

Vehicle description for: TGM 18.250 4x2 BL CH



Illustration can deviate

Vehicle standards

Product family	The new MAN Truck Generation
Variant designation	TGM 18.250 4x2 BL CH
Vehicle type	Vehicle type, platform truck and chassis (LK)
Cab	TN cab: the flexible one (narrow, long, normal height)
Main wheel distance	6175 mm
Overhang	3275 mm
Steering configuration	Left

Vertical Load

	National Registration	Technical Load
Gross weight	18,000 kg	18,000 kg
Front axle	7,500 kg	7,500 kg
Rear axle	11,000 kg	11,000 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: Russian Federation (RU)	0P3I5
<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 documentation in Russian	0P2LP
<input type="checkbox"/> Labelling in Russian	0P8NR
<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, 89 km/h, tolerance +1 km/h, electronic, engine speed regulation	0P2UJ
<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"/> Vehicle classification in accordance with regulation (EU) 2018/858	0PKAW

Documents

<input type="checkbox"/> Data confirmation for issue of German export registration number	0P2U6
<input type="checkbox"/> Without registration documentation, national	0P3B0

Application scope / transport tasks

<input type="checkbox"/> Distribution transport, general cargo	0P6WA
<input type="checkbox"/> 051 Box body, insulated (without cooling system)	0P2QQ
<input type="checkbox"/> Temperate range, vehicle deployment, moderate	0P0G7
<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"/> 18,000 kg permitted gross load, vertical, nat. appr.	0P5PB
<input type="checkbox"/> 18,000 kg permitted gross load, vertical, tech.	0P5S4
<input type="checkbox"/> 18,000 kg permitted gross load, vertical, tech. Plus	0P8GQ
<input type="checkbox"/> 7,500 kg permitted load on front axle, nat. appr.	0P5KR
<input type="checkbox"/> 7,500 kg permitted load on front axle, tech.	0P5LL
<input type="checkbox"/> 7,500 kg permitted load on front axle, tech. Plus	0P8D1
<input type="checkbox"/> 11,000 kg permitted load on rear axle NatZu	0P5G4
<input type="checkbox"/> 11,000 kg permitted load on rear axle, tech.	0P5IG
<input type="checkbox"/> 11,000 kg permitted load on rear axle, tech. Plus	0P8BJ

0kN D value 0P8XD

Chassis

Vehicle frame (wheelbase, overhang, ...)

<input type="checkbox"/> Main wheelbase, 6,175 mm	0P3AG
<input type="checkbox"/> Frame overhang, rear, 3,275 mm	0P3EH
<input type="checkbox"/> Main frame side member thickness, 7 mm	0P0Y5
<input type="checkbox"/> Vehicle rear, straight end of frame	0P0XT
<input type="checkbox"/> Top coating, chassis	0P6YC

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"/> Battery, 12 V, 175 Ah, 2 units, maintenance free	0P0WA
<input type="checkbox"/> Three-phase alternator 28 V, 120 A, 3,360 W, Longlife Eco	0P1BW
<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 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, non-lockable	0P4H8
<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"/> Underride protection, at the side, not foldable	0PHCU
<input type="checkbox"/> Spare wheel hoist on left side, behind rear axle	0P0XN
<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"/> Without underride protection, rear	0P1FB
<input type="checkbox"/> Wheel chock, 1 unit, with retaining device	0P1FO
<input type="checkbox"/> Body attachment bracket	0P0X5
<input type="checkbox"/> Note: Without option for fastening number plate on vehicle rear, ex works	0PHDQ

Pneumatic brakes, compressed-air generation, brake system

<input type="checkbox"/> Air compressor, 1-cylinder, 238 ccm	0P0AD
<input type="checkbox"/> Air dryer, heated	0P0B2
<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"/> 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 for liftgate/transfer, 5-chamber	0P2AR
<input type="checkbox"/> Protective cover for rear lights	0P6XS
<input type="checkbox"/> Without reversing warning system	0P3CG
<input type="checkbox"/> Light function test	0P2AD
<input type="checkbox"/> Side marker lights, LED	0P2BJ

Driveline/running gear

Engine, radiator

<input type="checkbox"/> Diesel engine MAN D0836 LFL89, 184 kW (250 hp) output, 1,050 Nm torque, Euro 5	0P5ZX
<input type="checkbox"/> Fuel filter, heated, for fuels up to Cleanliness Class 21	0PHIF
<input type="checkbox"/> Fuel pre-filter, with oil separator/water trap, heated	0P0AU
<input type="checkbox"/> Without torque reduction	0P0G5
<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 and digital oil level gauge	0P0B6
<input type="checkbox"/> Antifreeze, down to -32 °C	0P0AK
<input type="checkbox"/> Flame-start system	0P0GD
<input type="checkbox"/> Cover for intercooler	0P1X4
<input type="checkbox"/> Service product level indicator and intake system vacuum	0P3KT
<input type="checkbox"/> Engine number, additionally on crankshaft housing	0P0IV

