat	Comfort air-suspended seat	
Co-driver Seat	Adjustable length and backrest	
Multifunction Wheel	Height & tilt adjustable	
Air Conditioning	Manual AC with cabin filter	
Instrument Cluster	Basic km/h + Tachograph	
Interior Color Scheme	Moon Grey washable finish	

Bunk & Storage Space		OPKNC
Lower Bunk	Slatted frame + 70mm mattress	
Under-bunk Storage	Boxes accessible Int. / Ext.	
Roof Compartments	4 single DIN-standard racks	
Cab Curtains	All-round + transverse curtain	
Infotainment	MAN Radio 7" display + USB ports	
Loudspeakers	Integrated MAN sound system	

DETAILED DIMENSIONS & TECHNICAL GEOMETRY

CODE	DIMENSION DESCRIPTION	VALUE (MM / M)
TD071	Overall Vehicle Length	6,528.0 mm
TD001 / TD008	Cab Width / Overall Width over Mirrors	2,240.0 mm / 2,981.0 mm
TD033 / TD034	Maximum Overall Height (Unladen / Laden)	3,296.0 mm / 3,198.0 mm
TD063 / TD064	Front Overhang / Rear Frame Overhang	1,493.0 mm / 1,025.0 mm
TD067	Fifth Wheel Position to Front Axle Center (Nominal)	3,475.0 mm
TD051 / TD052	Fifth Wheel Height Above Ground (Unladen / Laden)	1,455.0 mm / 1,304.0 mm
TD009 / TD010	Chassis Frame Width (Front / Rear)	945.0 mm / 765.0 mm
TD078	Chassis Main Frame Section Profile	270 x 85 x 9.5 mm
TD055 / TD056	Turning Diameter (Track Circle / Wall-to-Wall)	13.7 m / 15.6 m

BODYBUILDER INTERFACES & SAFETY EQUIPMENT

Electrical & Pneumatic Connections		Semitrailer
Trailer Brake Lines	2 lines (Standard coil connection)	
Trailer Electric Socket	24V 15-pin + Y-cable	
Trailer ABS Socket	Spiral cable behind cab	
Data Interfaces	KSM (Bodybuilder) + FMS (Fleet Management)	

Lighting, Paint & Onboard Tools		Finish
Headlights & DRL	H7 + LED Daytime Running Lights	
Working Lights	2x LED on roof panel	
Cab Paint Finish	Pure White RAL 9010	
Onboard Tools	25t Jack, First Aid Kit, Warning Triangle	