



## 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 Tipper (KI)
Cab	Compact CC cab
Main wheel distance	3575 mm
Overhang	1125 mm
Steering configuration	Right

### Vertical Load

	National Registration	Technical Load
Gross weight	15,000 kg	15,500 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	19,000 kg	19,000 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

<input type="checkbox"/>	Chassis	0P2U9
<input type="checkbox"/>	Chassis class, light/medium	0P2UB
<input type="checkbox"/>	Destination: South Africa (ZA)	0P3IH
<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 Tipper (KI)	0P2UN
<input type="checkbox"/>	Right-hand-drive	0P3AT
<input type="checkbox"/>	Left-hand traffic	0P3F4
<input type="checkbox"/>	XKD vehicle	0P2UW
<input type="checkbox"/>	CKD plant South Africa	0PFX6
<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, tolerance +1 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

### Documents

<input type="checkbox"/>	Registration documentation, national	0P3AZ
<input type="checkbox"/>	Special confirmation, heavy load / municipal operation	0P3CK

### Application scope / transport tasks

<input type="checkbox"/>	Distribution transport, general cargo	0P6WA
<input type="checkbox"/>	Increase of the tyre load capacity by 10% (for communal supplement)	0P0UU
<input type="checkbox"/>	022 Tipper, rear	0P2QH
<input type="checkbox"/>	Temperature range, vehicle deployment, warm country	0PHIB
<input type="checkbox"/>	Case hardness of final drive Distribution	0P4F0
<input type="checkbox"/>	Oil sump for gradeability, up to 30%	0P4F3

### Horizontal and vertical loads

<input type="checkbox"/>	15,000 kg permitted gross load, vertical, nat. appr.	0P5OZ
<input type="checkbox"/>	15,500 kg permitted gross load, vertical, tech.	0P5ST
<input type="checkbox"/>	16,000 kg permitted gross load, vertical, tech. Plus	0P8GH
<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"/>	7,500 kg permitted load on front axle, tech. Plus	0P8D1
<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"/>	19,000 kg permitted gross train weight, national registration	0PBFT
<input type="checkbox"/>	19,000 kg permissible gross train weight TechH.	0PBTG
<input type="checkbox"/>	28,000 kg permitted gross train weight, Tech. Plus	0PBN1
<input type="checkbox"/>	0kN D value	0P8XD

#### Notification texts

<input type="checkbox"/>	Important: Configuration includes localised components that are not part of the scope of delivery	0PGBP
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#### Chassis

##### Vehicle frame (wheelbase, overhang, ...)

<input type="checkbox"/>	Main wheelbase, 3,575 mm	0P2ZB
<input type="checkbox"/>	Frame overhang, rear, 1,125 mm	0P3CV
<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
<input type="checkbox"/>	Pre-separator for engine air intake	0P0BA

##### Battery cases, batteries, alternator

<input type="checkbox"/>	Battery, 12 V, 88 Ah, 2 units, maintenance free	0P0WC
<input type="checkbox"/>	Alternator, Basic	0P1BV
<input type="checkbox"/>	Small battery box, 2 batteries	0P0WS
<input type="checkbox"/>	Battery box, left	0P0WO
<input type="checkbox"/>	Main battery switch, mechanical	0P0WF
<input type="checkbox"/>	Safety cut-out	0P1V2
<input type="checkbox"/>	Lockable battery box, without padlock	0P0WK

##### Tanks and fuel line

<input type="checkbox"/>	Fuel tank capacity 300 l, right	0P4E8
<input type="checkbox"/>	Fuel tank, right, steel	0P4GN
<input type="checkbox"/>	Tank cross-section, right, medium	0P4HE
<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
<input type="checkbox"/>	Filter screen for fuel tank filler neck	0P1EM

##### 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



- Wheel chock, 1 unit, with retaining device 0P1FO
- Body attachment bracket 0P0X5

#### Pneumatic brakes, compressed-air generation, brake system

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- 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
- Engine brake, exhaust flap 0P0BU
- Disc brakes on front axle 0P1I9
- Disc brakes on rear axle 0P1I4
- Parking brake control, in instrument panel 0P3KG
- 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, ...)

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- Rear lights 0P2AQ
- Acoust. Reversing warning system when reverse gear selected 0P3CD
- Light function test 0P2AD
- No side marker lights 0P2BK

#### Driveline/running gear

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##### Engine, radiator

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- 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 21 0PHIF
- 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 and digital oil level gauge 0P0B6
- Antifreeze, down to -32 °C 0P0AK
- Service product level indicator and intake system vacuum 0P3KT

##### Gearbox, clutch

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- 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

<input type="checkbox"/>	Required tyre speed index J	0PFW2
<input type="checkbox"/>	Tyres for front axle, Goodyear 315/80R22.5 OMNITRAC S Steering-Road+Offroad TL	0PGJP
<input type="checkbox"/>	Rim type, front axle, steel, single-part	0P0P0
<input type="checkbox"/>	Rim size, front axle, 10-hole, 9.00x22.5	0P0NI
<input type="checkbox"/>	Wheel nut cover ring, front axle	0P0PR
<input type="checkbox"/>	Tyres for rear axle, Goodyear 315/80R22.5 OMNITRAC D Drive-Road+Offroad TL	0PGFT
<input type="checkbox"/>	Rim type, rear axle, steel, single-part	0P0OO
<input type="checkbox"/>	Rim size, rear axle, 10-hole, 9.00x22.5	0P0MU
<input type="checkbox"/>	Spare wheel, in accordance with configuration for rear axle tyres	0P0MF
<input type="checkbox"/>	Centring sleeves for rim mounting	0PHZW

