



Vehicle description for: TGS 33.400 6x4 BB CH



Illustration can deviate

Vehicle standards

Product family	The new MAN Truck Generation
Model & Variant	TGS 33.400 6x4 BB CH
Emission class	EURO2
Engine family	D26
Engine output	294 kW
Vehicle type	Vehicle type, platform truck and chassis (LK)
Body type	087 Semitrailer tractor for deployment in agriculture, on-road transport up to field edge
Cab	Local transport cab NN
Main wheel distance	3900 mm
Overhang	2050 mm
Steering configuration	Left

Vertical Load

	National Registration	Technical Load	Technical Load Plus
Gross weight	33,000 kg	33,000 kg	33,000 kg
Front axle	8,000 kg	8,000 kg	8,000 kg
Rear axle	12,600 kg	12,600 kg	12,600 kg
Rear axle 2	12,600 kg	12,600 kg	12,600 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

☐	Chassis	0P2U9
☐	Chassis class, heavy	0P2UC
☐	Destination Togo (TG)	0PGB2
☐	Merchant tonnage 33 t	0P8LK
☐	Basic layout, standard vehicle	0PLSI
☐	Application area, beside road easy (T1)	0PLSE
☐	Frame type, medium-high	0P2TQ
☐	Vehicle type, platform truck and chassis (LK)	0P2UQ
☐	Left-hand-drive	0P3AS
☐	Right-hand traffic	0P3F5
☐	Vehicle documents in English	0P2L7
☐	Labelling in English	0P8NM
☐	Cab position 640 mm (distance from frame lower edge to cab floor)	0PHBE

Registration

☐	VO (EU) (towing equipment) not required	0PJW7
☐	Vehicle approval, N3 class	0P3JR
☐	Maximum speed limiter, 85 km/h, electronic, engine speed regulation	0P2UI
☐	VO (E.U.) 1003/2010 (mounting and fixing of number plate) not required	0PFWT
☐	Maximum vehicle noise level not defined	0P2YN
☐	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
☐	ADR acceptance and TÜV (German technical inspectorate) certificate	0P3CN
☐	Dangerous goods equipment, in accordance with ADR type EXIII (EXII,FL,AT)	0P0YT

Application scope / transport tasks

☐	Fluids/gases	0P6WD
☐	087 Semitrailer tractor for deployment in agriculture, on-road transport up to field edge	0P2R0
☐	Temperature range, vehicle deployment, warm country	0PHIB
☐	Case hardness of final drive Distribution	0P4F0

Lines, editions and packages

☐	Without Efficient Drive	0PVBQ
☐	Special request paintwork	0PJTD
☐	Without Individual Lion package	0PJT1

Horizontal and vertical loads

☐	33,000 kg permitted gross load, vertical, nat. appr.	0P5QP
☐	33,000 kg permitted gross load, vertical, tech.	0P5UA
☐	33,000 kg permitted gross load, vertical, tech. Plus	0P8HZ
☐	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
☐	12,600 kg permitted load on rear axle NatZu	0P5HB
☐	12,600 kg permitted load on rear axle, tech.	0P5IN
☐	12,600 kg permitted load on rear axle, tech. Plus	0P8BV
☐	12,600 kg permitted load on 2nd rear axle NatZu	0P5FL
☐	12,600 kg permitted load on 2nd rear axle, tech.	0P5M8
☐	12,600 kg permitted load on 2nd rear axle, tech. Plus	0P7TG
☐	0kN D value	0P8XD

Notification texts

☐	Note: Difference of more than 2% in FA/RA rolling circumference may lead to perceptible tension in the driveline.	0PHCX
☐	Without note (propshaft wear)	0PJRV

Chassis

Vehicle frame (wheelbase, overhang, ...)

