

**VEHICLE DESCRIPTION *DELUXE*****P 300 KS****MAN TGL 8.190 4X2 BB CH****LIFETIME EXCELLENCE**

<b>Chassis with Cab</b>	
Basic vehicle Number	TRDLWIXX
Emission class	EURO 6D
Cab	Compact CC cab
wheelbase	3050 mm
Steering layout	left
Total weight	7490 Kg
Front axle	3600 Kg
Rear axle	5600 Kg



Equipment MAN TGL 8.190 4x2 BB CH		
<b>Basic characteristics</b>		
<b>Basic characteristics</b>		0P2U9
	Chassis	
	Chassis class, light/medium	0P2UB
	Destination: Germany (DE)	0P3GA
	Merchant tonnage 08 t	0P8LB
	Basic layout of vehicle, all-round	0PGCU
	Frame type, normal height	0P2TS
	Vehicle type, platform truck and chassis (LK)	0O2UQ
	Left-hand-drive	0P3AS
	Right-hand drive	0P3F5
	Vehicle documents in German	0P2L6
	Labelling in German	0P8NL
<b>Registration</b>		0P3JP
	Vehicle approval, N2 class	
	Maximum speed limiter, 89 km/h, tolerance +1 km/h, electronic, engine speed regulation	0P2UJ
	Maximum vehicle noise level, 76 dB in acc. with UN/ECE-R 51.03	0PGTE
	Height over cab, unloaded up to 4,000 mm	0PHA1
<b>Documents</b>		0P3AQ
	Registration documentation, international	
	European standard exhaust emission confirmation	0P2Q7
	L-plate and low-noise acceleration (in acc. With KDV 1967)	0P2E3
	Acceptance and TÜV (German technical inspectorate) certificate	OPHLD
<b>Application scope/transport tasks</b>		0P6WS
	Special applications	
	220 Skyliifter	0P2RR

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<b>Application scope/transport tasks</b>	Temperate range, vehicle deployment, moderate	0P0G7
	Case hardness of final drive Distribution	0P4F0
<b>Horizontal and vertical loads</b>	7,490 kg permitted gross load, vertical, nat. appr.	0P5NW
	7,490 kg permitted gross load, vertical, tech.	0P5RP
	7,490 kg permitted gross load, vertical, tech. Plus	0P8FB
	3,600 kg permitted load on front axle, nat. appr.	0P5J9
	3,600 kg permitted load on front axle, tech.	0P5K3
	3,600 kg permitted load on front axle, tech. Plus	0P8C7
	5,600 kg permitted load on rear axle NatZu	0P5GC
	5,600 kg permitted load on rear axle, tech.	0P5HO
	5,600 kg permitted load on rear axle, tech. Plus	0P8AI
	0kN D value	0P8XD
<b>Vehicle frame</b>	Main wheelbase, 3,050 mm	0P2YX
	Frame overhang, rear, 1,525 mm	0P3D6
	Main frame side member thickness, 4.5 mm	0P0Y2
	Vehicle rear, straight end of frame	0P0XT
	Top coating, chassis	0P6YC
<b>Exhaust system, air intake</b>	Exhaust silencer, side, right, offset to the rear	0P1BI
	Exhaust tailpipe, towards middle of frame	0P1BT
<b>Battery cases, batteries, alternator</b>	2 Battery, 12 V, 88 Ah, 2 units, maintenance free	0P0WC
	Three-phase alternator 28 V, 110 A, 3,080 W, LIN	0P1BY
	Small battery box, 2 batteries	0P0WS
	Battery box, left	0P0WO
	Main battery switch, mechanical	0P0WF

<b>Equipment MAN TGL 8.190 4x2 BB CH</b>		
<b>Battery cases, batteries, alternator</b>	Fuses	0P1V1
	Battery cable extension, 6 m	0P0WI
	Lockable battery box, without padlock	0P0WK
<b>Tanks and fuel line</b>	Fuel pre-filter, with oil separator/water trap, with water sensor, heated	0P4XP
	Fuel tank capacity 100 l, behind cab	0P8PQ
	Fuel tank, behind cab, on frame, provisionally fitted	0P8PO
	AdBlue tank capacity 10 l, right	0P4CW
	AdBlue tank, right, plastic	0P4HU
	Fuel tank cap, lockable, ventilated, for master key system	0P4H5
	Cap for AdBlue tank , lockable	0P4GE
	Transfer fuel tank, temporary fixing	0P1C5
<b>Frame attachments</b>	Without underride protection, front	0P1FM
	Without working platform	0P0VH
	Without underride protection, side	0P1FG
	Without underride protection, rear	0P1FB
	Wheel chock, 1 unit, with retaining device	0P1FO
	Loose body attachment bracket	0P0X4
<b>Pneumatic brakes</b>	Air compressor, single cylinder, 238 ccm, with economy system	0P4Y2
	Air dryer, heated	0P0B2
	Compressed-air treatment, pneumatically controlled	0P0AB
	Aluminium compressed-air tank	0P0XG
	Electronic brake system (EBS)	0P0BL