Gearbox, clutch

<input type="checkbox"/> Manually operated gearbox, MAN 09.11 DD	0P5VD
<input type="checkbox"/> Gearbox for normal percentage of overrun during driving operation	0PGDA
<input type="checkbox"/> Manual gearbox operation, Single-H, group switch	0P3KM
<input type="checkbox"/> Single-disc clutch, 395 mm, dry	0P0DS

Wheels, tyres

<input type="checkbox"/> Required tyre speed index G	0PFWA
<input type="checkbox"/> Front axle tyres optionally 295/80R22.5 Steering-Short-haul TL (154/148 K)	0PEV9
<input type="checkbox"/> Rim type, front axle, steel, single-part	0P0P0
<input type="checkbox"/> Rim size, front axle, 10-hole, 8.25x22.5	0P0NE
<input type="checkbox"/> Wheel nut cover ring, front axle	0P0PR

<input type="checkbox"/>	Rear axle tyres optionally 295/80R22.5 Drive-Short-haul TL (152/148 K)	0PDPC
<input type="checkbox"/>	Rim type, rear axle, steel, single-part	0P0OO
<input type="checkbox"/>	Rim size, rear axle, 10-hole, 8.25x22.5	0P0MQ
<input type="checkbox"/>	Spare wheel, in accordance with configuration for front axle tyres	0P0MH
<input type="checkbox"/>	Top coating, rims, steel, white-aluminium	0P6YL
<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, 13,000 kg, HY axle without drive shaft, straight, not steered, not liftable	0P4ZP
<input type="checkbox"/>	Twin tyre on rear axle	0P1HN
<input type="checkbox"/>	Transfer mudguard, rear axle	0P1AQ
<input type="checkbox"/>	Axle ratio, $i = 3.70$	0P0D0
<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/air (BL)	0P2YC
<input type="checkbox"/>	Control unit for electronically controlled air suspension (VASC)	0P3K9
<input type="checkbox"/>	Leaf-spring suspension on front axle, parabolic, 1-leaf, steel	0P1JC
<input type="checkbox"/>	Air suspension on rear axle	0P1J5
<input type="checkbox"/>	Spring load-bearing capacity front axle 7,500 kg	0P5CZ
<input type="checkbox"/>	Spring load-bearing capacity of rear axle, 13,000 kg	0P5BV
<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"/>	Wishbone	0P6ZR

Cab**Cab and cab exterior**

<input type="checkbox"/>	Top coating, cab	0P6YB
<input type="checkbox"/>	Textured coating, bumper, plastic	0P6YP
<input type="checkbox"/>	Textured coating, step units	0P6X9
<input type="checkbox"/>	Textured coating, mudguard, behind cab	0P6YG
<input type="checkbox"/>	TN cab: the flexible one (narrow, long, normal height)	0P2DF
<input type="checkbox"/>	Cab mount, Basic	0P1V8
<input type="checkbox"/>	Cab tilt mechanism, manual	0P1V6
<input type="checkbox"/>	Tilting roof, mechanical	0P1VW
<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"/> No sunblind, in front of windscreen	0P1WJ
<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	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"/> Daytime driving lights, H7	0P2BN
<input type="checkbox"/> Fog lights, H7	0P2AH
<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
<input type="checkbox"/> Preparation for loading area lighting	0P2A5

Mirrors and mirror replacements

<input type="checkbox"/> Exterior rear-view mirror, electrically adjustable	0P2CA
<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, right, electrically adjustable	0P2CG
<input type="checkbox"/> Front mirror, mechanical adjustment	0P2CJ

Seats

<input type="checkbox"/> Seat covers, fabric, Comfort	0P2PO
<input type="checkbox"/> Comfort driver's seat, air-sprung	0P2P2
<input type="checkbox"/> Driver's seat arm rests	0P2OE
<input type="checkbox"/> Co-driver's seat, not sprung, length and backrest adjustment	0P2OQ
<input type="checkbox"/> Seat belt indicator, driver's side, acoustic and visual	0P2NB

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"/> Socket, cab centre, 2 units, 12 V and 24 V	0P2HX
<input type="checkbox"/> Stowage compartment, open with two USB sockets, 5 V, charging only, to the right of climate control panel	0PGT7
<input type="checkbox"/> 2 pull-out cup holders in instrument panel	0P2FA

<input type="checkbox"/>	Comfort shelf below Infotainment display	0PFY0
<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, Climatronic	0P2NT
<input type="checkbox"/>	Ventilation, cannot be disabled, permanent and slight excess pressure in cab (reduces dust penetration)	0P2NX

