

Vehicle description for: TGS 41.400 8x4 BB CH



Illustration can deviate

Vehicle standards

Product family	The new MAN Truck Generation
Model & Variant	TGS 41.400 8x4 BB CH
Emission class	EURO2
Engine family	D20
Engine output	294 kW
Vehicle type	Vehicle type Truck mixer (TM)
Body type	103 Truck mixer
Cab	Local transport cab NN
Main wheel distance	2505 mm
Overhang	1250 mm
Steering configuration	Left

Vertical Load

	National Registration	Technical Load	Technical Load Plus
Gross weight	41,000 kg	41,000 kg	41,000 kg
Front axle	8,000 kg	8,000 kg	8,000 kg
Front axle 2	8,000 kg	8,000 kg	8,000 kg
Rear axle	13,000 kg	13,000 kg	13,000 kg
Rear axle 2	13,000 kg	13,000 kg	13,000 kg

Horizontal Load

	National Registration	Technical Load	Technical Load Plus
Gross train weight	0 kg	0 kg	0 kg

The printed images in this offer are for explanatory purposes and may differ from the actual configuration.
For further product information on the tire selection "selectively", please contact our sales staff.

Vehicle characteristics

Basic characteristics

☐	Vehicle version for public service deployment	0P0H7
☐	Chassis	0P2U9
☐	Chassis class, heavy	0P2UC
☐		
☐	Merchant tonnage 41 t	0P8LN
☐	Basic layout of vehicle, all-round	0PGCU
☐	Frame type, medium-high	0P2TQ
☐	Vehicle type Truck mixer (TM)	0P2UT
☐	Left-hand-drive	0P3AS
☐	Right-hand traffic	0P3F5
☐	Vehicle documentation in French	0P2LA
☐	Labelling in French	0P8NN
☐	Cab position 640 mm (distance from frame lower edge to cab floor)	0PHBE

Registration

☐	Vehicle approval, N3G class	0P3JS
☐	Maximum speed limiter, 89 km/h, tolerance +1 km/h, electronic, engine speed regulation	0P2UJ
☐	Maximum vehicle noise level, 80 dB in acc. with UN/ECE-R 51.02	0PINC
☐	Height over cab, unloaded up to 4,000 mm	0PHA1
☐	Vehicle classification in accordance with regulation (EU) 2018/858	0PKAW

Documents

☐	Without registration documentation, national	0P3B0
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Application scope / transport tasks

☐	Construction	0P6WH
☐	103 Truck mixer	0P2R4
☐	Temperature range, vehicle deployment, operation at high temperatures	0P8KX
☐	Case hardness of final drive Distribution	0P4F0

Lines, editions and packages

☐	Special request paintwork	0PJTD
☐	Without Individual Lion package	0PJT1

Horizontal and vertical loads

☐	41,000 kg permitted gross load, vertical, nat. appr.	0P5RD
☐	41,000 kg permitted gross load, vertical, tech.	0P5UY
☐	41,000 kg permitted gross load, vertical, tech. Plus	0P8IN
☐	8,000 kg permitted load on front axle, nat. appr.	0P5KT
☐	8,000 kg permitted load on front axle, tech.	0P5LN
☐	8,000 kg permitted load on front axle, tech. Plus	0P8D4
☐	8,000 kg permitted load on 2nd front axle NatZu	0P5F1
☐	8,000 kg permitted load on 2nd front axle, tech.	0P5NM
☐	8,000 kg permitted load on 2nd front axle, tech. Plus	0P7TX
☐	13,000 kg permitted load on rear axle NatZu	0P5HC

☐	13,000 kg permitted load on rear axle, tech.	0P5IO
☐	13,000 kg permitted load on rear axle, tech. Plus	0P8BY
☐	13,000 kg permitted load on 2nd rear axle NatZu	0P5FM
☐	13,000 kg permitted load on 2nd rear axle, tech.	0P5M9
☐	13,000 kg permitted load on 2nd rear axle, tech. Plus	0P7TJ
☐	0kN D value	0P8XD

Notification texts

☐	Without note (propshaft wear)	0PJRV
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Chassis

Vehicle frame (wheelbase, overhang, ...)

