



Vehicle description for: TGM 18.250 4x4 BB CH



Vehicle standards

Product family	The new MAN Truck Generation
Model & Variant	TGM 18.250 4x4 BB CH
Emission class	EURO5
Engine family	D08R6
Engine output	184 kW
Battery gross capacity	0 kWh
Batteries number	0
Vehicle type	Vehicle type, platform truck and chassis (LK)
Cab	Compact CC cab
Main wheel distance	4500 mm
Overhang	2325 mm
Steering configuration	Left

Vertical Load

	National Registration	Technical Load
Gross weight	17,500 kg	17,500 kg
Front axle	7,500 kg	7,500 kg
Rear axle	10,000 kg	10,000 kg

Horizontal Load

	National Registration	Technical Load
Gross train weight	28,000 kg	28,000 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, light/medium	0P2UB
☐	Destination: Ghana (GH)	0P3GJ
☐	Merchant tonnage 18 t	0P8LF
☐	Basic layout of vehicle, all-round	0PGCU
☐	Frame type, high	0P2TP
☐	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 480 mm (distance from frame lower edge to cab floor)	0PHBC

Registration

☐	Vehicle approval, N3G class	0P3JS
☐	Maximum speed limiter, 85 km/h, electronic, engine speed regulation	0P2UI
☐	Maximum vehicle noise level, 82 dB in acc. with UN/ECE-R 51.02	0PIND
☐	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
☐	Special confirmation, heavy load / municipal operation	0P3CK

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

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

Horizontal and vertical loads

☐	17,500 kg permitted gross load, vertical, nat. appr.	0P5O8
☐	17,500 kg permitted gross load, vertical, tech.	0P5S1
☐	17,500 kg permitted gross load, vertical, tech. Plus	0P8GN
☐	7,500 kg permitted load on front axle, nat. appr.	0P5KR
☐	7,500 kg permitted load on front axle, tech.	0P5LL
☐	7,500 kg permitted load on front axle, tech. Plus	0P8D1
☐	10,000 kg permitted load on rear axle NatZu	0P5GW
☐	10,000 kg permitted load on rear axle, tech.	0P5H8
☐	10,000 kg permitted load on rear axle, tech. Plus	0P8A9



☐	28,000 kg permitted gross train weight, national registration	0PBG2
☐	28,000 kg permissible gross train weight TechH.	0PBUN
☐	36,000 kg permitted gross train weight, Tech. Plus	0PBO5
☐	0kN D value	0P8XD

Notification texts

☐	Note: Restricted steerability with engaged differential lock on front axle	0PFZN
☐	Note: With increased permissible gross weight, increase in wear of driveline and reduced service life	0PFZP
☐	Note: Max. 24,000 kg tech. permitted gross weight with engaged off-road reduction ratio in transfer case	0PFZR
☐	Without note (propshaft wear)	0PJRV

Chassis

Vehicle frame (wheelbase, overhang, ...)

☐	Main wheelbase, 4,500 mm	0P2ZW
☐	Frame overhang, rear, 2,325 mm	0P3DT
☐	Main frame side member thickness, 8 mm	0P0Y6
☐	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
☐	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

☐	Fuel tank capacity 300 l, right	0P4E8
☐	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

☐	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
☐	Without underride protection, rear	0P1FB
☐	Wheel chock, 1 unit, with retaining device	0P1FO
☐	Body attachment bracket	0P0X5

Pneumatic brakes, compressed-air generation, brake system

☐	Air compressor, 1-cylinder, 238 ccm	0P0AD
☐	Compressed-air treatment, pneumatically controlled	0P0AB
☐	Steel compressed-air tank	0P0XH
☐	Electronic brake system (EBS)	0P0BL
☐	Anti-lock braking system (ABS)	0P0BE
☐	Without preparation for EBS Full control unit	0PHPM
☐	MAN EVB high-performance engine brake	0P0BV
☐	Drum brakes on front axle	0P1IA
☐	Drum brakes on rear axle	0P1I5
☐	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
☐	Side marker lights, LED	0P2BJ

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, heated	0P0AU
☐	Without torque reduction	0P0G5
☐	Engine dry-air filter, with safety insert	0P0B8
☐	Ventilation, crankcase, closed	0P8PM
☐	Anti-noise skirt, engine	0P2E7
☐	Fan control for start of cooling with low coolant temperature (e.g. hot country)	0P0K5
☐	Engine cooler, normal length	0P4XX
☐	Radiator protection, lower	0P1XE
☐	Engine oil dipstick	0P0B5
☐	Antifreeze, down to -32 °C	0P0AK
☐	Service product level indicator and intake system vacuum	0P3KT

Gearbox, clutch

☐	MAN TipMatic 12.12 OD	0P5VP
☐	Gearbox for normal percentage of overrun during driving operation	0PGDA
☐	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
☐	MAN TipMatic Manoeuvre driving program, manoeuvring feature	0P0FI
☐	Transfer case MAN G102 with on-road and off-road gear	0P4XH
☐	Transfer case lock management, electronic (VSM)	0P0FU
☐	Single-disc clutch, 395 mm, dry	0P0DS
☐	Main propshaft, 14,000 Nm functional limit torque	0PKZG
☐	Propshafts with standard grease, cannot be lubricated	0PKZL