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<b>Pneumatic brakes</b>	Anti-lock braking system (ABS)	0P0BE
	Full brake assistant	0P0CM
	Engine brake, exhaust flap	0P0BU
	Disc brakes on front axle	0P1I9
	Disc brakes on rear axle	0P1I4
	Parking brake control, in instrument panel	0P3KG
	Parking brake with spring-type actuator on rear axles (incl. leading axle/ trailing axle)	0PGBL
	Parking brake, on front axle(s), pneumatic, additional, exhaustible	0P0C1
	MAN EasyStart immobiliser	0P1TF
<b>Lights and acoustic signals on the chassis</b>	Rear lights	0P2AQ
	Emergency braking signal, hazard light activation, automatic	0P0CG
	Reversing warning system, acoustic, deactivatable, adjustable volume, hazard warning light function	0P3CF
	Light function test	0P2AD
	Side marker lights, LED	0P2BJ
<b>Driveline/running gear</b>		
<b>Engine, radiator</b>	Diesel engine MAN D0834 LFLAF, 140 kW (190 hp) output, 750 Nm torque, Euro 6d	0P6AS
	Ventilation, crankcase, closed	0P8PM
	Fuel filter, heated, for fuels up to Cleanliness Class 21	0PHIF
	Fuel pre-filter, with oil separator/water trap, with water sensor, heated	0P4XP
	Anti-noise skirt, engine	0P2E7
	Engine cooler, normal length	0P4XX
	Engine oil dipstick and digital oil level gauge	0P0B6
	Antifreeze, down to -32 °C	0P0AK
	Flame-start system	0P0GD
	Stationary regeneration for catalytic converter, executable at any time, for light loads	0PGCM

Equipment MAN TGL 8.190 4x2 BB CH		
<b>Gearbox, clutch</b>	MAN TipMatic 06.08. OD	0P5VN
	Gearbox for normal percentage of overrun during driving operation	0PGDA
	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
<b>Wheels, tyres</b>	Required tyre speed index G	0PFWA
	Front axle tyres Goodyear 215/75R17.5 KMAX S Steering-Short-haul TL	0PENY
	Rim type, front axle, Alcoa LvL ONE	0PGTW
	Rim size, front axle, 6-hole, 6.75x17.5	0P0NK
	Wheel nut caps, front axle	0P0PS
	Rear axle tyres Goodyear 215/75R17.5 KMAX D Drive-Local TL	0PDIR
	Rim type, rear axle, Alcoa LvL ONE	0PGTU
	Rim size, rear axle, 6-hole, 6.75x17.5	0P0MX
<b>Axles</b>	4x2	0P3B1
	Steering ratio, standard	0P1JX
	Steering oil tank with dipstick	0P1JW
	Front axle, 4,800 kg, not driven, cranked, steered, not liftable	0P5EN
	Rear axle, 6,800 kg, HY axle without drive shaft, straight, not steered, not liftable	0P4ZR
	Mudguard, front axle	0P1AT
	Splash guard mat on mudguard, front axle, longer at botom	0P1XS
	Mudguard, rear axle	0P1AI
	Splash guard mat on mudguard, rear axle, longer at botom	0P1XK