☐	Main wheelbase, 2,505 mm	0P2YQ
☐	Wheelbase between front axles, 1,795 mm	0P3C1
☐	Wheelbase between rear axles, 1,400 mm	0P3BX
☐	Frame overhang, rear, 1,250 mm	0P3CY
☐	Main frame side member thickness, 9.5 mm	0P0Y7
☐	Vehicle rear, straight end of frame	0P0XT

Exhaust system, air intake

☐	Exhaust silencer, side, right	0P1BH
☐	Exhaust tailpipe, behind cab, right, vertical, with outlet valve	0P1BN
☐	Air intake, behind cab, raised	0P0AY
☐	Pre-separator for engine air intake	0P0BA

Battery cases, batteries, alternator

☐	2 batteries, 12 V, 180 Ah, long-life (EFB), maintenance free	0PGB1
☐	Alternator, Basic	0P1BV
☐	Medium battery box, 2 batteries	0P0WU
☐	Battery box, left	0P0WO
☐	Main battery switch, mechanical	0P0WF
☐	Fuses	0P1V1

Tanks and fuel line

☐	Guard plate for tanks	0P1DL
☐	Fuel tank capacity 400 l, right	0P4ED
☐	Fuel tank, right, steel	0P4GN
☐	Tank cross-section, right, medium	0P4HE
☐	Fuel tank cap, lockable for master key system	0P4H5
☐	Filter screen for fuel tank filler neck	0P1EM
☐	Fuel pre-filter position on the battery box	0PIW9

Frame attachments

☐	Without underride protection, front	0P1FM
☐	Without working platform	0P0VH
☐	Without underride protection, side	0P1FG
☐	Spare wheel, provisionally mounted	0P1GR
☐	Final cross member, with hole pattern 160 x 100 mm	0P1SB

☐	Underride protection, rear, round	0P1FD
☐	Wheel chock, two units, without retaining device, delivered loose	0P6WX
☐	Without body attachment brackets/thrust plates	0P0X6

Pneumatic brakes, compressed-air generation, brake system

☐	Air compressor, 1-cylinder, 360 ccm	0P0AF
☐	Compressed-air treatment, pneumatically controlled	0P0AB
☐	Compressed-air tank, steel, with elastic inserts beneath clamping straps	0P8KE
☐	Electronic brake system (EBS)	0P0BL
☐	Anti-lock braking system (ABS)	0P0BE
☐	Full brake assistant	0P0CM
☐	Without preparation for EBS Full control unit	0PHPM
☐	MAN EVB high-performance engine brake	0P0BV
☐	Drum brakes on front axle	0P1IA
☐	Drum brakes on 2nd front axle	0P1IJ
☐	Drum brakes on rear axle	0P1I5
☐	Drum brakes on 2nd rear axle	0P1IF
☐	Parking brake control, next to driver's seat	0P3KH
☐	Parking brake with spring-type actuator on rear axles (incl. leading axle/ trailing axle)	0PGBL
☐	Parking brake, on front axle(s), pneumatic, additional, exhaustible	0P0C1

Lights and acoustic signals on the chassis (rear lights, ...)

☐	Rear lights	0P2AQ
☐	Protective cover for rear lights	0P6XS
☐	Acoust. Reversing warning system when reverse gear selected	0P3CD
☐	Light function test	0P2AD
☐	Side marker lights, LED	0P2BJ

