



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

<input type="checkbox"/>	Chassis	0P2U9
<input type="checkbox"/>	Chassis class, light/medium	0P2UB
<input type="checkbox"/>	Destination: Ghana (GH)	0P3GJ
<input type="checkbox"/>	Merchant tonnage 18 t	0P8LF
<input type="checkbox"/>	Basic layout of vehicle, all-round	0PGCU
<input type="checkbox"/>	Frame type, normal height	0P2TS
<input type="checkbox"/>	Vehicle type, platform truck and chassis (LK)	0P2UQ
<input type="checkbox"/>	Left-hand-drive	0P3AS
<input type="checkbox"/>	Right-hand traffic	0P3F5
<input type="checkbox"/>	Vehicle documents in English	0P2L7
<input type="checkbox"/>	Labelling in English	0P8NM
<input type="checkbox"/>	Cab position 530 mm (distance from frame lower edge to cab floor)	0PHBD

Registration

<input type="checkbox"/>	Vehicle approval, N3 class	0P3JR
<input type="checkbox"/>	Maximum speed limiter, 85 km/h, electronic, engine speed regulation	0P2UI
<input type="checkbox"/>	Maximum vehicle noise level, 80 dB in acc. with UN/ECE-R 51.02	0PINC
<input type="checkbox"/>	Height over cab, unloaded up to 4,000 mm	0PHA1
<input type="checkbox"/>	Maximum vehicle width of 2,500 mm checked with respect to relevant cab components	0PIOH
<input type="checkbox"/>	Maximum vehicle width of 2,500 mm checked with respect to relevant chassis components	0PIOJ
<input type="checkbox"/>	Maximum vehicle width of 2,500 mm checked with respect to relevant axles, rims, tyres, wheel trim	0PIOL
<input type="checkbox"/>	Vehicle classification in accordance with regulation (EU) 2018/858	0PKAW

Documents

<input type="checkbox"/>	Without registration documentation, national	0P3B0
--------------------------	--	-------

Application scope / transport tasks

<input type="checkbox"/>	Vehicle version municipal/public service deployment	0P0H7
<input type="checkbox"/>	Distribution transport, general cargo	0P6WA
<input type="checkbox"/>	060 Box body, universal	0P2QS
<input type="checkbox"/>	Temperature range, vehicle deployment, warm country	0PHIB
<input type="checkbox"/>	Case hardness of final drive Distribution	0P4F0

Lines, editions and packages

<input type="checkbox"/>	Special request paintwork	0PJTD
--------------------------	---------------------------	-------

Horizontal and vertical loads

<input type="checkbox"/>	18,000 kg permitted gross load, vertical, nat. appr.	0P5PB
<input type="checkbox"/>	18,600 kg permitted gross load, vertical, tech.	0P5S7
<input type="checkbox"/>	18,600 kg permitted gross load, vertical, tech. Plus	0P8GT
<input type="checkbox"/>	7,100 kg permitted load on front axle, nat. appr.	0P5KQ
<input type="checkbox"/>	7,100 kg permitted load on front axle, tech.	0P5LK
<input type="checkbox"/>	7,100 kg permitted load on front axle, tech. Plus	0P8DY



<input type="checkbox"/>	11,500 kg permitted load on rear axle NatZu	0P5G7
<input type="checkbox"/>	11,500 kg permitted load on rear axle, tech.	0P5IJ
<input type="checkbox"/>	11,500 kg permitted load on rear axle, tech. Plus	0P8BN
<input type="checkbox"/>	0kN D value	0P8XD

Chassis

Vehicle frame (wheelbase, overhang, ...)

