

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
Emission class	EURO5
Engine family	D08R6
Engine output	184 kW
Vehicle type	Vehicle type, platform truck and chassis (LK)
Body type	060 Box body, universal
Cab	Compact CC cab
Main wheel distance	4425 mm
Overhang	2325 mm
Steering configuration	Left

Vertical Load

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

Horizontal Load

	National Registration	Technical Load	Technical Load Plus
Gross train weight	0 kg	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

	characteristics	
	Application area, beside road easy (T1)	OPLSE
	Vehicle version for public service deployment	0P0H7
	Chassis	0P2U9
	Chassis class, light/medium	0P2UB
	Destination: Ghana (GH)	0P3GJ
	Merchant tonnage 18 t	0P8LF
1	Basic layout, weight-optimised vehicle	0PLSK
	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
egis	tration	
l	Vehicle approval, N3 class	0P3JR
	Maximum speed limiter, 89 km/h, tolerance +1 km/h, electronic, engine speed regulation	0P2UJ
	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
	Vehicle classification in accordance with regulation (EU) 2018/858	0PKAW
)ocu	ments	
]	Without registration documentation, national	0P3B0
	cation scope / transport tasks	
]	Distribution transport, general cargo	0P6WA
	060 Box body, universal	0P2QS
	Temperature range, vehicle deployment, warm country	0PHIB
	Case hardness of final drive Distribution	0P4F0
	editions and packages	
	Without Efficient Drive	0PVBQ
	Special request paintwork	0PJTD
	Without Individual Lion package	0PJTD 0PJT1
orizo	Without Individual Lion package	0PJT1
orizo	Without Individual Lion package ontal and vertical loads 18,000 kg permitted gross load, vertical, nat. appr.	0PJT1 0P5PB
oriz	Without Individual Lion package ontal and vertical loads 18,000 kg permitted gross load, vertical, nat. appr. 18,600 kg permitted gross load, vertical, tech.	0PJT1 0P5PB 0P5S7
orizo	Without Individual Lion package ontal and vertical loads 18,000 kg permitted gross load, vertical, nat. appr. 18,600 kg permitted gross load, vertical, tech. 18,600 kg permitted gross load, vertical, tech. Plus	0PJT1 0P5PB 0P5S7 0P8GT
oriz	Without Individual Lion package ontal and vertical loads 18,000 kg permitted gross load, vertical, nat. appr. 18,600 kg permitted gross load, vertical, tech. 18,600 kg permitted gross load, vertical, tech. Plus 7,100 kg permitted load on front axle, nat. appr.	0PJT1 0P5PB 0P5S7 0P8GT 0P5KQ
oriz	Without Individual Lion package ontal and vertical loads 18,000 kg permitted gross load, vertical, nat. appr. 18,600 kg permitted gross load, vertical, tech. 18,600 kg permitted gross load, vertical, tech. Plus 7,100 kg permitted load on front axle, nat. appr. 7,100 kg permitted load on front axle, tech.	0PJT1 0P5PB 0P5S7 0P8GT 0P5KQ 0P5LK
oriz	Without Individual Lion package ontal and vertical loads 18,000 kg permitted gross load, vertical, nat. appr. 18,600 kg permitted gross load, vertical, tech. 18,600 kg permitted gross load, vertical, tech. Plus 7,100 kg permitted load on front axle, nat. appr. 7,100 kg permitted load on front axle, tech. 7,100 kg permitted load on front axle, tech. Plus	0PJT1 0P5PB 0P5S7 0P8GT 0P5KQ 0P5LK 0P8DY
	Without Individual Lion package ontal and vertical loads 18,000 kg permitted gross load, vertical, nat. appr. 18,600 kg permitted gross load, vertical, tech. 18,600 kg permitted gross load, vertical, tech. Plus 7,100 kg permitted load on front axle, nat. appr. 7,100 kg permitted load on front axle, tech.	0PJT1 0P5PB 0P5S7 0P8GT 0P5KQ 0P5LK



