

Vehicle description for: TGL 12.220 4x2 BL CH



Illustration can deviate

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Product family	The new MAN Truck Generation
Model & Variant	TGL 12.220 4x2 BL CH
Engine family	D08R4
Vehicle type	Vehicle type, platform truck and chassis (LK)
Cab	TN cab: the flexible one (narrow, long, normal height)
Main wheel distance	5200 mm
Overhang	2875 mm
Steering configuration	Left

Vertical Load

	National Registration	Technical Load	
Gross weight	11,990 kg	11,990 kg	
Front axle	4,480 kg	4,480 kg	
Rear axle	8,200 kg	8,480 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

-	Chassis	0P2U9
-]	Chassis class, light/medium	0P2UB
	Destination: Belarus (BY)	0P3J1
	Merchant tonnage 12 t	0P8LC
	Basic layout of vehicle, all-round	0PGCU
	Frame type, normal height	0P2TS
	Vehicle type, platform truck and chassis (LK)	0P2UQ
	Left-hand-drive	0P3AS
	Right-hand traffic	0P3F5
	Vehicle documentation in Russian	0P2LP
	Labelling in Russian	0P8NR
l	Cab position 480 mm (distance from frame lower edge to cab floor)	0РНВС
egis	stration	
	Vehicle approval, N2 class	0P3JP
	Maximum speed limiter, 89 km/h, tolerance +1 km/h, electronic, engine speed regulation	0P2UJ
	Maximum vehicle noise level, 78 dB in acc. with UN/ECE-R 51.02	0PINA
	Height over cab, unloaded up to 4,000 mm	0PHA1
	Vehicle classification in accordance with regulation (EU) 2018/858	0PKAW
	uments	
	Data confirmation for issue of German export registration number	0P2U6
	Without registration documentation, national	0P3B0
	Special confirmation, heavy load / municipal operation	0P3CK
ppli	ication scope / transport tasks	
l	Distribution transport, general cargo	0P6WA
	999 Miscellaneous vehicle	0P2S2
	Temperate range, vehicle deployment, moderate	0P0G7
l	Case hardness of final drive Distribution	0P4F0
	Oil sump for gradeability, up to 30%	0P4F3
	s, editions and packages	AD ITD
	Special request paintwork Without Individual Lies pookage	0PJTD
l	Without Individual Lion package	0PJT1
	zontal and vertical loads	
	11,990 kg permitted gross load, vertical, nat. appr.	0P5OL
	11,990 kg permitted gross load, vertical, tech.	0P5SE
	11,990 kg permitted gross load, vertical, tech. Plus	0P8F0
	4,480 kg permitted load on front axle, nat. appr.	0P5KF
	4,480 kg permitted load on front axle, tech.	0P5K9
l	4,480 kg permitted load on front axle, tech. Plus	0P8DH
l	8,200kg permitted load on rear axle NatZu	0PGTO
	8,480 kg permitted load on rear axle, tech.	0P5HY



_	8,480 kg permitted load on rear axle, tech. Plus	0P8AX
	0kN D value	0P8XD
otif	ication texts	
l	Without note (propshaft wear)	0PJRV
ha	ssis	
/ehi	cle frame (wheelbase, overhang,)	
3	Main wheelbase, 5,200 mm	0P3A6
3	Frame overhang, rear, 2,875 mm	0P3EB
3	Main frame side member thickness, 6 mm	0P0Y3
1	Vehicle rear, straight end of frame	0P0XT
xha	uust system, air intake	
3	Exhaust silencer, side, right	0P1BH
3	Exhaust tailpipe, towards middle of frame	0P1BT
1	Air intake, behind cab, raised	0P0AY
Batte	ery cases, batteries, alternator	
1	2 batteries, 12 V, 180 Ah, long-life (EFB), maintenance free	0PGB1
1	Three-phase alternator 28 V, 120 A, 3,360 W, Longlife Eco	0P1BW
1	Medium battery box, 2 batteries	0P0WU
1	Battery box, left	0P0WO
1	Main battery switch, mechanical	0P0WF
3	Safety cut-out	0P1V2
1	Lockable battery box, with padlock	0P0WL
ank	s and fuel line	
3	Fuel tank capacity 180 l, right	0P4E0
3	Fuel tank, right, steel	0P4GN
3	Tank cross-section, right, low	0P4HF
3	AdBlue tank capacity 35 l, right	0P4CZ
3	AdBlue tank, right, plastic	0P4HU
3	Fuel tank cap, lockable for master key system	0P4H5
3	Cap for AdBlue tank, lockable	0P4GE
1	Fuel pre-filter on the frame	0PKN2
	ne attachments	
3	Underride protection, front	0P1FN
1	Without working platform	0P0VH
1	Underride protection, at the side, not foldable	0PHCU
1	Spare wheel hoist on right side, behind rear axle	0P0XP
1	Without final cross member, frame	0P8O9
1	Underride protection, rear, round	0P1FD
	Wheel chock, 1 unit, with retaining device	0P1FO
]		