Driveline/running gear

Engine, radiator

☐	Diesel engine MAN D2066 LF06, 294 kW (400 hp) output, 1,900 Nm torque, Euro 2	0P6BR
☐	Fuel filter, for fuels up to Cleanliness Class 25	0PHII
☐	Fuel pre-filter, with water trap	0P0AT
☐	Without torque reduction	0P0G5
☐	Engine dry-air filter, with safety insert	0P0B8
☐	Ventilation, crankcase, closed	0P8PM
☐	Anti-noise skirt, engine	0P2E7
☐	Reduction of dust swirl through radiator fan	0P1YE
☐	Engine cooler, normal length	0P4XX
☐	Radiator protection, lower	0P1XE
☐	Front radiator protection, grille	0P1VP
☐	Engine oil dipstick and digital oil level gauge	0P0B6
☐	Warning message for engine coolant level, with advance warning	0P0KA
☐	Antifreeze, down to -32 °C	0P0AK
☐	Cover for intercooler	0P1X4
☐	Service product level indicator and intake system vacuum	0P3KT

Gearbox, clutch

☐	Manually operated gearbox, MAN 16.25 OD	0P5VL
☐	Gearbox for increased percentage of overrun during driving operation	0PGCL
☐	Manual gearbox operation, single-H, group/split switch	0P3KL
☐	Single-disc clutch, 430 mm, dry	0P0DT
☐	Main propshaft, 30,000 Nm functional limit torque	0PKZJ
☐	Propshafts with standard grease, cannot be lubricated	0PKZL
☐	Driveline propshaft, reinforced	0P0E2
☐	Propshaft, 2nd rear axle, reinforced	0PGCF

Wheels, tyres

☐	Required tyre speed index K	0PFW3
☐	Front axle tyres Bridgestone 315/80R22.5 M-STEER 001 Steering-Road+Offroad TL	0PEYF
☐	Rim type, front axle, steel, single-part	0P0P0
☐	Rim size, front axle, 10-hole, 9.00x22.5	0P0NI
☐	Wheel nut cover ring, front axle	0P0PR
☐	Tyres 2nd front axle Bridgestone 315/80R22.5 M-STEER 001 steer S+G TL	0PFJ9
☐	Rim type, 2nd front axle, steel, 1-part	0P0PF
☐	Rim size, 2nd front axle, 10-hole, 9.00x22.5	0P0OH
☐	Wheel nut cover ring, 2nd front axle	0P0Q3
☐	Rear axle tyres Bridgestone 315/80R22.5 M-DRIVE 001 Drive-S+G TL	0PDT9
☐	Rim type, rear axle, steel, single-part	0P0OO
☐	Rim size, rear axle, 10-hole, 9.00x22.5	0P0MU
☐	Tyres for 2nd rear axle Bridgestone 315/80R22.5 M-DRIVE 001 Drive-Road+Offroad TL	0PEB9
☐	Rim type, 2nd rear axle, steel, single-part	0P0PA
☐	Rim size, 2nd rear axle, 10-hole, 9.00x22.5	0P0O7
☐	Spare wheel, in accordance with configuration for 2nd rear axle tyres	0P0MJ
☐	Tyre inflation hose, 20 m, with pressure gauge	0P1UA
☐	Centring sleeves for rim mounting	0PHZW

Axles

☐	8x4	0P3BI
☐	Steering ratio, standard	0P1JX
☐	Steering oil tank with electrical measuring sensor	0P1JV
☐	Front axle, 9,200 kg, not driven, straight, steered, not liftable	0P5EX
☐	Mudguard, front axle	0P1AT
☐	Splash guard mat on mudguard, front axle, longer at bottom	0P1XS
☐	2nd front axle, 9,200 kg, not driven, straight, steered, not liftable	0P4ZH
☐	Mudguard, 2nd front axle, removable upper shell	0P1B8
☐	Rear axle HPD-1382, 13,000 kg, planetary axle with drive-through, straight, not steered, not liftable	0PIY1
☐	Twin tyre on rear axle	0P1HN
☐	Transfer mudguard, rear axle	0P1AQ
☐	2nd rear axle HP-1352, 13,000 kg, planetary axle without drive-through, straight, not steered, not liftable	0PIVD
☐	Twin tyre on 2nd rear axle	0P1HW
☐	Transfer mudguard, 2nd rear axle	0P1B6
☐	Axle ratio, $i = 4.00$	0P0D2

