

Vehicle description for: TGM 18.290 4x2 BB CH



Illustration can deviate

Vehicle standards

Product family	The new MAN Truck Generation
Model & Variant	TGM 18.290 4x2 BB CH
MAN code	IPBTBYOI
Vehicle type	Vehicle type, platform truck and chassis (LK)
Cab	DN cab: the crew cab (narrow, extra long, normal height)
Main wheel distance	4425 mm
Overhang	2325 mm
Steering configuration	Left

Vertical Load

	National Registration	Technical Load
Gross weight	18,000 kg	18,300 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: Nigeria (NG)	0P3HT
<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, 110 km/h, electronic, engine speed regulation	0P2UE
<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"/> Registration documentation, international (COC)	0P3AQ
<input type="checkbox"/> Supplier declaration	0P3AU
<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"/> Special applications	0P6WS
<input type="checkbox"/> 130 Tanker vehicle, miscellaneous	0P2R8
<input type="checkbox"/> Temperate range, vehicle deployment, Mediterranean	0P0G8
<input type="checkbox"/> Case hardness of final drive Distribution	0P4F0

Horizontal and vertical loads

<input type="checkbox"/> 18,000 kg permitted gross load, vertical, nat. appr.	0P5PB
<input type="checkbox"/> 18,300 kg permitted gross load, vertical, tech.	0P5S6
<input type="checkbox"/> 18,300 kg permitted gross load, vertical, tech. Plus	0P8GS
<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

Notification texts

<input type="checkbox"/> Note: With increased permissible gross weight, increase in wear of driveline and reduced service life	0PFZP
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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, transverse, left	0P1BR
<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"/> 2 batteries, 12 V, 150 Ah, standard (SLI), maintenance free	0PHLB
<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, low	0P4HF
<input type="checkbox"/> AdBlue tank capacity 27 l, right	0P4CY
<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, provisionally mounted	0P1GR
<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"/> 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"/> 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), Offroad, with additional off-road logic	0P0BF
<input type="checkbox"/> Full brake assistant	0P0CM
<input type="checkbox"/> Engine brake, exhaust flap	0P0BU
<input type="checkbox"/> Disc brakes on front axle	0P119
<input type="checkbox"/> Disc brakes on rear axle	0P114
<input type="checkbox"/> Parking brake control, in instrument panel	0P3KG
<input type="checkbox"/> Parking brake with spring-type actuator on rear axles (incl. leading axle/ trailing axle)	0PGBL
<input type="checkbox"/> Parking brake, on front axle(s), pneumatic, additional, exhaustible	0P0C1
<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"/> Emergency braking signal, hazard light activation, automatic	0P0CG
<input type="checkbox"/> Acoust. Reversing warning system deactivatable when reverse gear selected	0P3CE
<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 LFL96, 213 kW (290 hp) output, 1,150 Nm torque, Euro 4	0P5ZH
<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"/> 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 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"/> 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 09.13 OD	0P5VE
<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 K	0PFW3
<input type="checkbox"/> Front axle tyres optionally 295/80R22.5 Steering-Road+Offroad TL (152/148 K)	0PEVA
<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"/> Rear axle tyres optionally 295/80R22.5 Drive-Road+Offroad TL (152/148 K)	0PDPD
<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"/> Tyre inflation hose, 20 m, with pressure gauge	0P1UA

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 = 5.29	0P0DC
<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"/> DN cab: the crew cab (narrow, extra long, normal height)	0P2DE
<input type="checkbox"/> Cab mount, Comfort	0P1V9
<input type="checkbox"/> Cab tilt mechanism, manual	0P1V6
<input type="checkbox"/> Tilting roof, mechanical	0P1VW
<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, LED	0P2BP
<input type="checkbox"/> Headlight beam regulator, manual	0P2AC
<input type="checkbox"/> Driving-light control, automatic, when engine is running	0P1ZD
<input type="checkbox"/> Contour lights, LED, 2 units	0P2BS
<input type="checkbox"/> Turn signal lights, sides, bulb	0P1Z6
<input type="checkbox"/> Horn, two-tone, electrical	0P1W1
<input type="checkbox"/> Preparation for revolving beacons (wiring)	0P2BF
<input type="checkbox"/> Revolving beacon on cab roof, right	0P2B2
<input type="checkbox"/> Preparation for loading area lighting	0P2A5

