



Vehicle description for: TGM 18.250 4x2 BB CH



Illustration can deviate

Vehicle standards	
Product family	The new MAN Truck Generation
Model & Variant	TGM 18.250 4x2 BB CH
Emission class	EURO5
Engine family	D08R6
Engine output	184 kW
Vehicle type	Vehicle type, platform truck and chassis (LK)
Body type	060 Box body, universal
Cab	Compact CC cab
Main wheel distance	4425 mm
Overhang	2325 mm
Steering configuration	Left

Vertical Load			
	National Registration	Technical Load	Technical Load Plus
Gross weight	18,000 kg	18,600 kg	18,600 kg
Front axle	7,100 kg	7,100 kg	7,100 kg
Rear axle	11,500 kg	11,500 kg	11,500 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

☐	Application area, beside road easy (T1)	0PLSE
☐	Vehicle version for public service deployment	0P0H7
☐	Chassis	0P2U9
☐	Chassis class, light/medium	0P2UB
☐	Destination: Ghana (GH)	0P3GJ
☐	Merchant tonnage 18 t	0P8LF
☐	Basic layout, weight-optimised vehicle	0PLSK
☐	Frame type, normal height	0P2TS
☐	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 530 mm (distance from frame lower edge to cab floor)	0PHBD

Registration

☐	Vehicle approval, N3 class	0P3JR
☐	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

☐	Distribution transport, general cargo	0P6WA
☐	060 Box body, universal	0P2QS
☐	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

☐	18,000 kg permitted gross load, vertical, nat. appr.	0P5PB
☐	18,600 kg permitted gross load, vertical, tech.	0P5S7
☐	18,600 kg permitted gross load, vertical, tech. Plus	0P8GT
☐	7,100 kg permitted load on front axle, nat. appr.	0P5KQ
☐	7,100 kg permitted load on front axle, tech.	0P5LK
☐	7,100 kg permitted load on front axle, tech. Plus	0P8DY
☐	11,500 kg permitted load on rear axle NatZu	0P5G7
☐	11,500 kg permitted load on rear axle, tech.	0P5IJ



☐	11,500 kg permitted load on rear axle, tech. Plus	0P8BN
☐	0kN D value	0P8XD

Notification texts

☐	Without note (propshaft wear)	0PJRV
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Chassis

Vehicle frame (wheelbase, overhang, ...)

☐	Main wheelbase, 4,425 mm	0P2ZV
☐	Frame overhang, rear, 2,325 mm	0P3DT
☐	Main frame side member thickness, 7 mm	0P0Y5
☐	Vehicle rear, straight end of frame	0P0XT

Exhaust system, air intake

☐	Exhaust silencer, side, right	0P1BH
☐	Exhaust tailpipe, towards middle of frame	0P1BT
☐	Air intake, behind cab, raised	0P0AY

Battery cases, batteries, alternator

☐	2 batteries, 12 V, 150 Ah, standard (SLI), maintenance free	0PHLB
☐	Three-phase alternator 28 V, 120 A, 3,360 W, Longlife Eco	0P1BW
☐	Small battery box, 2 batteries	0P0WS
☐	Battery box, left	0P0WO
☐	Main battery switch, mechanical	0P0WF
☐	Fuses	0P1V1

Tanks and fuel line

☐	Fuel tank capacity 220 l, right	0P4E2
☐	Fuel tank, right, steel	0P4GN
☐	Tank cross-section, right, low	0P4HF
☐	AdBlue tank capacity 35 l, right	0P4CZ
☐	AdBlue tank, right, plastic	0P4HU
☐	Fuel tank cap, lockable for master key system	0P4H5
☐	Cap for AdBlue tank, lockable	0P4GE
☐	Fuel pre-filter on the frame	0PKN2

Frame attachments

☐	Underride protection, front	0P1FN
☐	Without working platform	0P0VH
☐	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

Pneumatic brakes, compressed-air generation, brake system



☐	Air compressor, 1-cylinder, 238 ccm	0P0AD
☐	Air dryer, heated	0P0B2
☐	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 EVB high-performance engine brake	0P0BV
☐	Disc brakes on front axle	0P1I9
☐	Disc brakes on rear axle	0P1I4
☐	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
☐	Brake lining thickness display, with brake lining wear warning	0P0BG
☐	Harmonisation of brake lining wear	0P0BI