☐	Differential locks on driven rear axles	0P0DI
☐	Without differential locks, front axles	0P0DL
☐	Emergency steering pump	0P1KO

Axle control system and suspension

☐	Suspension type for front axles and driven rear axles, leaf/leaf (BB)	0P2YB
☐	Leaf-spring suspension on front axle, parabolic, 3-leaf, steel	0P1JE
☐	Leaf-spring suspension on 2nd front axle, parabolic, 3-leaf, steel	0P1JS
☐	Leaf-spring suspension on rear axle, parabolic, 5-leaf, steel	0P1J2
☐	Leaf-spring suspension on 2nd rear axle, parabolic, 5-leaf, steel	0P1JL
☐	Spring load-bearing capacity front axle 8,000 kg	0P5C2
☐	Spring load-bearing capacity of 2nd front axle, 8,000 kg	0P5DE
☐	Spring load-bearing capacity of rear axle, 13,000 kg	0P5BV
☐	Spring load-bearing capacity of 2nd rear axle, 13,000 kg	0P5C7
☐	Shock absorbers on front axle	0P1M4
☐	Shock absorbers on 2nd front axle	0P1ME
☐	Shock absorbers on rear axle	0P1LQ
☐	Shock absorbers on 2nd rear axle	0P1M9
☐	Stabiliser, front axle	0P1LD
☐	Stabiliser, 2nd front axle	0P1LK
☐	Stabiliser, rear axle	0P1LA
☐	Stabiliser, 2nd rear axle	0P1LH
☐	Wishbone	0P6ZR
☐	Without air suspension control, trailer/semitrailer	0PHN2

Cab

Cab and cab exterior

☐	Local transport cab NN	0P2DL
☐	Cab mount, Basic	0P1V8
☐	Cab tilt mechanism, manual	0P1V6
☐	Tilting roof, mechanical	0P1VW
☐	Bumper, steel, 3 pieces	0P1SG
☐	Front step, integrated, with grab option	0P1VE
☐	Windscreen, composite safety glass, tinted	0P1X0
☐	Sunblind, in front of windscreen	0P1WK
☐	Wiper system for windscreen	0P1WG
☐	Wiper activation, manual	0P1UL
☐	Step unit, hinged	0P1V0
☐	Central locking, no remote control	0P1WS
☐	Vehicle key, 2 units	0P3JT
☐	No door extension	0P1WV
☐	Door labelling, according to trade tonnage of vehicle	0P2DQ
☐	Door windows, tinted	0P1WO
☐	Door window, safety glass	0P1WM
☐	Cab rear wall, no window	0P1VD

Lights and acoustic signals on cab exterior (headlights, horn, ...)

☐	Without light and headlight package	0PKWU
☐	Front headlights, H7	0P1ZN
☐	Stone protection guard for front headlights, wide and fine mesh	0PICD
☐	Daytime driving lights, H7	0P2BN
☐	Turn signal lights, sides, bulb	0P1Z6
☐	Headlight beam regulator, manual	0P2AC
☐	Driving-light control, manual	0P1ZF
☐	Contour lights, bulb, 2 units	0P2BT
☐	Horn, two-tone, electrical	0P1W1
☐	Preparation for revolving beacons (wiring)	0P2BF
☐	2 revolving beacons on cab roof, 1 right and 1 left	0P2B3
☐	Without revolving beacons at the rear of the vehicle	0PJRO

Mirrors and mirror replacements

☐	Without mirror package	0PKWV
☐	Exterior rear-view mirror, electrically adjustable	0P2CA
☐	Kerb mirror, right, electrically adjustable	0P2CG
☐	Mirror housing, not painted	0P2CP
☐	Vehicle components, suitable for body width larger than 2,400 mm to 2,600 mm	0P2CT