<input type="checkbox"/>	Main wheelbase, 4,425 mm	0P2ZV
<input type="checkbox"/>	Frame overhang, rear, 2,325 mm	0P3DT
<input type="checkbox"/>	Main frame side member thickness, 7 mm	0P0Y5
<input type="checkbox"/>	Vehicle rear, straight end of frame	0P0XT

Exhaust system, air intake

<input type="checkbox"/>	Exhaust silencer, side, right	0P1BH
<input type="checkbox"/>	Exhaust tailpipe, towards middle of frame	0P1BT
<input type="checkbox"/>	Air intake, behind cab, raised	0P0AY

Battery cases, batteries, alternator

<input type="checkbox"/>	2 batteries, 12 V, 180 Ah, long-life (EFB), maintenance free	0PGB1
<input type="checkbox"/>	Alternator, Basic	0P1BV
<input type="checkbox"/>	Medium battery box, 2 batteries	0P0WU
<input type="checkbox"/>	Battery box, left	0P0WO
<input type="checkbox"/>	Main battery switch, mechanical	0P0WF
<input type="checkbox"/>	Fuses	0P1V1

Tanks and fuel line

<input type="checkbox"/>	Fuel tank capacity 150 l, right	0P4DZ
<input type="checkbox"/>	Fuel tank, right, steel	0P4GN
<input type="checkbox"/>	Tank cross-section, right, low	0P4HF
<input type="checkbox"/>	AdBlue tank capacity 35 l, right	0P4CZ
<input type="checkbox"/>	AdBlue tank, right, plastic	0P4HU
<input type="checkbox"/>	Fuel tank cap, lockable for master key system	0P4H5
<input type="checkbox"/>	Cap for AdBlue tank, lockable	0P4GE

Frame attachments

<input type="checkbox"/>	Underride protection, front	0P1FN
<input type="checkbox"/>	Without working platform	0P0VH
<input type="checkbox"/>	Without underride protection, side	0P1FG
<input type="checkbox"/>	Spare wheel hoist on left side, in front of rear axle	0P0XO
<input type="checkbox"/>	Hoist for spare wheel	0P0VN
<input type="checkbox"/>	Final cross member, with hole pattern 160 x 100 mm	0P1SB
<input type="checkbox"/>	Underride protection, rear, round	0P1FD
<input type="checkbox"/>	Wheel chock, 1 unit, with retaining device	0P1FO
<input type="checkbox"/>	Without body attachment brackets/thrust plates	0P0X6

Pneumatic brakes, compressed-air generation, brake system

<input type="checkbox"/>	Air compressor, 1-cylinder, 238 ccm	0P0AD
<input type="checkbox"/>	Compressed-air treatment, pneumatically controlled	0P0AB



<input type="checkbox"/>	Steel compressed-air tank	0P0XH
<input type="checkbox"/>	Electronic brake system (EBS)	0P0BL
<input type="checkbox"/>	Anti-lock braking system (ABS)	0P0BE
<input type="checkbox"/>	Full brake assistant	0P0CM
<input type="checkbox"/>	Without preparation for EBS Full control unit	0PHPM
<input type="checkbox"/>	Engine brake, exhaust flap	0P0BU
<input type="checkbox"/>	Disc brakes on front axle	0P1I9
<input type="checkbox"/>	Disc brakes on rear axle	0P1I4
<input type="checkbox"/>	Parking brake control, next to driver's seat	0P3KH
<input type="checkbox"/>	Parking brake with spring-type actuator on rear axles (incl. leading axle/ trailing axle)	0PGBL
<input type="checkbox"/>	Brake lining thickness display, with brake lining wear warning	0P0BG
<input type="checkbox"/>	Harmonisation of brake lining wear	0P0BI

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

<input type="checkbox"/>	Rear lights	0P2AQ
<input type="checkbox"/>	Acoust. Reversing warning system when reverse gear selected	0P3CD
<input type="checkbox"/>	Light function test	0P2AD
<input type="checkbox"/>	No side marker lights	0P2BK