_	11 FOO ke permitted lead on room over teah. Dive	0P8BN
	11,500 kg permitted load on rear axle, tech. Plus	
	0kN D value	0P8XD
Notif	ication texts	
	Without note (propshaft wear)	0PJRV
Cha	issis	
	cle 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
_		01071
Exha	aust system, air intake	
	Exhaust silencer, side, right	0P1BH
	Exhaust tailpipe, towards middle of frame	0P1BT
	Air intake, behind cab, raised	OPOAY
-		
Batte	ery cases, batteries, alternator 2 batteries, 12 V, 150 Ah, standard (SLI), maintenance free	0PHLB
	Three-phase alternator 28 V, 120 A, 3,360 W, Longlife Eco	0P1BW
	Small battery box, 2 batteries	0P0WS
	Battery box, left	0P0WO
	Main battery switch, mechanical	0P0WF
	Fuses	0P1V1
-		
Tank	ss and fuel line	
	Fuel tank capacity 220 l, right	0P4E2
	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
Fran	ne 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
Pneu	umatic brakes, compressed-air generation, brake system	

Pneumatic brakes, compressed-air generation, brake system



Air compressor, 1-cylinder, 238 ccm	0P0AD
Air dryer, heated	0P0B2
Compressed-air treatment, electronically controlled	0P0AA
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
MAN EVB high-performance engine brake	0P0BV
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
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, ...)

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 LFL89, 184 kW (250 hp) output, 1,050 Nm torque, Euro 5	0P5ZX	
	Fuel filter, heated, for fuels up to Cleanliness Class 25	0PHIG	
	Fuel pre-filter, with oil separator/water trap, with water sensor, heated	0P4XP	
	Without torque reduction	0P0G5	
	Ventilation, crankcase, closed	0P8PM	
	Anti-noise skirt, engine	0P2E7	
	Engine cooler, normal length	0P4XX	
	Engine oil dipstick	0P0B5	
	Antifreeze, down to -32 °C	0P0AK	

Gearbox, clutch

MAN PowerMatic 08.13 OD	0PHMK	
Gearbox for normal percentage of overrun during driving operation	0PGDA	
Gearbox, 8-speed	0PHML	
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	
Without drive clutch	0PIXX	
Main propshaft, 14,000 Nm functional limit torque	0PKZG	
Propshafts with standard grease, cannot be lubricated	0PKZL	
Gearbox heat exchanger	0P0FW	



Wheels, tyres			
	Required tyre speed index G	0PFWA	
	Front axle tyres optionally 295/80R22.5 Steering-Road+Offroad TL (152/148 K)	0PEVA	
	Rim type, front axle, steel, single-part	0P0P0	
	Rim size, front axle, 10-hole, 9.00x22.5	0P0NI	
	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	0P0OO	
	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	

Axle	S		
	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	
	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	
	Transfer mudguard, rear axle	0P1AQ	
	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	

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	Shock absorbers on rear axle	0P1LQ
	Stabiliser, front axle	0P1LD
	Stabiliser, rear axle	0P1LA
	Axle location system not as wishbone	0P6ZY
	Without air suspension control, trailer/semitrailer	0PHN2

Cab

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, ...)

H7 package Basic, front headlights	0PKWT
Front headlights, H7	0P1ZN
Daytime driving lights, H7	0P2BN
Turn signal lights, sides, bulb	0P1Z6
Headlight beam regulator, manual	0P2AC
Driving-light control, manual	0P1ZF
Contour lights, bulb, 2 units	0P2BT
Horn, two-tone, electrical	0P1W1
Without revolving beacons at the rear of the vehicle	0PJRO

Mirrors and mirror replacements

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

Seats

Sea	Seals		
	Seat covers, fabric, standard	0P2PQ	
	Plus driver's seat package, air-sprung	0PKXF	
	Comfort driver's seat, air-sprung	0P2P2	
	Basic co-driver's seat package, unsprung, fore-and-aft and backrest adjustment	0PKTY	
	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
Professional instrumentation, 12.3"	0P3L2
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
Bunk	< area	
	Without bunk area	0PKFY
-	interior	
	Dark Moon Grey with silver colour scheme for cab interior	0PKFZ
	Interior styling analogous to colour scheme	0PGBT
	Basic driver's workplace package	0PKPN
	Windscreen roller blind, internal	0P2FE
	Interior light, reading light (driver's side)	0PKMY
	Interior light, central	0PHA6
	Reading light, 1 unit, driver's side	0P2IQ
	Entry lighting	0P2IO
	Entry handles, standard	0PHPK
	Door interior cladding, washable	0P2IA
	Without additional storage and stowage space	0PKWA
	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
Acce	essories and tools	
	Vehicle tool kit without accessories	0PKXB
	Vehicle toolkit	0P2TX
	No warning triangle	0P3FH
	Jack, 10,000 kg	0P3F7

