



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
	Vehicle type	Vehicle type, platform truck and chassis (LK)
	Cab	Compact CC cab
	Main wheel distance	4425 mm
	Overhang	2325 mm
	Steering configuration	Left

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

Horizontal Load		
	National Registration	Technical Load
Gross train weight	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, light/medium	0P2UB
☐	Destination: Ghana (GH)	0P3GJ
☐	Merchant tonnage 18 t	0P8LF
☐	Basic layout of vehicle, all-round	0PGCU
☐	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, 85 km/h, electronic, engine speed regulation	0P2UI
☐	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
☐	Maximum vehicle width of 2,500 mm checked with respect to relevant cab components	0PIOH
☐	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
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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
☐	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, 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 150 l, right	0P4DZ
☐	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
☐	Compressed-air treatment, pneumatically controlled	0P0AB
☐	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
☐	Engine brake, exhaust flap	0P0BU
☐	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
☐	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 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
☐	Engine cooler, normal length	0P4XX
☐	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
☐	Single-disc clutch, 395 mm, dry	0P0DS

Wheels, tyres

☐	Required tyre speed index G	0PFWA
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Front axle tyres Michelin 295/80R22.5 WORKS Z Steering-Road+Offroad TL

0PEVZ



Product Information Sheet

Delegated Regulation (EU) 2020/740

Supplier name or trademark	MICHELIN
Commercial name or trade designation	X WORKS Z VM
Model identifier	363450
Tyre size designation	295/80R22.5
Load-capacity index	152
Load-capacity index (Load index for Dual mounting)	149
Speed category symbol	K
Fuel efficiency class	D
Wet grip class	B
External rolling noise class	A
External rolling noise value	68
Severe snow tyre	No
Date of start of production	39/12
Date of end of production	
Additional information	295/80R22.5 X WORKS Z TL 152/149K VM MI
Load-capacity index (Single Load index for additional service description)	154
Load-capacity index (Dual Load index for additional service description)	150
Speed category symbol (for Additional Service Description)	J

- Rim type, front axle, steel, single-part
- Rim size, front axle, 10-hole, 9.00x22.5
- Wheel nut cover ring, front axle
- Rear axle tyres optionally 295/80R22.5 Drive-Road+Offroad TL (152/148 K)
- Rim type, rear axle, steel, single-part
- Rim size, rear axle, 10-hole, 8.25x22.5
- Spare wheel, in accordance with configuration for front axle tyres
- Centring sleeves for rim mounting

0P0P0
0P0NI
0P0PR
0PDPD
0P0OO
0P0MQ
0P0MH
0PHZW

Axes

- 4x2
- Steering ratio, standard
- Steering oil tank with dipstick
- Front axle, 7,500 kg, not driven, cranked, steered, not liftable
- Mudguard, front axle

0P3B1
0P1JX
0P1JW
0P5EQ
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
☐	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 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, 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	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
☐	Daytime driving lights, H7	0P2BN
☐	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
☐	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
☐	Without mirror package	0PKWV

Seats

☐	Seat covers, fabric, standard	0P2PQ
☐	Comfort driver's seat, air-sprung	0P2P2
☐	Co-driver's seat, not sprung, length and backrest adjustment	0P2OQ
☐	Indicator, seat belt, 1st row of seats, acoustic and visual	0P8L1
☐	Without driver's seat package	0PKXV
☐	Without co-driver's seat package	0PKXU

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
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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
☐	Windscreen roller blind, internal	0P2FE
☐	Interior light, central	0PHA6
☐	Reading light, 1 unit, driver's side	0P2IQ
☐	Entry lighting	0P2IO
☐	Door interior cladding, washable	0P2IA
☐	Grab handle, above door, internal, 2 units, 1 right and 1 left	0P2G2



☐	Entry handles, standard	0PHPK
☐	Without driver's workplace package, Comfort	0PKXT
☐	Interior light, reading light (driver's side)	0PKMY
☐	Without stowage and storage space package	0PKXS

Accessories and tools

☐	Jack, 10,000 kg	0P3F7
☐	Without accessories and tools package	0PKXA
☐	Vehicle toolkit	0P2TX
☐	No warning triangle	0P3FH

Intelligent Truck

Assistance systems

☐	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

Infotainment (radio,...)

☐	MMT infotainment system, Starter Basic	0P2M1
☐	MAN loudspeaker system	0P2MF
☐	No navigation map	0P2N2

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
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PTOs

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



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| ☐ | Sector-specific parameterisation for refuse collector vehicles, side loaders (working speed control) | 0P4X8 |
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Towing, recovery and lashing

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

Paintwork, cab, top

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| ☐ | 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

- | | | |
|--------------------------|---|-------|
| ☐ | 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 | N |



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	8447.0
TD063	Front vehicle overhang	1532.0
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

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

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	1107.0
TD036	Frame height at theoretical rear wheelbase, laden	976.0
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	15.4
TD056	Wall-to-wall turning circle diameter	16.9

Weights/loads		kg
TD026	Chassis weight with cab	5342.0
TD027	Chassis weight, front	---
TD028	Chassis weight, rear	---
TD029	Payload	---

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

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.