



Vehicle description for: TGM 18.250 4x4 BB CH



Illustration can deviate

Vehicle standards		
	Product family	The new MAN Truck Generation
	Model & Variant	TGM 18.250 4x4 BB CH
	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

☐	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
☐	Maximum vehicle width of 2,500 mm checked with respect to relevant chassis components	0PIOJ
☐	Maximum vehicle width of 2,500 mm checked with respect to relevant axles, rims, tyres, wheel trim	0PIOL
☐	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

☐	Vehicle version municipal/public service deployment	0P0H7
☐	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
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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

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

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 LFL95, 184 kW (250 hp) output, 1,050 Nm torque, Euro 4	0P5ZG
☐	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

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
☐	Rim size, rear axle, 10-hole, 10.00W-20	0P0MM

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☐	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, 13,000 kg, planetary axle without drive shaft, straight, not steered, not liftable	0P4ZN
☐	Single tyre on rear axle	0P1HM
☐	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

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	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, ...)

☐	Front headlights, H7	0P1ZN
☐	Stone protection guard for front headlights, wide and fine mesh	0PICD
☐	Daytime driving lights, H7	0P2BN
☐	Fog lights, H7	0P2AH
☐	Headlight beam regulator, manual	0P2AC
☐	Driving-light control, manual	0P1ZF
☐	Contour lights, bulb, 2 units	0P2BT
☐	Turn signal lights, sides, bulb	0P1Z6
☐	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

☐	Exterior rear-view mirror, mechanically adjustable	0P2CC
☐	Mirror housing, not painted	0P2CP
☐	Vehicle components, suitable for body width larger than 2,400 mm to 2,600 mm	0P2CT
☐	Kerb mirror, right, mechanically adjustable	0P2CH
☐	Front mirror, mechanical adjustment	0P2CJ

Seats

☐	Seat covers, fabric, standard	0P2PQ
☐	Comfort driver's seat, air-sprung	0P2P2
☐	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

Cab air-conditioning system

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

Bunk area



- | | |
|--|-------|
| ☐ Without bunk area package | 0PKNE |
|--|-------|

Cab interior

- | | |
|--|-------|
| ☐ Without interior lighting package | 0PKNF |
| ☐ Colour scheme for interior styling, dark | 0P2I6 |
| ☐ Interior styling analogous to colour scheme | 0PGBT |
| ☐ Windscreen roller blind, internal | 0P2FE |
| ☐ Interior light, central | 0PHA6 |
| ☐ Entry lighting | 0P2IO |
| ☐ Door interior cladding, washable | 0P2IA |
| ☐ Entry handles, standard | 0PHPK |

Accessories and tools

- | | |
|--|-------|
| ☐ Jack, 10,000 kg | 0P3F7 |
| ☐ Vehicle toolkit | 0P2TX |
| ☐ No warning triangle | 0P3FH |

Intelligent Truck

Assistance systems

- | | |
|--|-------|
| ☐ Tempomat (cruise control, CC) | 0P1TR |
| ☐ Road speed limiter, adjustable, limiter (engine speed regulation) | 0P0C3 |
| ☐ Without advanced emergency braking system | 0P1U5 |

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 |

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
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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

☐	Top coating, chassis	0P6YC
☐	Top coating, rims, steel, white-aluminium	0P6YL

Colour

☐	Top coating, cab	PURE WHITE RAL 9010	N
☐	Top coating, chassis	GRAPHITE BLACK RAL 9011	W



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	8607.0
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	3146.0
TD082	Total transport height, unladen	3146.0
TD034	Maximum external height, laden	3066.0
TD035	Frame height at theoretical rear wheelbase, unladen	1258.0
TD036	Frame height at theoretical rear wheelbase, laden	1131.0
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	16.5
TD056	Wall-to-wall turning circle diameter	18.2

Weights/loads		kg
TD026	Chassis weight with cab	6483.0
TD027	Chassis weight, front	3652
TD028	Chassis weight, rear	1877
TD029	Payload	12471

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.