Intelligent Truck

Assistance systems		
	Anti-slip control (ASR)	0P1T2
	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
	Without MAN SafeStop Assist	0PLB5
Infot	ainment (radio,)	
	MMT infotainment system, Starter Basic	0P2M1
	MAN loudspeaker system	0P2MF
	No navigation map	0P2N2
	French additionally for display	0P2JT



Bodies/interfaces

Interf	aces 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	
Interf	aces 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 w	orks bodies and interfaces to bodies (e.g. tipper indicator)		
	Interface for data exchange with tipper (customer-specific control module) and intermediate	0PKNU	
	engine speed (ZDR), front area of cab and behind cab		
	Interface for extended signal output (EIO)	0PJBE	
PTO	5		
	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	
Dair	tworks		
Fall			

Paintwork, cab, top 0P6YB Top coating, cab Paintwork, cab, bottom Textured coating, step units 0P6X9 Textured coating, mudguard, behind cab 0P6YG Textured coating, bumper, plastic 0P6YP Paintwork, chassis **0PJTK** Without additional top coating on chassis 0P6YL Top coating, rims, steel, white-aluminium

Colour	

Top coating, cab	
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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

Drive I	ype: 4x2	
Length	IS	mm
TD071	Total length	8445.0
TD063	Front vehicle overhang	1530.0
TD057	Wheelbase between front axles	0
TD058	Wheelbase between leading axle and rear	0
	axle	
TD059	Wheelbase between rear axles	0
TD060	Wheelbase between rear axle and trailing axle	0
TD064	Rear frame overhang	2325.0
	Distance from first front axle to body	441.0
	Distance to kingpin from front axle, nominal position	-
TD074	Slew radius, front	
	Slew radius, rear	
-	Coupling length	8127.0
Length		
	Total length	8445.0
	Front vehicle overhang	1530.0
	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
	Rear frame overhang	2325.0
	Distance from first front axle to body	441.0
	Distance to kingpin from front axle, nominal	
	position	
TD074	Slew radius, front	-
TD075	Slew radius, rear	-
TD068	Coupling length	8127.0
Widths		mm
	Width included rearview mirror	2981.0
	Width over cab	2240.0
Widths		mm
	Width included rearview mirror	2981.0
	Width nicidue real new minor	2240.0
	Width over cab	
Frame		mm
	Frame width at front	964.0
	Frame width at the rear	864.0
10078	Frame profile	270 x 70 x 7
Frame		mm
	Frame width at front	964.0
	Frame width at the rear	864.0
	Frame profile	270 x
0. 0	p	70 x 7

Height	S	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	1077.0
TD036	Frame height at theoretical rear wheelbase, laden	944.0
TD045	Raising from driving position, front	0.0
	Lowering from driving position, front	0.0
	Raising from driving position, rear	0.0
	Lowering from driving position, rear	0.0
	Height of fifth-wheel coupling above ground, unladen	-
TD052	Height of fifth-wheel coupling above ground, laden	-
Height		mm
	Maximum external height, unladen	2949.0
	Total transport height, unladen	2949.0
	Maximum external height, laden	2873.0
TD035	Frame height at theoretical rear wheelbase, unladen	1077.0
TD036	Frame height at theoretical rear wheelbase, laden	944.0
TD045	Raising from driving position, front	0.0
	Lowering from driving position, front	0.0
	Raising from driving position, rear	0.0
	Lowering from driving position, rear	0.0
	Height of fifth-wheel coupling above ground, unladen	-
TD052	Height of fifth-wheel coupling above ground, laden	-
Circle	dimensions	m
	Track circle diameter	15.5
TD056	Wall-to-wall turning circle diameter	17.0
Cirolo	dimensions	
	Track circle diameter	
	Wall-to-wall turning circle diameter s/loads	17.0 kg
TD026		5546
TD020	Chassis weight, front	3628
TD028	Chassis weight, rear	1918
	Payload	12454
TD023		18000
TD018		18600
	Statutorily permissible gross train weight	
TD031 TD032	Statutorily permissible gross train weight	0
Weight	s/loads	kg
	Observis weight with sale	5546
TD026	Chassis weight with cab	5540
TD026 TD027	Chassis weight, front	3628

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.



TD029	Payload	12454
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

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