☐	Main wheelbase, 3,900 mm	0P2ZK
☐	Wheelbase between rear axles, 1,400 mm	0P3BX
☐	Frame overhang, rear, 2,050 mm	0P3DJ
☐	Main frame side member thickness, 9.5 mm	0P0Y7
☐	Vehicle rear, straight end of frame	0P0XT

Exhaust system, air intake

☐	Exhaust silencer, side, left	0P1BG
☐	Exhaust tailpipe, towards rear	0P1BQ
☐	Air intake, behind cab, raised	0P0AY

Battery cases, batteries, alternator

☐	Without AC charging	0PNW4
☐	2 batteries, 12 V, 180 Ah, long-life (EFB), maintenance free	0PGB1
☐	Three-phase alternator 28 V, 120 A, 3,360 W, LIN	0P1BZ
☐	Medium battery box, 2 batteries	0P0WU
☐	Battery box, left	0P0WO
☐	Battery emergency stop switch	0P3JV
☐	Fuses	0P1V1

Tanks and fuel line

☐	Fuel tank capacity 300 l, right	0P4E8
☐	Fuel tank, right, steel	0P4GN
☐	Tank cross-section, right, low	0P4HF
☐	Fuel tank cap, lockable for master key system	0P4H5
☐	Fuel pre-filter position on the battery box	0PIW9

Frame attachments

☐	Without underride protection, front	0P1FM
☐	Without working platform	0P0VH
☐	Fire skirt, vehicle for transporting hazardous goods	0P0YB
☐	Without underride protection, side	0P1FG



☐	Spare wheel hoist on left side, in front of rear axle	0P0XO
☐	Hoist for spare wheel	0P0VN
☐	Final cross member, with hole pattern 160 x 100 mm	0P1SB
☐	Underride protection, rear, round	0P1FD
☐	Wheel chock, 1 unit, with retaining device	0P1FO
☐	Without body attachment brackets/thrust plates	0P0X6
☐	Without sensors on the side	0PMCP

Pneumatic brakes, compressed-air generation, brake system

☐	Air compressor, 1-cylinder, 360 ccm	0P0AF
☐	Compressed-air treatment, electronically controlled	0P0AA
☐	Steel compressed-air tank	0P0XH
☐	Electronic brake system (EBS)	0P0BL
☐	Anti-lock braking system (ABS)	0P0BE
☐	Full brake assistant	0P0CM
☐	Without preparation for EBS Full control unit	0PHPM
☐	MAN EVBec high-performance engine brake, stages possible	0P0BW
☐	Drum brakes on front axle	0P1IA
☐	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
☐	MAN EasyStart immobiliser	0P1TF

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

☐	Rear lights	0P2AQ
☐	Acoust. Reversing warning system when reverse gear selected	0P3CD
☐	Light function test	0P2AD
☐	No side marker lights	0P2BK

Driveline/running gear

Engine, radiator

☐	Diesel engine MAN D2676 LFBX (oDM), 294 kW (400 hp) output, 2,050 Nm torque, Euro 2	0PVBD
☐	Fuel filter, for fuels up to Cleanliness Class 25	0PHII
☐	Fuel pre-filter, with water trap, with water sensor	0P4XO
☐	2,050 Nm nominal engine torque	0PLXY
☐	Without torque reduction	0P0G5
☐	Ventilation, crankcase, open	0P8PN
☐	Engine skirt, in wheel arch, to prevent engine soiling	0P2E9
☐	Reduction of dust swirl through radiator fan	0P1YE
☐	Engine cooler, normal length	0P4XX
☐	Radiator protection, lower	0P1XE
☐	Front radiator protection, grille	0P1VP
☐	Engine digital oil level gauge	0P0B4
☐	Warning message for engine coolant level, with advance warning	0P0KA
☐	Antifreeze, down to -32 °C	0P0AK



Gearbox, clutch

☐	MAN TipMatic 12.28 OD	0P5VW
☐	Gearbox for increased percentage of overrun during driving operation	0PGCL
☐	MAN TipMatic actuation, with drop arm, manual (DNR option, switching strategy option)	0P3KI
☐	MAN Idle Speed Driving gearbox function	0P0ER
☐	MAN TipMatic Efficiency driving program, up to 70,000 kg	0P0FA
☐	MAN TipMatic Offroad gearbox shift strategy, up to 70,000 kg	0P0F4
☐	Single-disc clutch, 430 mm, dry, reinforced (LongLife)	0P0DW
☐	Main propshaft, 30,000 Nm functional limit torque	0PKZJ
☐	Propshafts with high-temperature grease, cannot be lubricated	0PKZN
☐	Driveline propshaft, reinforced	0P0E2
☐	Propshaft, 2nd rear axle, reinforced	0PGCF