	Air compressor, 1-cylinder, 238 ccm	0P0AD	
	Air dryer, heated	0P0B2	
	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	0PHPM	
	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	
Light	s and acoustic signals on the chassis (rear lights,)		
	Rear lights	0P2AQ	
	Emergency braking signal, hazard light activation, automatic	0P0CG	
	Acoust. Reversing warning system when reverse gear selected	0P3CD	
	Light function test	0P2AD	
	Side marker lights, LED	0P2BJ	
	reline/running gear		
Engi	ne, radiator Diesel engine MAN D0834 LFL88, 162 kW (220 hp) output, 850 Nm torque, Euro 5	0P5YF	
		0PHIF	
	Fuel filter, heated, for fuels up to Cleanliness Class 21	0P0AU	
	Fuel pre-filter, with oil separator/water trap, heated	0P0G5	
	Without torque reduction	0P8PM	
	Ventilation, crankcase, closed		
	Anti-noise skirt, engine	0P2E7	
	Engine radiator Visco fan, high cooling output	0P0H0 0P4XX	
	Engine cooler, normal length		
	Engine oil dipstick and digital oil level gauge	0P0B6	
_	Antifreeze, down to -32 °C	0P0AK	
	Flame-start system	0P0GD	
Coo	they eluteh		
Geal	rbox, clutch Manually operated gearbox, MAN 06.08 OD	0P5VB	
_	Gearbox for normal percentage of overrun during driving operation	0PGDA	
_	Manual gearbox operation	0P3KK	
_	Single-disc clutch, 395 mm, dry	0P0DS	
_	Chigie discondini, coomin, dry	01 000	
	els, tyres	ODEWO	
_	Required tyre speed index J	0PFW2	
_	Front axle tyres optionally 245/70R17.5 Steering-Short-haul TL (136/134 L)	0PEOJ	
_	Rim type, front axle, steel, single-part	0P0P0	
	Rim size, front axle, 6-hole, 6.75x17.5	0P0NK	
	Wheel nut cover ring, front axle	0P0PR	