Driveline/running gear

Engine, radiator

<input type="checkbox"/>	Diesel engine MAN D0836 LFL95, 184 kW (250 hp) output, 1,050 Nm torque, Euro 4	0P5ZG
<input type="checkbox"/>	Fuel filter, heated, for fuels up to Cleanliness Class 25	0PHIG
<input type="checkbox"/>	Fuel pre-filter, with oil separator/water trap, heated	0P0AU
<input type="checkbox"/>	Without torque reduction	0P0G5
<input type="checkbox"/>	Engine dry-air filter, with safety insert	0P0B8
<input type="checkbox"/>	Ventilation, crankcase, closed	0P8PM
<input type="checkbox"/>	Anti-noise skirt, engine	0P2E7
<input type="checkbox"/>	Engine cooler, normal length	0P4XX
<input type="checkbox"/>	Engine oil dipstick	0P0B5
<input type="checkbox"/>	Antifreeze, down to -32 °C	0P0AK
<input type="checkbox"/>	Service product level indicator and intake system vacuum	0P3KT

Gearbox, clutch

<input type="checkbox"/>	MAN TipMatic 12.12 OD	0P5VP
<input type="checkbox"/>	Gearbox for normal percentage of overrun during driving operation	0PGDA
<input type="checkbox"/>	MAN TipMatic actuation, with drop arm, manual (DNR option, switching strategy option)	0P3KI
<input type="checkbox"/>	MAN Idle Speed Driving gearbox function	0P0ER
<input type="checkbox"/>	MAN TipMatic Efficiency driving program, up to 70,000 kg	0P0FA
<input type="checkbox"/>	Single-disc clutch, 395 mm, dry	0P0DS

Wheels, tyres

<input type="checkbox"/>	Required tyre speed index K	0PFW3
--------------------------	-----------------------------	-------



- 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 0P0P0
- Rim size, front axle, 10-hole, 9.00x22.5 0P0N1
- 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 0P0O0
- 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



<input type="checkbox"/>	Splash guard mat on mudguard, front axle, longer at bottom	0P1XS
<input type="checkbox"/>	Rear axle, 11,500 kg, HY axle without drive shaft, straight, not steered, not liftable	0P4ZL
<input type="checkbox"/>	Twin tyre on rear axle	0P1HN
<input type="checkbox"/>	Axle ratio, $i = 4.63$	0P0D9
<input type="checkbox"/>	Differential locks on driven rear axles	0P0DI
<input type="checkbox"/>	Without differential locks, front axles	0P0DL

Axle control system and suspension

<input type="checkbox"/>	Suspension type for front axles and driven rear axles, leaf/leaf (BB)	0P2YB
<input type="checkbox"/>	Leaf-spring suspension on front axle, parabolic, 1-leaf, steel	0P1JC
<input type="checkbox"/>	Leaf-spring suspension on rear axle, parabolic, 4-leaf, steel	0PGBF
<input type="checkbox"/>	Spring load-bearing capacity front axle 7,100 kg	0P5CY
<input type="checkbox"/>	Spring load-bearing capacity of rear axle, 11,500 kg	0P5BT
<input type="checkbox"/>	Shock absorbers on front axle	0P1M4
<input type="checkbox"/>	Shock absorbers on rear axle	0P1LQ
<input type="checkbox"/>	Stabiliser, front axle	0P1LD
<input type="checkbox"/>	Stabiliser, rear axle	0P1LA
<input type="checkbox"/>	Axle location system not as wishbone	0P6ZY