Seats

☐	Seat covers, fabric, standard	0P2PQ
☐	Without driver's seat package	0PKXV
☐	Comfort driver's seat, air-sprung	0P2P2
☐	Without co-driver's seat package	0PKXU
☐	Co-driver's seat, not sprung, length and backrest adjustment	0P2OQ
☐	Seat belt indicator, driver's side, acoustic and visual	0P2NB

Driver's workplace

☐	Multi-function steering wheel, adjustable height and angle	0P2GD
☐	Steering wheel, with parking position	0P2GE
☐	Steering lock	0P3JZ
☐	Instrumentation, Basic km/h	0P3L3
☐	Digital tachograph, MAN	0P2KR
☐	Tachograph, calibrated	0P2KG
☐	Stowage compartment, open, to the right of climate control panel	0PGT8
☐	2 pull-out cup holders in instrument panel	0P2FA
☐	Plug-in ashtray, instrument panel in middle section, 1 unit	0P2FO
☐	Cigarette lighter	0P2IH
☐	Single DIN slots, 4 units, roof space, front	0P2FJ
☐	Without storage tray next to seat	0PJRS

Cab air-conditioning system

☐	Air-conditioning system, manual	0P2NU
☐	Pre-separator (cyclone filter) for interior air intake	0P2O7

Bunk area

☐	Without bunk area	0PKFY
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Cab interior

☐	Colour scheme for interior styling, dark	0P2I6
☐	Interior styling analogous to colour scheme	0PGBT
☐	Without driver's workplace package, Comfort	0PKXT
☐	Windscreen roller blind, internal	0P2FE
☐	Interior light, reading light (driver's side)	0PKMY
☐	Interior light, central	0PHA6
☐	Reading light, 1 unit, driver's side	0P2IQ
☐	Entry lighting	0P2IO
☐	Entry handles, standard	0PHPK
☐	Door interior cladding, washable	0P2IA
☐	Without stowage and storage space package	0PKXS
☐	2 storage compartments, cab rear wall, behind driver's and co-driver's side and net on cab rear wall	0PGB8
☐	Storage, instrument panel in middle section, open	0P2HK
☐	Grab handle, above door, internal, 2 units, 1 right and 1 left	0P2G2

Accessories and tools

☐	Without accessories and tools package	0PKXA
☐	Vehicle toolkit	0P2TX
☐	First aid kit	0P3F3
☐	Warning triangle, 1 units	0P3FI
☐	Hazard warning light, 1 units, with continuous light function	0P3FF
☐	Jack, 25,000 kg	0P3F9

Intelligent Truck

Assistance systems

☐	Tempomat (cruise control, CC)	0P1TR
☐	Road speed limiter, adjustable, limiter (engine speed regulation)	0P0C3
☐	Without advanced emergency braking system	0P1U5
☐	Without driving fitness detection system	0PHN5
☐	Without Front Detection	0PHNA
☐	Without traffic sign recognition	0PHNE
☐	Without Reversing Motion System	0PHNV
☐	Without distance warning system	0PKA0
☐	Without MAN SafeStop Assist	0PLB5

Infotainment (radio,...)

☐	MMT infotainment system, Starter Basic	0P2M1
☐	MAN loudspeaker system	0P2MF
☐	No navigation map	0P2N2
☐	Arabic additionally for display	0P2JL

Bodies/interfaces

Interfaces to semitrailer (e.g. fifth-wheel coupling, brake connection,...)

☐	Without trailer brake connection behind cab	0P1O3
☐	No fifth-wheel coupling	0P1RJ
☐	Without sensing of the fifth-wheel coupling	0PHN7

Interfaces to trailer (e.g. trailer coupling, brake connections,...)

☐	Towing coupling at final cross member, RINGFEDER type 6451	0P1MY
☐	Towing coupling on final cross member	0P1SH
☐	Without trailer brake connection at end of frame, centre	0P1O0
☐	Without trailer socket at frame end	0P1OW
☐	Without trailer socket for anti-lock brake system (ABS)	0P1O9

Ex works bodies and interfaces to bodies (e.g. tipper indicator...)