Bunk area

<input type="checkbox"/>	Bunk, bottom, with slatted support	0P2GX
<input type="checkbox"/>	Bunk mattress, bottom, 70 mm	0P2GL
<input type="checkbox"/>	Net, left, at bottom bunk	0P2EI
<input type="checkbox"/>	Net, right, at bottom bunk	0P2EO
<input type="checkbox"/>	Cross-cab curtain, rear seats	0P2GP
<input type="checkbox"/>	Storage box, rear, left, accessible from outside with flap and from inside with suspended tray	0P2H1
<input type="checkbox"/>	Storage box, rear, right, accessible from outside with flap and from inside with suspended tray	0P2H5

Cab interior

<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"/>	All-round curtain	0P2GS
<input type="checkbox"/>	Interior light, central	0PHA6
<input type="checkbox"/>	Reading light, 1 unit, driver's side	0P2IQ
<input type="checkbox"/>	Entry lighting	0P2IO
<input type="checkbox"/>	Additional cab insulation, thermal	0P2FT
<input type="checkbox"/>	Door interior cladding, not washable	0P2IB
<input type="checkbox"/>	Carpet, on engine tunnel	0P2I9
<input type="checkbox"/>	Drawer, 1 unit, instrument panel in middle section	0P2HJ
<input type="checkbox"/>	Storage compartment, below the bunk, with bulkhead	0P2HH
<input type="checkbox"/>	Net, cab rear wall	0P2F0
<input type="checkbox"/>	Grab handle, above door, internal, 2 units, 1 right and 1 left	0P2G2
<input type="checkbox"/>	Entry handles, standard	0PHPK

Accessories and tools

<input type="checkbox"/>	Fire extinguisher, 2 kg, 1 ea., rear area of cab, inside, in vehicle documentation language	0P2YE
<input type="checkbox"/>	Jack, 12,000 kg	0P3F8
<input type="checkbox"/>	Vehicle toolkit	0P2TX
<input type="checkbox"/>	Warning triangle, 1 units	0P3FI
<input type="checkbox"/>	First aid kit	0P3F3
<input type="checkbox"/>	Window cleaning set	0P3CI
<input type="checkbox"/>	Hazard warning light, 1 units, with continuous light function	0P3FF

Intelligent Truck**Assistance systems**

<input type="checkbox"/>	Electronic Stability Program (ESP)	0P1TN
--------------------------	------------------------------------	-------

<input type="checkbox"/> Anti-slip control (ASR)	0P1T2
<input type="checkbox"/> Tempomat (cruise control, CC)	0P1TR

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
<input type="checkbox"/> Emergency call system eCall, manual	0P1TI

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, ROCKINGER SK5	0P1MZ
<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"/> Preparation, electrical, for hydraulic liftgate	0P1G0
<input type="checkbox"/> Interface for data exch. with body (customer-specific control module) and engine intermediate speed control (ZDR), front area of cab	0P2NA
<input type="checkbox"/> Interface for vehicle data (FMS)	0P2J3

PTOs

<input type="checkbox"/> Without fan wheel for PTO, gearbox-dependent	0P4VR
<input type="checkbox"/> Sector-specific parameterisation for roll-off/set-down skip loader (working speed control)	0P4X1

Towing, recovery and lashing

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

Other

<input type="checkbox"/> TC RU K-DE.MT02.00088	RU114
--	-------

Local additional equipment

<input type="checkbox"/> Telematics basic	ZLA01
---	-------

Colour

<input type="checkbox"/> Top coating, chassis	GRAPHITE BLACK RAL 9011	W
<input type="checkbox"/> Top coating, cab	GENTIAN BLUE RAL 5010	N

Technical data: TGM 18.250 4x2 BL CH / L18DAA09

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

Cab: TN cab: the flexible one (narrow, long, normal height)

Drive Type: 4x2

Lengths		mm
TD071	Total length	10982.0
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	3275.0
TD072	Distance from first front axle to body	940.0
TD067	Distance to kingpin from front axle, nominal position	-
TD074	Slew radius, front	-
TD075	Slew radius, rear	-
TD068	Coupling length	10826.0
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	3034.0
TD082	Total transport height, unladen	3034.0
TD034	Maximum external height, laden	2953.0
TD035	Frame height at theoretical rear wheelbase, unladen	1018.0
TD036	Frame height at theoretical rear wheelbase, laden	988.0
TD045	Raising from driving position, front	0.0
TD046	Lowering from driving position, front	0.0
TD047	Raising from driving position, rear	180.0
TD048	Lowering from driving position, rear	90.0
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	20.6
TD056	Wall-to-wall turning circle diameter	22.1
Weights/loads		kg
TD026	Chassis weight with cab	6217.0
TD027	Chassis weight, front	4112
TD028	Chassis weight, rear	2125
TD029	Payload	11763

TD018	Statutorily permissible gross vehicle weight	18000
TD025	Technically permissible gross vehicle weight	18000
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.