Cab

Cab and cab exterior

<input type="checkbox"/>	Compact CC cab	0P2DK
<input type="checkbox"/>	Cab mount, Basic	0P1V8
<input type="checkbox"/>	Cab tilt mechanism, manual	0P1V6
<input type="checkbox"/>	No tilting roof/sliding roof	0P1VY
<input type="checkbox"/>	Bumper, plastic	0P1SD
<input type="checkbox"/>	Front step, integrated, with grab option	0P1VE
<input type="checkbox"/>	Windscreen, composite safety glass, tinted	0P1X0
<input type="checkbox"/>	Sunblind, in front of windscreen	0P1WK
<input type="checkbox"/>	Wiper system for windscreen	0P1WG
<input type="checkbox"/>	Wiper activation, manual	0P1UL
<input type="checkbox"/>	Step unit, rigid	0P1UZ
<input type="checkbox"/>	Central locking, no remote control	0P1WS
<input type="checkbox"/>	Vehicle key, 2 units	0P3JT
<input type="checkbox"/>	No door extension	0P1WW
<input type="checkbox"/>	Door labelling, according to trade tonnage of vehicle	0P2DQ
<input type="checkbox"/>	Door windows, tinted	0P1WO
<input type="checkbox"/>	Door window, safety glass	0P1WM
<input type="checkbox"/>	Cab rear wall, no window	0P1VD

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

<input type="checkbox"/>	Front headlights, H7	0P1ZN
<input type="checkbox"/>	Daytime driving lights, H7	0P2BN
<input type="checkbox"/>	Headlight beam regulator, manual	0P2AC
<input type="checkbox"/>	Driving-light control, manual	0P1ZF
<input type="checkbox"/>	Contour lights, bulb, 2 units	0P2BT
<input type="checkbox"/>	Turn signal lights, sides, bulb	0P1Z6



<input type="checkbox"/>	Horn, two-tone, electrical	0P1W1
<input type="checkbox"/>	Preparation for loading area lighting	0P2A5
<input type="checkbox"/>	Without revolving beacons at the rear of the vehicle	0PJRO

Mirrors and mirror replacements

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

Seats

<input type="checkbox"/>	Seat covers, fabric, standard	0P2PQ
<input type="checkbox"/>	Comfort driver's seat, air-sprung	0P2P2
<input type="checkbox"/>	Co-driver's seat, not sprung, length and backrest adjustment	0P2OQ
<input type="checkbox"/>	Indicator, seat belt, 1st row of seats, acoustic and visual	0P8L1

Driver's workplace

<input type="checkbox"/>	Multi-function steering wheel, adjustable height and angle	0P2GD
<input type="checkbox"/>	Steering wheel, with parking position	0P2GE
<input type="checkbox"/>	Steering lock	0P3JZ
<input type="checkbox"/>	Instrumentation, Basic km/h	0P3L3
<input type="checkbox"/>	Tachograph Simulation Unit (TSU), instead of tachograph	0P2KY
<input type="checkbox"/>	Tachograph, calibrated	0P2KG
<input type="checkbox"/>	Plug-in ashtray, instrument panel in middle section, 1 unit	0P2FO
<input type="checkbox"/>	Cigarette lighter	0P2IH
<input type="checkbox"/>	Single DIN slots, 4 units, roof space, front	0P2FJ

Cab air-conditioning system

<input type="checkbox"/>	Air-conditioning system, manual	0P2NU
--------------------------	---------------------------------	-------

Bunk area

<input type="checkbox"/>	Without bunk area package	0PKNE
--------------------------	---------------------------	-------

Cab interior

<input type="checkbox"/>	Without interior lighting package	0PKNF
<input type="checkbox"/>	Colour scheme for interior styling, dark	0P2I6
<input type="checkbox"/>	Interior styling analogous to colour scheme	0PGBT
<input type="checkbox"/>	Windscreen roller blind, internal	0P2FE
<input type="checkbox"/>	Interior light, central	0PHA6
<input type="checkbox"/>	Entry lighting	0P2IO
<input type="checkbox"/>	Door interior cladding, washable	0P2IA
<input type="checkbox"/>	Entry handles, standard	0PHPK

Accessories and tools

<input type="checkbox"/>	Jack, 10,000 kg	0P3F7
<input type="checkbox"/>	Vehicle toolkit	0P2TX
<input type="checkbox"/>	No warning triangle	0P3FH



Intelligent Truck

Assistance systems

- | | | |
|--------------------------|---|-------|
| <input type="checkbox"/> | Tempomat (cruise control, CC) | 0P1TR |
| <input type="checkbox"/> | Without advanced emergency braking system | 0P1U5 |

Infotainment (radio,...)