Wheels, tyres

☐	Required tyre speed index G	0PFWA
☐	Front axle tyres Goodyear 13R22.5 OMNITRAC S Steering-Road+Offroad TL	0PGXZ
☐	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 for rear axle, Goodyear 13R22.5 OMNITRAC D Drive-Road+Offroad TL	0PGGE
☐	Rim type, rear axle, steel, single-part	0P0OO
☐	Rim size, rear axle, 10-hole, 9.00x22.5	0P0MU
☐	Tyres for 2nd rear axle, Goodyear 13R22.5 OMNITRAC D Drive-Road+Offroad TL	0PGGR
☐	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 front axle tyres	0P0MH

Axles

☐	6x4	0P3B9
☐	Steering ratio, indirect	0P1JY
☐	Steering oil tank with electrical measuring sensor	0P1JV
☐	Front axle, 9,200 kg, not driven, straight, steered, not liftable	0P5EX
☐	Mudguard, front axle	0P1AT
☐	Rear axle HPD-1382, 13,000 kg, planetary axle with drive-through, straight, not steered, not liftable	0PIY1
☐	Twin tyre on rear axle	0P1HN
☐	Mudguard, rear axle, upper shell removable	0P1AM
☐	Splash guard mat on mudguard, rear axle, longer at bottom	0P1XK
☐	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
☐	Mudguard, 2nd rear axle, removable upper shell	0P1B3
☐	Splash guard mat on mudguard, 2nd rear axle, longer at bottom	0P1Y0
☐	Axle ratio, $i = 4.00$	0P0D2
☐	Differential locks on driven rear axles	0P0DI
☐	Without differential locks, front axles	0P0DL

Axle control system and suspension

☐	Suspension type for front axles and driven rear axles, leaf/leaf (BB)	0P2YB
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☐	Leaf-spring suspension on front axle, parabolic, 2-leaf, steel	0P1JD
☐	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 9,000 kg	0P4YB
☐	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 rear axle	0P1LQ
☐	Shock absorbers on 2nd rear axle	0P1M9
☐	Stabiliser, front axle	0P1LD
☐	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 maximum technically permitted overall vehicle weight	0P2DO
☐	Door windows, tinted	0P1WO
☐	Door window, safety glass	0P1WM
☐	Cab rear wall, no window	0P1VD

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

☐	H7 package, front headlights, fog lights	0PKWS
☐	Front headlights, H7	0P1ZN
☐	Stone protection guard for front headlights, wide and fine mesh	0PICD
☐	Daytime driving lights, H7	0P2BN
☐	Fog lights, H7	0P2AH
☐	Turn signal lights, sides, bulb	0P1Z6
☐	Headlight beam regulator, manual	0P2AC
☐	Driving-light control, manual	0P1ZF
☐	Contour lights, LED, 2 units	0P2BS
☐	Horn, two-tone, electrical	0P1W1



☐	Revolving beacons, LED, yellow (individual LEDs light up in cascades, revolving)	0P2BD
☐	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

☐	Mirror package, exterior rear-view mirror, manually adjustable, front mirror, kerb mirror, right	0PKWY
☐	Exterior rear-view mirror, mechanically adjustable	0P2CC
☐	Kerb mirror, right, mechanically adjustable	0P2CH
☐	Front mirror, mechanical adjustment	0P2CJ
☐	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
☐	Plus driver's seat package, air-sprung, belt height adjustment	0PKXG
☐	Comfort driver's seat, air-sprung	0P2P2
☐	Adjustment of seat belt height, driver's seat	0P4XQ
☐	Basic co-driver's seat package, unsprung, with storage box	0PKTZ
☐	Co-driver's seat, not sprung, with storage box	0P2OO
☐	Storage space, in seat bracket of co-driver's seat	0P2Q6

Driver's workplace

☐	Multi-function steering wheel, adjustable height and angle	0P2GD
☐	Steering wheel, with parking position	0P2GE
☐	Steering lock	0P3JZ
☐	Professional instrumentation, 12.3"	0P3L2
☐	Analogue tachograph, for vehicles for transporting hazardous goods (ADR), CONTINENTAL	0P2KT
☐	Tachograph, calibrated	0P2KG
☐	Stowage compartment, open with two USB sockets, 5 V, charging only, to the right of climate control panel	0PGT7
☐	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
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Bunk area

☐	Without bunk area	0PKFY
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Cab interior