☐	Interface for data exch. with body (customer-specific control module) and engine intermediate speed control (ZDR), front area of cab	0P2NA
☐	Interface for vehicle data (FMS)	0P2J3

PTOs

☐	PTO, engine-dependent, non-shiftable	0P4N8
☐	PTO, engine-dependent, flywheel, flange (6-hole, 100 mm), f=1.233, 650/720 Nm continuous/short	0P4W3
☐	PTO direction of rotation, engine-dependent, same as engine (anticlockwise)	0P4P7
☐	Flange connection on PTO, engine-dependent, 100 mm diameter (6-hole)	0P4OR
☐	Engine-dependent power take-off, continuous operation	0P4XF
☐	Flange coupling for PTO, engine-dependent, elastic, supplied loose	0P4O7
☐	Without fan wheel for PTO, gearbox-dependent	0P4VR
☐	Preparation for electrical circuit for PTO, engine-dependent	0PHPD
☐	Function parameters for shiftable PTO preparation, engine-dependent, driving operation	0P4VV
☐	Sector-specific parameterisation, general	0P4X0

Towing, recovery and lashing

☐	Central coupling jaw, integrated in bumper/front cross member, with lock pin	0P1MK
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Paintworks

Paintwork, cab, top

☐	Top coating, cab	0P6YB
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Paintwork, cab, bottom

☐	Textured coating, step units	0P6X9
☐	Textured coating, mudguard, behind cab	0P6YG
☐	Textured coating, bumper, steel	0P6YQ

Paintwork, chassis

☐	Without additional top coating on chassis	0PJTK
☐	Top coating, rims, steel, white-aluminium	0P6YL

Colour

☐	Top coating, cab	PURE WHITE RAL 9010	N
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Technical data: TGS 41.400 8x4 BB CH / L39EAA01

Vehicle type: Vehicle type Truck mixer (TM)

Cab: Local transport cab NN

Drive Type: 8x4

Weights/loads		kg
TD026	Chassis weight with cab	10577
TD027	Chassis weight, front	6744
TD028	Chassis weight, rear	3833
TD029	Payload	30423
TD018	Statutorily permissible gross vehicle weight	41000
TD025	Technically permissible gross vehicle weight	41000
TD031	Statutorily permissible gross train weight	0
TD032	Statutorily permissible trailer load	0

Frame		mm
TD009	Frame width at front	945.0
TD010	Frame width at the rear	765.0
TD078	Frame profile	270 x 85 x 9,5

Circle dimensions		m
TD055	Track circle diameter	18.0
TD056	Wall-to-wall turning circle diameter	19.9

Lengths		mm
TD071	Total length	8813.0
TD063	Front vehicle overhang	1493.0
TD057	Wheelbase between front axles	1795
TD058	Wheelbase between leading axle and rear axle	0
TD059	Wheelbase between rear axles	1400
TD060	Wheelbase between rear axle and trailing axle	0
TD064	Rear frame overhang	1250.0
TD072	Distance from first front axle to body	604.0
TD067	Distance to kingpin from front axle, nominal position	-
TD074	Slew radius, front	-
TD075	Slew radius, rear	-
TD068	Coupling length	8346.0

Heights		mm
TD033	Maximum external height, unladen	3261.0
TD082	Total transport height, unladen	3261.0
TD034	Maximum external height, laden	3198.0
TD035	Frame height at theoretical rear wheelbase, unladen	1135.0
TD036	Frame height at theoretical rear wheelbase, laden	1055.0
TD045	Raising from driving position, front	-
TD046	Lowering from driving position, front	-
TD047	Raising from driving position, rear	-
TD048	Lowering from driving position, rear	-

TD051 Height of fifth-wheel coupling above ground, unladen -

TD052 Height of fifth-wheel coupling above ground, laden -

Widths		mm
TD008	Width included rearview mirror	2981.0
TD001	Width over cab	2240.0