- | | | |
|--------------------------|--|-------|
| <input type="checkbox"/> | MMT infotainment system, Starter Basic | 0P2M1 |
| <input type="checkbox"/> | MAN loudspeaker system | 0P2MF |
| <input type="checkbox"/> | No navigation map | 0P2N2 |

Bodies/interfaces

Interfaces to semitrailer (e.g. fifth-wheel coupling, brake connection,...)

- | | | |
|--------------------------|---|-------|
| <input type="checkbox"/> | Without trailer brake connection behind cab | 0P1O3 |
| <input type="checkbox"/> | No fifth-wheel coupling | 0P1RJ |

Interfaces to trailer (e.g. trailer coupling, brake connections,...)

- | | | |
|--------------------------|--|-------|
| <input type="checkbox"/> | Towing coupling at final cross member, RINGFEDER type 6451 | 0P1MY |
| <input type="checkbox"/> | Towing coupling on final cross member | 0P1SH |
| <input type="checkbox"/> | Without trailer brake connection at end of frame, centre | 0P1O0 |
| <input type="checkbox"/> | Without trailer socket at frame end | 0P1OW |
| <input type="checkbox"/> | Without trailer socket for anti-lock brake system (ABS) | 0P1O9 |

Ex works bodies and interfaces to bodies (e.g. tipper indicator...)

- | | | |
|--------------------------|--|-------|
| <input type="checkbox"/> | Interface for data exch. with body (customer-specific control module) and engine intermediate speed control (ZDR), front area of cab | 0P2NA |
|--------------------------|--|-------|

PTOs

- | | | |
|--------------------------|--|-------|
| <input type="checkbox"/> | Without fan wheel for PTO, gearbox-dependent | 0P4VR |
| <input type="checkbox"/> | Preparation, electr., for subsequent installation of a shifttable PTO, gearbox-dependent | 0P4OI |
| <input type="checkbox"/> | Sector-specific parameterisation for refuse collector vehicles, side loaders (working speed control) | 0P4X8 |

Towing, recovery and lashing

- | | | |
|--------------------------|--|-------|
| <input type="checkbox"/> | Central coupling jaw, integrated in bumper/front cross member, with lock pin | 0P1MK |
|--------------------------|--|-------|

Paintworks

Paintwork, cab, top

- | | | |
|--------------------------|------------------|-------|
| <input type="checkbox"/> | Top coating, cab | 0P6YB |
|--------------------------|------------------|-------|

Paintwork, cab, bottom

- | | | |
|--------------------------|--|-------|
| <input type="checkbox"/> | Textured coating, step units | 0P6X9 |
| <input type="checkbox"/> | Textured coating, mudguard, behind cab | 0P6YG |
| <input type="checkbox"/> | Textured coating, bumper, plastic | 0P6YP |

Paintwork, chassis

- | | | |
|--------------------------|----------------------|-------|
| <input type="checkbox"/> | Top coating, chassis | 0P6YC |
|--------------------------|----------------------|-------|
-



Top coating, rims, steel, white-aluminium

0P6YL

Colour

<input type="checkbox"/>	Top coating, cab	PURE WHITE RAL 9010	N
<input type="checkbox"/>	Top coating, chassis	GRAPHITE BLACK RAL 9011	W



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	5420.0
TD027	Chassis weight, front	3652
TD028	Chassis weight, rear	1877
TD029	Payload	12471

TD018	Statorily permissible gross vehicle weight	18000
TD025	Technically permissible gross vehicle weight	18600
TD031	Statorily permissible gross train weight	0
TD032	Statorily 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.