

Vehicle description for: TGM 18.250 4x2 BB CH



Illustration can deviate

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
Battery gross capacity	0 kWh
Batteries number	0
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

	c characteristics	
3	Vehicle version for public service deployment	0P0H7
3	Chassis	0P2U9
1	Chassis class, light/medium	0P2UB
]	Destination: Ghana (GH)	0P3GJ
3	Merchant tonnage 18 t	0P8LF
3	Basic layout of vehicle, all-round	0PGCU
3	Frame type, normal height	0P2TS
3	Vehicle type, platform truck and chassis (LK)	0P2UQ
3	Left-hand-drive	0P3AS
3	Right-hand traffic	0P3F5
3	Vehicle documents in English	0P2L7
3	Labelling in English	0P8NM
3	Cab position 530 mm (distance from frame lower edge to cab floor)	0PHBD
Regi	stration	
ıcg.	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
3	Height over cab, unloaded up to 4,000 mm	0PHA1
3	Vehicle classification in accordance with regulation (EU) 2018/858	0PKAW
امدر	uments	
]]	Without registration documentation, national	0P3B0
	· · · · · · · · · · · · · · · · · · ·	
Appl	ication scope / transport tasks	
	ication scope / transport tasks Distribution transport, general cargo	0P6WA
]		0P6WA 0P2QS
<u> </u>	Distribution transport, general cargo	
3 3 3	Distribution transport, general cargo 060 Box body, universal	0P2QS
- - -	Distribution transport, general cargo 060 Box body, universal Temperature range, vehicle deployment, warm country Case hardness of final drive Distribution	0P2QS 0PHIB
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ine	Distribution transport, general cargo 060 Box body, universal Temperature range, vehicle deployment, warm country Case hardness of final drive Distribution s, editions and packages Special request paintwork Without Individual Lion package zontal 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.	0P2QS 0PHIB 0P4F0 0PJTD 0PJT1 0P5PB 0P5S7 0P8GT 0P5KQ 0P5LK
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Line	Distribution transport, general cargo 060 Box body, universal Temperature range, vehicle deployment, warm country Case hardness of final drive Distribution s, editions and packages Special request paintwork Without Individual Lion package zontal 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	OP2QS OPHIB OP4F0 OPJTD OPJT1 OP5PB OP5S7 OP8GT OP5KQ OP5LK OP8DY



Noti	Notification texts			
	Without note (propshaft wear)	0PJRV		
Cha	i-			
Cna	assis			
Veh	icle 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		
Evh:	aust system, air intake			
	Exhaust silencer, side, right	0P1BH		
	Exhaust tailpipe, towards middle of frame	0P1BT		
	Air intake, behind cab, raised	0P0AY		
	ery cases, batteries, alternator	00004		
	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		
Tanl	ks 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		
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		
	umatic brakes, compressed-air generation, brake system	ODCA D		
_	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	0РНРМ
	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
	MAN EasyStart immobiliser	0P1TF
	Brake lining thickness display, with brake lining wear warning	0P0BG
	Harmonisation of brake lining wear	0P0BI
Light	s 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
Driv	eline/running gear	
	ne, radiator	0DE7V
	Diesel engine MAN D0836 LFL89, 184 kW (250 hp) output, 1,050 Nm torque, Euro 5	0P5ZX 0PHIG
	Fuel filter, heated, for fuels up to Cleanliness Class 25	
_	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
_		
	box, clutch MAN TipMatic 12 12 OD	0P5\/P
	MAN TipMatic 12.12 OD Georbey for permal percentage of everrup during driving exerction	0P5VP 0PGDA
_	Gearbox for normal percentage of overrun during driving operation	
_	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
_	Main propshaft, 14,000 Nm functional limit torque	0PKZG
	Propshafts with standard grease, cannot be lubricated	0PKZL
	Paguired turn annual index C	ODEW/A
	Required tyre speed index G	0PFWA



□ 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	К
Fuel efficiency class	D
Wet grip class	В
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	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	0P000
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		