Mirrors and mirror replacements

<input type="checkbox"/> Exterior rear-view mirror, mechanically adjustable	0P2CC
<input type="checkbox"/> Mirror label, Arabic language	0P2CY
<input type="checkbox"/> Mirror housing, painted, cab colour	0P2CN
<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"/> Driver's seat, not sprung, length, height and backrest adjustment	0P2P8
<input type="checkbox"/> Co-driver's seat, not sprung, length, height and backrest adjustment	0P2OP
<input type="checkbox"/> Crew area without seats, slotted floor, for subsequent installation of seating options	0P2Q0
<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 mph	0P3L4
<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"/>	Preparation for radio with CB radio antenna on cab roof	0P2NK
<input type="checkbox"/>	Single DIN slots, 4 units, roof space, front	0P2FJ

Cab air-conditioning system

<input type="checkbox"/>	Heating/ventilation, manual	0P2NS
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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"/>	Interior light, central	0PHA6
<input type="checkbox"/>	Reading light, 1 unit, driver's side	0P2IQ
<input type="checkbox"/>	Entry lighting	0P2IO
<input type="checkbox"/>	Door interior cladding, washable	0P2IA
<input type="checkbox"/>	Storage, instrument panel in middle section, open	0P2HK
<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"/>	Jack, 10,000 kg	0P3F7
<input type="checkbox"/>	Vehicle toolkit	0P2TX
<input type="checkbox"/>	First aid kit	0P3F3
<input type="checkbox"/>	Warning triangle, 1 units	0P3FI

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"/>	Radio preparation, 12 V	0P2M4
<input type="checkbox"/>	Loudspeaker, door, 2 units, 1 left and 1 right	0P2ME
<input type="checkbox"/>	No navigation map	0P2N2
<input type="checkbox"/>	Italian additionally for display	0P2JX

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"/>	Without trailer/towing coupling on final cross member	0P1NQ
<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 for engine start/stop facility, at end of frame	0P0K7
<input type="checkbox"/> Interface for data exchange with body (customer-specific control module) and intermediate engine speed (ZDR), front area of cab and behind cab	0PHPE
<input type="checkbox"/> Interface for vehicle data (FMS)	0P2J3

PTOs

<input type="checkbox"/> Without fan wheel for PTO, gearbox-dependent	0P4VR
<input type="checkbox"/> Preparation, electr., for subsequent installation of a shiftable PTO, gearbox-dependent	0P4OI

Towing, recovery and lashing

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

Paintwork, cab, top

<input type="checkbox"/> Top coating, cab	0P6YB
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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, steel	0P6YQ

Paintwork, chassis

<input type="checkbox"/> Top coating, chassis	0P6YC
<input type="checkbox"/> Top coating, rims, steel, white-aluminium	0P6YL

Colour

<input type="checkbox"/> Top coating, chassis	GRAPHITE BLACK RAL 9011	W
<input type="checkbox"/> Top coating, cab	FLAME RED RAL 3000	N

Technical data: TGM 18.290 4x2 BB CH / L08DAA04

Vehicle type: Vehicle type, platform truck and chassis (LK)	
Cab: DN cab: the crew cab (narrow, extra long, normal height)	
Drive Type: 4x2	
Lengths	mm
TD071 Total length	8282.0
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	1604.0
TD067 Distance to kingpin from front axle, nominal position	-
TD074 Slew radius, front	-
TD075 Slew radius, rear	-
TD068 Coupling length	-
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	3031.0
TD082 Total transport height, unladen	3031.0
TD034 Maximum external height, laden	2960.0
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	Error: 204
TD048 Lowering from driving position, rear	Error: 204
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	Error: 204	
TD027 Chassis weight, front	---	
TD028 Chassis weight, rear	---	
TD029 Payload	---	
TD018 Statutorily permissible gross vehicle weight	18000	
TD025 Technically permissible gross vehicle weight	18300	
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.