_	Describe times outlined 045/70D47 F Drive Level TL (400/4041)	ODD IE
_	Rear axle tyres optional 245/70R17.5 Drive-Local TL (136/134 L)	0PDJE
_	Rim type, rear axle, steel, single-part	0P000
	Rim size, rear axle, 6-hole, 6.75x17.5	0P0MX
	Spare wheel, in accordance with configuration for rear axle tyres	0P0MF
	Centring sleeves for rim mounting	0PHZW
Axle		
	4x2	0P3B1
	Steering ratio, standard	0P1JX
	Steering oil tank with electrical measuring sensor	0P1JV
	Front axle, 4,800 kg, not driven, cranked, steered, not liftable	0P5EN
	Mudguard, front axle	0P1AT
	Splash guard mat on mudguard, front axle, longer at bottom	0P1XS
	Rear axle, 8,700 kg, HY axle without drive shaft, straight, not steered, not liftable	0P4ZT
	Twin tyre on rear axle	0P1HN
	Mudguard, rear axle	0P1AI
	Splash guard mat on mudguard, rear axle, longer at bottom	0P1XK
	Axle ratio, i = 3.70	0P0D0
	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/air (BL)	0P2YC
	Control unit for electronically controlled air suspension (VASC)	0P3K9
	Leaf-spring suspension on front axle, parabolic, 1-leaf, steel	0P1JC
	Air suspension on rear axle	0P1J5
	Spring load-bearing capacity front axle 4,700 kg	0P5CT
	Spring load-bearing capacity of rear axle, 8,700 kg	0P5B5
	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		
Cab	and cab exterior	
	TN cab: the flexible one (narrow, long, normal height)	0P2DF
	Cab mount, Basic	0P1V8
	Cab tilt mechanism, manual	0P1V6
	Roof spoiler, 600 mm adjustment range	0P1X7
	Roof spoiler adjustment upon delivery, driving position	0P1X9
	Tilting roof, mechanical	0P1VW
	Bumper, plastic	0P1SD
	Front step, integrated, with grab option	0P1VE
	Windscreen, composite safety glass, tinted	0P1X0
_		



	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
Light	s and acoustic signals on cab exterior (headlights, horn,)	0PKWU
	Without light and headlight package	
	Front headlights, H7	0P1ZN 0P2BP
	Daytime driving lights, LED	
	Fog lights, H7	0P2AH
_	Cornering light, H7	0P1YF
_	Turn signal lights, sides, LED	0P1Z7
_	Headlight beam regulator, manual	0P2AC
	Driving-light control, manual	0P1ZF
	Contour lights, LED, 2 units	0P2BS
	Comfort indicator function, can be activated	0P1ZW
	Horn, two-tone, electrical	0P1W1
	Preparation for loading area lighting	0P2A5
	Without revolving beacons at the rear of the vehicle	0PJRO
Mirro	ors and mirror replacements	
	Without mirror package	0PKWV
	Exterior rear-view mirror, electrically adjustable	0P2CA
	Kerb mirror, right, electrically adjustable	0P2CG
	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
	-	
Seat	s	
	Seat covers, fabric, standard	0P2PQ
	Without driver's seat package	0PKXV
	Comfort driver's seat, air-sprung	0P2P2
	Driver's seat arm rests	0P2OE
	Without co-driver's seat package	0PKXU
	Co-driver's seat, not sprung, length and backrest adjustment	0P2OQ
Drive	er'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
_	Digital tachograph, MAN	0P2KR
_	Tachograph, calibrated	0P2KG
	• IF 7 ** * * * * * * * * * * * * * * * * *	



	Driving hours indicator, instrumentation	0P2MA
	Socket, cab centre, 2 units, 12 V and 24 V	0P2HX
	Plug-in ashtray, instrument panel in middle section, 1 unit	0P2FO
	Cigarette lighter	0P2IH
	Preparation for radio with CB radio antenna on cab roof	0P2NK
	Single DIN slots, 4 units, roof space, front	0P2FJ
	Without storage tray next to seat	0PJRS
Cab	air-conditioning system	
	Air-conditioning system, manual, with automatic air circulation and automatic defog function	0P2NV
	Auxiliary water heater 4 kW (night heater)	0P2O2
	area Dunk betters with eletted support	OD2CV
	Bunk, bottom, with slatted support	0P2GX
	Fabric cover for bottom bunk	0P2I5
_	Standard bed mattress, bottom, 90 mm	0P2GM
_	Shelf, left, at bottom bunk	0PFYL
_	Cross-cab curtain, rear seats	0P2GP
	Storage box, rear, left, accessible from outside with flap and from inside with suspended tray	0P2H1
	Storage box, rear, right, accessible from outside with flap and from inside with suspended tray	0P2H5
Coh	interior	
	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
	Roller blind for door windows, internal, mechanical, driver's side	0P2FH
	Carpet, on engine tunnel	0P2I9
	Without interior lighting package	0PKNF
	Interior light, central	0PHA6
	Reading light, 1 unit, driver's side	0P2IQ
	Entry lighting	0P2IO
	Entry handles, standard	0PHPK
	All-round curtain	0P2GS
	Door interior cladding, washable	0P2IA
	Without stowage and storage space package	0PKXS
	Storage, instrument panel in middle section, open	0P2HK
	Storage compartment, below the bunk, with bulkhead	0P2HH
	Grab handle, above door, internal, 2 units, 1 right and 1 left	0P2G2
Acce	ssories and tools	
	Without accessories and tools package	0PKXA
	Vehicle toolkit	0P2TX
	First aid kit	0P3F3
	Warning triangle, 1 units	0P3FI
	Window cleaning set	0P3CI
	Hazard warning light, 1 units, with continuous light function	0P3FF