Wheels, tyres

☐	Required tyre speed index J	0PFW2
☐	Tyres front axle Continental 14.00R20 HCS off-road TL	0PFB8



☐	Rim type, front axle, steel, split	0P0OZ
☐	Rim size, front axle, 10-hole, 10.00W-20	0P0NA
☐	Wheel nut cover ring, front axle	0P0PR
☐	Rear axle tyres Continental 14.00R20 HCS Off-road TL	0PDVG



☐	Rim type, rear axle, steel, split	0P0ON
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☐	Rim size, rear axle, 10-hole, 10.00W-20	0P0MM
☐	Wheel nut cover ring, rear axle	0P0PJ
☐	Spare wheel, in accordance with configuration for front axle tyres	0P0MH
☐	Centring sleeves for rim mounting	0PHZW

Axles

☐	4x4	0P3B2
☐	Steering ratio, indirect	0P1JY
☐	Steering oil tank with dipstick	0P1JW
☐	Front axle, 9,000 kg, planetary axle without drive shaft, straight, steered, not liftable	0P5ES
☐	Front axle as planetary axle, driven, engageable	0P1GY
☐	Mudguard, front axle	0P1AT
☐	Rear axle HP-1333, 13,000 kg, planetary axle without drive-through, straight, not steered, not liftable	0PIY4
☐	Single tyre on rear axle	0P1HM
☐	Transfer mudguard, rear axle	0P1AQ
☐	Axle ratio, $i = 6.00$	0P0DF
☐	Differential locks on driven rear axles	0P0DI
☐	Differential locks on driven front axles	0P0DK
☐	Warning buzzer when front axle locks are engaged	0P0DQ
☐	Mudguard enlargement	0P1W5

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, 2-leaf, steel	0P1JD
☐	Leaf-spring suspension on rear axle, parabolic, 4-leaf, steel	0PGBF
☐	Spring load-bearing capacity front axle 7,800 kg	0P5C1
☐	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 trailer air suspension control	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, 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	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, ...)

☐	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
☐	Fog lights, H7	0P2AH
☐	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
☐	Revolving beacons, LED, yellow (individual LEDs light up in cascades, revolving)	0P2BD
☐	2 revolving beacons on cab roof, 1 right and 1 left	0P2B3
☐	Preparation for loading area lighting	0P2A5
☐	Without revolving beacons at the rear of the vehicle	0PJRO

Mirrors and mirror replacements

☐	Without mirror package	0PKWV
☐	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
☐	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
☐	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
☐	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 (both sides)	0PKMZ
☐	Interior light, central	0PHA6
☐	Reading light, 2 units, 1 on driver's side and 1 on co-driver's side	0P2IR
☐	Entry lighting	0P2IO
☐	Entry handles, standard	0PHPK
☐	Door interior cladding, washable	0P2IA
☐	Without stowage and storage space package	0PKXS
☐	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
☐	No warning triangle	0P3FH
☐	Jack, 10,000 kg	0P3F7

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



- ☐ 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 |
| ☐ 2-line trailer brake connection, end of frame, centre, standard coupling | 0P1NZ |
| ☐ Tanker socket, frame end, 24 V, 15-pin | 0P1OY |
| ☐ Trailer socket for anti-lock brake system (ABS), end of frame | 0P1O4 |

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 |
|---|-------|

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 |
|---|-------|

Paintworks

Paintwork, cab, top

- | | |
|---|-------|
| ☐ Top coating, cab | 0P6YB |
|---|-------|

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 |
|---|---------------------|---|



Technical data: TGM 18.250 4x4 BB CH / L38DAA04

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

Cab: Compact CC cab

Drive Type: 4x4

Lengths		mm
TD071	Total length	8423.0
TD063	Front vehicle overhang	1582.0
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	391.0
TD067	Distance to kingpin from front axle, nominal position	-
TD074	Slew radius, front	-
TD075	Slew radius, rear	-
TD068	Coupling length	8202.0

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

Frame		mm
TD009	Frame width at front	966.0
TD010	Frame width at the rear	866.0
TD078	Frame profile	220 x 70 x 8

Heights		mm
TD033	Maximum external height, unladen	3272.0
TD082	Total transport height, unladen	3272.0
TD034	Maximum external height, laden	3177.0
TD035	Frame height at theoretical rear wheelbase, unladen	1325.0
TD036	Frame height at theoretical rear wheelbase, laden	1198.0
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	Error: 204
TD056	Wall-to-wall turning circle diameter	18.4

Weights/loads		kg
TD026	Chassis weight with cab	6480
TD027	Chassis weight, front	4362
TD028	Chassis weight, rear	2118

TD029	Payload	11020
TD018	Statutorily permissible gross vehicle weight	17500
TD025	Technically permissible gross vehicle weight	17500
TD031	Statutorily permissible gross train weight	28000
TD032	Statutorily permissible trailer load	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.