## Axles

<input type="checkbox"/>	4x2	0P3B1
<input type="checkbox"/>	Steering ratio, standard	0P1JX
<input type="checkbox"/>	Steering oil tank with electrical measuring sensor	0P1JV
<input type="checkbox"/>	Front axle, 7,500 kg, not driven, cranked, steered, not liftable	0P5EQ
<input type="checkbox"/>	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, 3-leaf, steel	0P1J0
<input type="checkbox"/>	Spring load-bearing capacity front axle 7,500 kg	0P5CZ
<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, steel, 3 pieces	0P1SG
<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, with remote control	0P1WR
<input type="checkbox"/>	Vehicle key, 2 units	0P3JT
<input type="checkbox"/>	No door extension	0P1WV
<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"/>	Stone protection for front headlights, guard, wide mesh	0P1ZT
<input type="checkbox"/>	Daytime driving lights, H7	0P2BN
<input type="checkbox"/>	Fog lights, H7	0P2AH
<input type="checkbox"/>	Cornering light, H7	0P1YF
<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"/>	Comfort indicator function, can be activated	0P1ZW
<input type="checkbox"/>	Turn signal lights, sides, bulb	0P1Z6
<input type="checkbox"/>	Horn, single-tone, electrical	0P1W0

#### Mirrors and mirror replacements

<input type="checkbox"/>	Exterior rear-view mirror, electrically adjustable with manoeuvring aid	0P2CB
<input type="checkbox"/>	Mirror housing, not painted	0P2CP
<input type="checkbox"/>	Rear-view mirror arms, suitable for body width 2,500 mm to 2,600 mm	0P2CT
<input type="checkbox"/>	Kerb mirror, left, electrically adjustable	0P2CD
<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"/>	Driver's seat heating	0P2PX
<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"/>	Single DIN slots, 4 units, roof space, front	0P2FJ

#### Cab air-conditioning system

<input type="checkbox"/>	Air-conditioning system, Climatronic	0P2NT
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- Pre-separator (cyclone filter) for interior air intake 0P2O7

## Cab interior

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- 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
- Free space, next to driver's seat 0P2FW
- 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
- Entry handles, standard 0PHPK

## Accessories and tools

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- Jack, 10,000 kg 0P3F7
- Vehicle toolkit 0P2TX
- Warning triangle, 1 units 0P3FI

## Intelligent Truck

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### Assistance systems

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- Tempomat (cruise control, CC) 0P1TR

### Infotainment (radio,...)

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- MMT infotainment system, Advanced Basic 0P2LY
- MAN sound system 0P2MG
- No navigation map 0P2N2
- Smartphone integration 0P2NE

## Bodies/interfaces

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

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- Without trailer brake connection behind cab 0P1O3
- No fifth-wheel coupling 0P1RJ

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

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- 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
- Trailer socket, frame end, 24 V, 7-pin and 7-pin 0P1OU
- Without trailer socket for anti-lock brake system (ABS) 0P1O9

### PTOs

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- PTO, gearbox-dependent, type NH/1c, without flange, f=1.22, position approx. 3:00 o'clock 0P4PX
- PTO, gearbox-dependent, continuous operation 0P4VJ
- PTO, gearbox-dependent, shiftable 0P4X9
- Without fan wheel for PTO, gearbox-dependent 0P4VR



- Function parameters for PTO; gearbox-dependent, driving operation 0P4WP

**Towing, recovery and lashing**

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

**Other**

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- Textured coating, step units 0P6X9
- Top coating, cab 0P6YB
- Top coating, chassis 0P6YC
- Textured coating, mudguard, behind cab 0P6YG
- Top coating, rims, steel, white-aluminium 0P6YL
- Textured coating, bumper, steel 0P6YQ

**Colour**

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- Top coating, chassis GRAPHITE BLACK RAL 9011 W
- Top coating, cab TRAFFIC WHITE RAL 9016 A





## Technical data: TGM 18.250 4x2 BB CH / L07DAA03

Vehicle type: Vehicle type Tipper (KI)  
 Cab: Compact CC cab  
 Drive Type: 4x2

<b>Lengths</b>		<b>mm</b>
TD071	Total length	6248.0
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	1125.0
TD072	Distance from first front axle to body	Error: 204
TD067	Distance to kingpin from front axle, nominal position	-
TD074	Slew radius, front	-
TD075	Slew radius, rear	-
TD068	Coupling length	Error: 204

<b>Widths</b>		<b>mm</b>
TD008	Width included rearview mirror	2981.0
TD001	Width over cab	2240.0

<b>Frame</b>		<b>mm</b>
TD009	Frame width at front	Error: 204
TD010	Frame width at the rear	Error: 204
TD078	Frame profile	Error: 204

<b>Heights</b>		<b>mm</b>
TD033	Maximum external height, unladen	2949.0
TD082	Total transport height, unladen	2949.0
TD034	Maximum external height, laden	2866.0
TD035	Frame height at theoretical rear wheelbase, unladen	Error: 204
TD036	Frame height at theoretical rear wheelbase, laden	Error: 204
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	-

<b>Circle dimensions</b>		<b>m</b>
TD055	Track circle diameter	12.9
TD056	Wall-to-wall turning circle diameter	14.3

<b>Weights/loads</b>		<b>kg</b>
TD026	Chassis weight with cab	Error: 204
TD027	Chassis weight, front	5101
TD028	Chassis weight, rear	5040
TD029	Payload	29859
TD018	Statorily permissible gross vehicle weight	15000
TD025	Technically permissible gross vehicle weight	15500
TD031	Statorily permissible gross train weight	19000
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.