□ Jack, 10,000 kg 0P3F7

Intelligent Truck

Assi	stance 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
	• •	
Infota	ainment (radio,)	
	MMT infotainment system, Starter Basic	0P2M1
	MAN loudspeaker system	0P2MF
	No navigation map	0P2N2
	Emergency call system eCall, (ERA-Glonass)	0P1TI
Bod	lies/interfaces	
	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
Inter	faces to trailer (e.g. trailer coupling, brake connections,)	
	Without trailer/towing coupling on final cross member	0P1NQ
	Preparation for towing coupling on final cross member	0P1SP
	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	vorks bodies and interfaces to bodies (e.g. tipper indicator)	
	Interface for data exch. with body (customer-specific control module) and engine intermediate	0P2NA
	speed control (ZDR), front area of cab	
	Interface for vehicle data (FMS)	0P2J3
	Console for auxiliary unit on the engine	0P0GP
PTO		0D4VD
	Without fan wheel for PTO, gearbox-dependent	0P4VR
	Sector-specific parameterisation, general	0P4X0
Ta '	as recovery and looking	
Iowi	ng, recovery and lashing Central coupling jaw, integrated in bumper/front cross member, with lock pin	0P1MK
_	Contral cooping jaw, integrated in pumpermont cross member, with lock pin	Of HAIR



Paintworks

Pair	twork, cab, top		
	Top coating, cab	0P6YB	
	Top coating, roof spoiler	0P6X3	
Pair	twork, cab, bottom		
	Textured coating, step units	0P6X9	
	Textured coating, mudguard, behind cab	0P6YG	
	Textured coating, bumper, plastic	0P6YP	
Pair	twork, chassis		
	Top coating, chassis	0P6YC	
	Top coating, rims, steel, white-aluminium	0P6YL	
Col	our		
	Top coating, chassis	GRAPHITE BLACK RAL 9011	W
	Top coating, cab	PURE WHITE RAL 9010	N
	Top coating, roof spoiler	PURE WHITE RAL 9010	Α



Technical data: TGL 12.220 4x2 BL CH / L14DAA10

Vehicle	type: Vehicle type, platform truck and chassis	(LK)
	N cab: the flexible one (narrow, long, normal he	eight)
Drive T	ype: 4x2	
Length	s	mm
TD071	Total length	9634.0
TD063	Front vehicle overhang	1407.0
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	2875.0
	Distance from first front axle to body	1065.0
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	962.0
TD010	Frame width at the rear	862.0
TD078	Frame profile	220 x 70
		x 6
Height		mm
	Maximum external height, unladen	3374.0
	Total transport height, unladen	3374.0
	Maximum external height, laden	3311.0
TD035	Frame height at theoretical rear wheelbase,	794.0
TD036	unladen Frame height at theoretical rear wheelbase,	774.0
10000	laden	774.0
	Raising from driving position, front	0.0
TD046	Lowering from driving position, front	0.0
	Raising from driving position, rear	100.0
	Lowering from driving position, rear	50.0
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	17.2
TD056	Wall-to-wall turning circle diameter	18.8
	s/loads	kg
TD026	Chassis weight with cab	4607.0

TD027 Chassis weight, front Chassis weight, rear

TD029 Payload

TD018	Statutorily permissible gross vehicle weight	11990
TD025	Technically permissible gross vehicle weight	11990
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.