	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
	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	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
	ts and acoustic signals on cab exterior (headlights, horn,)	
	Without light and headlight package	0PKWU
	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
	Preparation for loading area lighting	0P2A5
	Without revolving beacons at the rear of the vehicle	0PJRO
Mirror	rs and mirror replacements	
	Without mirror package	0PKWV
	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		
	Seat covers, fabric, standard	0P2PQ
	Without driver's seat package	0PKXV
	Comfort driver's seat, air-sprung	0P2P2
	Without co-driver's seat package	0PKXU
	Co-driver's seat, not sprung, length and backrest adjustment	0P2OQ
	Indicator, seat belt, 1st row of seats, acoustic and visual	0P8L1
Drive	r'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 a	air-conditioning system	
	Air-conditioning system, manual	0P2NU
Bunk		
	Without bunk area	0PKFY
	nterior	ODOIC
	Colour scheme for interior styling, dark	0P2I6
_	Interior styling analogous to colour scheme	0PGBT
	Without driver's workplace package, Comfort	0PKXT
_	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 stowage and storage space package	0PKXS
	Grab handle, above door, internal, 2 units, 1 right and 1 left	0P2G2
Acce	essories and tools	
	Without accessories and tools package	0PKXA
	Vehicle toolkit	0P2TX
	No warning triangle	0P3FH
	Jack, 10,000 kg	0P3F7
Inte	lligent Truck	
Assi	stance 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
	Without MAN SafeStop Assist	0PLB5
Infota	ainment (radio,)	
	MMT infotainment system, Starter Basic	0P2M1
	MAN loudspeaker system	0P2MF
	No navigation map	0P2N2
Bod	lies/interfaces	
Inter	faces 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
	faces 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
	vorks bodies and interfaces to bodies (e.g. tipper indicator)	ODONA
	Interface for data exch. with body (customer-specific control module) and engine intermediate speed control (ZDR), front area of cab	0P2NA
PTO		
	~	



	Without fan wheel for PTO, gearbox-dependent	0P4VR	
	Preparation, electr., for subsequent installation of a shiftable PTO, gearbox-de	ependent 0P40I	
	Sector-specific parameterisation for refuse collector vehicles, side loaders (w control)	orking speed 0P4X8	
Tow	ing, recovery and lashing		
	Central coupling jaw, integrated in bumper/front cross member, with lock pin	0P1MK	
Paiı	ntworks		
Pain	twork, cab, top		
	Top coating, cab	0P6YB	
	twork, cab, bottom		
	Textured coating, step units	0P6X9	
	Textured coating, mudguard, behind cab	0P6YG	
	Textured coating, bumper, plastic	0P6YP	
	twork, chassis		
	Without additional top coating on chassis	0PJTK	
	Top coating, rims, steel, white-aluminium	0P6YL	
Col	our		
<u></u>		IRE WHITE RAL 9010	N
_	100 0000119, 000	112 111112 10 12 00 10	



Technical data: TGM 18.250 4x2 BB CH / L08DAA04

Cab: Compact CC cab Drive Type: 4x2 Lengths TD071 Total length TD063 Front vehicle overhang TD057 Wheelbase between front axles TD058 Wheelbase between leading axle and rear	mm 8447.0 1532.0		
Lengths TD071 Total length TD063 Front vehicle overhang TD057 Wheelbase between front axles	8447.0		
TD071 Total length TD063 Front vehicle overhang TD057 Wheelbase between front axles	8447.0		
TD071 Total length TD063 Front vehicle overhang TD057 Wheelbase between front axles			
TD063 Front vehicle overhang TD057 Wheelbase between front axles	1532 0		
	1002.0		
TD058 Wheelbase between leading axle and rear	0		
	0		
axle			
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,	976.0		
laden			
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			
Circle dimensions TD055 Track circle diameter	Error:		
	Error: 204		
TD055 Track circle diameter	204		
TD055 Track circle diameter TD056 Wall-to-wall turning circle diameter Weights/loads TD026 Chassis weight with cab	204 16.9		
TD055 Track circle diameter TD056 Wall-to-wall turning circle diameter Weights/loads	204 16.9 kg		

TD029	Payload	12425
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.