☐	Dark Moon Grey with silver colour scheme for cab interior	0PKFZ
☐	Interior styling analogous to colour scheme	0PGBT
☐	Basic driver's workplace package	0PKPN
☐	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 additional storage and stowage space	0PKWA
☐	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

☐	Vehicle tool kit without accessories	0PKXB
☐	Vehicle toolkit	0P2TX
☐	No warning triangle	0P3FH
☐	Jack, 12,000 kg	0P3F8

Intelligent Truck

Assistance systems

☐	Anti-slip control (ASR)	0P1T2
☐	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
☐	Without rear area monitoring	0PMA9

Infotainment (radio,...)

☐	MMT infotainment system, Starter Basic	0P2M1
☐	MAN loudspeaker system	0P2MF
☐	No navigation map	0P2N2
☐	French additionally for display	0P2JT

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, ROCKINGER SK5	0P1MZ
☐	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 body power supply, rear front panel	0P1DD
☐	Interface for data exchange with tipper and engine speed. (ZDR), front area FHS and behind FHS	0PKNU
☐	Interface for extended signal output (EIO)	0PJBE

PTOs

☐	Without PTO, engine-dependent (direction of rotation)	0P4P8
☐	PTO, gearbox-dependent, type NH/4c, without flange, f=1.14, position approx. 2:30 o'clock	0P4QY
☐	PTO, gearbox-dependent, for short-time operation less than 60 min	0P4VK
☐	PTO, gearbox-dependent, shiftable	0P4X9
☐	Without fan wheel for PTO, gearbox-dependent	0P4VR
☐	Without flange coupling for PTO, gearbox-dependent, elastic	0PMCB
☐	Function parameters for PTO; gearbox-dependent, driving operation	0P4WP
☐	Without flange coupling for auxiliary output, dependent on PTO, elastic	0PMCD
☐	Sector-specific parameterisation, general	0P4X0
☐	Without electromechanical NA installation position	0PNXB

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

☐	Top coating, step units	0P6X7
☐	Top coating, mudguard, behind cab	0P6YF
☐	Top coating, bumper, steel	0P6YO

Paintwork, chassis

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

Other

☐	Without MY 26 Budget TGS NN	YW543
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Colour

☐	Top coating, bumper, steel	PURE WHITE RAL 9010	N
☐	Top coating, mudguard, behind cab	PURE WHITE RAL 9010	N
☐	Top coating, step units	PURE WHITE RAL 9010	N
☐	Top coating, cab	PURE WHITE RAL 9010	N



Technical data: TGS 33.400 6x4 BB CH / L26EAA04

Vehicle type: Vehicle type, platform truck and chassis (LK)

Cab: Local transport cab NN

Drive Type: 6x4

Weights/loads		kg
TD026	Chassis weight with cab	9488
TD027	Chassis weight, front	4829
TD028	Chassis weight, rear	4659
TD029	Payload	23512
TD018	Statutorily permissible gross vehicle weight	33000
TD025	Technically permissible gross vehicle weight	33000
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	19.7

Lengths		mm
TD071	Total length	9325.0
TD063	Front vehicle overhang	1605.0
TD057	Wheelbase between front axles	0
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	2050.0
TD072	Distance from first front axle to body	465.0
TD067	Distance to kingpin from front axle, nominal position	-
TD074	Slew radius, front	-
TD075	Slew radius, rear	-
TD068	Coupling length	8749.0

Heights		mm
TD033	Maximum external height, unladen	3324.0
TD082	Total transport height, unladen	3324.0
TD034	Maximum external height, laden	3240.0
TD035	Frame height at theoretical rear wheelbase, unladen	-
TD036	Frame height at theoretical rear wheelbase, laden	-
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	-
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TD052	Height of fifth-wheel coupling above ground, laden	-
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Widths		mm
TD008	Width included rearview mirror	2981.0
TD001	Width over cab	2240.0

The technical data must be considered as an approximation. Some of the values are given in a simplified form. More detailed notes and descriptions can be found in the respective information in the overview. Contents and specifications have been compiled with the greatest possible care. Nevertheless, we do not assume responsibility for the data and values supplied being correct and up to date. Subject to errors and changes. MAN Truck & Bus AG is liable only in cases of intent, gross negligence or culpable breach of significant contractual obligations.