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 D0836 LFL89, 184 kW (250 hp) output, 1,050 Nm torque, Euro 5	0P5ZX
☐	Fuel filter, heated, for fuels up to Cleanliness Class 25	0PHIG
☐	Fuel pre-filter, with oil separator/water trap, with water sensor, heated	0P4XP
☐	Without torque reduction	0P0G5
☐	Ventilation, crankcase, closed	0P8PM
☐	Anti-noise skirt, engine	0P2E7
☐	Engine cooler, normal length	0P4XX
☐	Engine oil dipstick	0P0B5
☐	Antifreeze, down to -32 °C	0P0AK

Gearbox, clutch

☐	MAN PowerMatic 08.13 OD	0PHMK
☐	Gearbox for normal percentage of overrun during driving operation	0PGDA
☐	Gearbox, 8-speed	0PHML
☐	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
☐	Without drive clutch	0PIXX
☐	Main propshaft, 14,000 Nm functional limit torque	0PKZG
☐	Propshafts with standard grease, cannot be lubricated	0PKZL
☐	Gearbox heat exchanger	0P0FW



Wheels, tyres

☐	Required tyre speed index G	0PFWA
☐	Front axle tyres optionally 295/80R22.5 Steering-Road+Offroad TL (152/148 K)	0PEVA
☐	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
☐	Rear axle tyres optionally 295/80R22.5 Drive-Road+Offroad TL (152/148 K)	0PDPD
☐	Rim type, rear axle, steel, single-part	0P0OO
☐	Rim size, rear axle, 10-hole, 8.25x22.5	0P0MQ
☐	Spare wheel, in accordance with configuration for front axle tyres	0P0MH
☐	Centring sleeves for rim mounting	0PHZW

Axles

☐	4x2	0P3B1
☐	Steering ratio, standard	0P1JX
☐	Steering oil tank with dipstick	0P1JW
☐	Front axle, 7,500 kg, not driven, cranked, steered, not liftable	0P5EQ
☐	Mudguard, front axle	0P1AT
☐	Splash guard mat on mudguard, front axle, longer at bottom	0P1XS
☐	Rear axle, 11,500 kg, HY axle without drive shaft, straight, not steered, not liftable	0P4ZL
☐	Twin tyre on rear axle	0P1HN
☐	Transfer mudguard, rear axle	0P1AQ
☐	Axle ratio, $i = 4.63$	0P0D9
☐	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
☐	Leaf-spring suspension on front axle, parabolic, 1-leaf, steel	0P1JC
☐	Leaf-spring suspension on rear axle, parabolic, 4-leaf, steel	0PGBF
☐	Spring load-bearing capacity front axle 7,100 kg	0P5CY
☐	Spring load-bearing capacity of rear axle, 11,500 kg	0P5BT
☐	Shock absorbers on front axle	0P1M4
☐	Shock absorbers on rear axle	0P1LQ
☐	Stabiliser, front axle	0P1LD
☐	Stabiliser, rear axle	0P1LA
☐	Axle location system not as wishbone	0P6ZY
☐	Without air suspension control, trailer/semitrailer	0PHN2

Cab

Cab and cab exterior

☐	Compact CC cab	0P2DK
☐	Cab mount, Basic	0P1V8
☐	Cab tilt mechanism, manual	0P1V6
☐	No tilting roof/sliding roof	0P1VY
☐	Bumper, plastic	0P1SD



☐	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, rigid	0P1UZ
☐	Central locking, no remote control	0P1WS
☐	Vehicle key, 2 units	0P3JT
☐	No door extension	0P1WW
☐	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, ...)

☐	H7 package Basic, front headlights	0PKWT
☐	Front headlights, H7	0P1ZN
☐	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
☐	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	0PKXF
☐	Comfort driver's seat, air-sprung	0P2P2
☐	Basic co-driver's seat package, unsprung, fore-and-aft and backrest adjustment	0PKTY
☐	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
☐	Professional instrumentation, 12.3"	0P3L2
☐	Tachograph Simulation Unit (TSU), instead of tachograph	0P2KY
☐	Tachograph, calibrated	0P2KG
☐	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
☐	Stowage compartment, 2 units, cab rear wall, driver's side and centre	0P2EZ
☐	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, 10,000 kg	0P3F7

Intelligent Truck

Assistance systems

☐	Anti-slip control (ASR)	0P1T2
☐	Tempomat (cruise control, CC)	0P1TR
☐	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
☐	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, 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 exchange with tipper (customer-specific control module) and intermediate engine speed (ZDR), front area of cab and behind cab	0PKNU
☐	Interface for extended signal output (EIO)	0PJBE

PTOs

☐	Without fan wheel for PTO, gearbox-dependent	0P4VR
☐	Preparation, electr., for subsequent installation of a shiftable PTO, gearbox-dependent	0P4OI
☐	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, plastic	0P6YP

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: TGM 18.250 4x2 BB CH / L08DAA04

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

Cab: Compact CC cab

Drive Type: 4x2

Lengths		mm
TD071	Total length	8445.0
TD063	Front vehicle overhang	1530.0
TD057	Wheelbase between front axles	0
TD058	Wheelbase between leading axle and rear axle	0
TD059	Wheelbase between rear axles	0
TD060	Wheelbase between rear axle and trailing axle	0
TD064	Rear frame overhang	2325.0
TD072	Distance from first front axle to body	441.0
TD067	Distance to kingpin from front axle, nominal position	-
TD074	Slew radius, front	-
TD075	Slew radius, rear	-
TD068	Coupling length	8127.0

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TD071	Total length	8445.0
TD063	Front vehicle overhang	1530.0
TD057	Wheelbase between front axles	0
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TD060	Wheelbase between rear axle and trailing axle	0
TD064	Rear frame overhang	2325.0
TD072	Distance from first front axle to body	441.0
TD067	Distance to kingpin from front axle, nominal position	-
TD074	Slew radius, front	-
TD075	Slew radius, rear	-
TD068	Coupling length	8127.0

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

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

Frame		mm
TD009	Frame width at front	964.0
TD010	Frame width at the rear	864.0
TD078	Frame profile	270 x 70 x 7

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TD009	Frame width at front	964.0
TD010	Frame width at the rear	864.0
TD078	Frame profile	270 x 70 x 7

Heights		mm
TD033	Maximum external height, unladen	2949.0
TD082	Total transport height, unladen	2949.0
TD034	Maximum external height, laden	2873.0
TD035	Frame height at theoretical rear wheelbase, unladen	1077.0
TD036	Frame height at theoretical rear wheelbase, laden	944.0
TD045	Raising from driving position, front	0.0
TD046	Lowering from driving position, front	0.0
TD047	Raising from driving position, rear	0.0
TD048	Lowering from driving position, rear	0.0
TD051	Height of fifth-wheel coupling above ground, unladen	-
TD052	Height of fifth-wheel coupling above ground, laden	-

Heights		mm
TD033	Maximum external height, unladen	2949.0
TD082	Total transport height, unladen	2949.0
TD034	Maximum external height, laden	2873.0
TD035	Frame height at theoretical rear wheelbase, unladen	1077.0
TD036	Frame height at theoretical rear wheelbase, laden	944.0
TD045	Raising from driving position, front	0.0
TD046	Lowering from driving position, front	0.0
TD047	Raising from driving position, rear	0.0
TD048	Lowering from driving position, rear	0.0
TD051	Height of fifth-wheel coupling above ground, unladen	-
TD052	Height of fifth-wheel coupling above ground, laden	-

Circle dimensions		m
TD055	Track circle diameter	15.5
TD056	Wall-to-wall turning circle diameter	17.0

Circle dimensions		m
TD055	Track circle diameter	15.5
TD056	Wall-to-wall turning circle diameter	17.0

Weights/loads		kg
TD026	Chassis weight with cab	5546
TD027	Chassis weight, front	3628
TD028	Chassis weight, rear	1918
TD029	Payload	12454
TD018	Statutorily permissible gross vehicle weight	18000
TD025	Technically permissible gross vehicle weight	18600
TD031	Statutorily permissible gross train weight	0
TD032	Statutorily permissible trailer load	0

Weights/loads		kg
TD026	Chassis weight with cab	5546
TD027	Chassis weight, front	3628
TD028	Chassis weight, rear	1918

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.



TD029	Payload	12454
TD018	Statutorily permissible gross vehicle weight	18000
TD025	Technically permissible gross vehicle weight	18600
TD031	Statutorily permissible gross train weight	0
TD032	Statutorily permissible trailer load	0

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