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<b>Axles</b>	Twin tyre on rear axle	0P1HN
	Axle ratio, i=3.70	0P0D0
	Differential locks on driver rear axles	0P0DI
	Without differential locks, front axles	0P0DL
	Reduction in spray mist	0P3K3
<b>Axle control system and suspension</b>	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, 1-leaf, steel	0P4FX
	Spring load-bearing capacity front axle 3.800 kg	0P5CQ
	Spring load-bearing capacity of rear axle, 5,600 kg	0P5B0
	Shock absorbers on front axle for high centre of gravity	0P1M5
	Shock absorbers on rear axle for high centre of gravity	0P1LR
	Stabiliser, front axle	0P1LD
	Stabiliser, rear axle, for high centre of gravity	0P2W4
	Axle location system not as wisbone	0P6ZY
<b>Cab and cab exterior</b>	Top coating, cab	0P6YB
	Textured coating, bumper, plastic	0P6YP
	Textured coating, step units	0P6X9
	Textured coating, mudguard, behind cab	0P6YG
	Compact CC cab	0P2DK
	Cab mount, Basic	0P1V8
	No tiltin roof/sliding roof	0P1VY
	Cab tilt mechanism, manual	0P1V6
	Bumper, plastic	0P1SD
	Front step, integrated, with grab option	0P1VE
	Windscreen, composite safety glass, tinted	0P1X0



<b>Equipment MAN TGL 8.190 4x2 BB CH</b>		
<b>Cab and cab exterior</b>	No sunblind, in front of windscreen	0P1WJ
	Wiper system for windscreen	0P1WG
	Wiper activation, manual	0P1UL
	Step unit, rigid	0P1UZ
	Central locking, with remote control	0P1WR
	Vehicle key, 4 units	0P3JU
	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, with window	0P1VB
<b>Lights and acoustic signals on cab exterior</b>	Front headlights, H7	0P1ZN
	Daytime driving lights with rear lights, H7	0P2BQ
	Fog lights, H7	0P2AH
	Headlight beam regulator, manual	0P2AC
	Driving-light control, manual	0P1ZF
	Contour lights, bulb, 2 units	0P2BT
	Comfort indicator function, can be activated	0P1ZW
	Turn signal lights, sides, bulb	0P1Z6
	Horn, two-tone, electrical	0P1W1
	Preparation for loading area lighting	0P2A5
<b>Mirrors and mirror replacements</b>	Exterior rear-view mirror, electrically adjustable with manoeuvring aid	0P2CB
	Mirror housing, not painted	0P2CP
	Rear-view mirror arms, suitable for body width 2,500 mm to 2,600 mm	0P2CT

<b>Equipment MAN TGL 8.190 4x2 BB CH</b>		
<b>Mirrors and mirror replacements</b>		
	Kerb mirror, right, electrically adjustable	0P2CG
	Front mirror, mechanical adjustment	0P2CJ
	Preparation for rear-view camera, 2 units, one camera linked to reverse gear	0P2D3
<b>Seats</b>		
	Seat covers, fabric, standard	0P2PQ
	Comfort driver's seat, air-sprung, with lumbar support and shoulder adjustment	0P2P5
	Driver's seat heating	0P2PX
	Driver's seat arm rests	0P2OE
	Co-driver's seat, not sprung, with storage box	0P2OO
	Storage space, in seat bracket of co-driver's seat	0P2Q6
	Seat belt indicator, 1 <sup>st</sup> row of seats, acoustic and visual	0P8L1
<b>Driver's workplace</b>		
	Multi-function steering wheel, adjustable height and angle	0P2GD
	Steering wheel, with parking position	0P2GE
	Steering lock	0P3JZ
	Instrumentation, Basic km/h	0P3L3
	Tachograph, digital, with telecommunication (as per DSRC), CONTINENTAL	0P5DV
	Tachograph, calibrated	0P2KG
	Remote download for digital tachographs	0P2JJ
	Preparation for Toll Collect toll recording system	0P2MT
	Driving hours indicator, instrumentation	0P2MA
	Plug-in ashtray, instrument oanel in middle section, 1 unit	0P2FO
	Cigarette lighter	0P2IH
	Basic control field, inside of driver's door, with door open operated externally, 2 function buttons	0P3KB
	Single DIN slots, 4 units, roof space, front	0P2FJ

<b>Equipment MAN TGL 8.190 4x2 BB CH</b>		
<b>Cab air-conditioning system</b>	Heating/ventilation, manual	0P2NS
<b>Cab interior</b>	Colour scheme for interior styling, dark	0P2I6
	Interior styling analogous to colour scheme	0PGBT
	Windscreen roller blind, internal	0P2FE
	Interior light, central	0PHA6
	Reading light, 2 units, 1 on driver's side and 1 on co-driver's side	0P2IR
	Entry lighting	0P2IO
	Door interior cladding, washable	0P2IA
	Grab handle, above door, internal, 1 units, 1 right and 1 left	0P2G2
	Entry handles, standard	0PHPK
<b>Accessories and tools</b>	No jack	0P3F6
	Vehicle toolkit, reduced	0P2TZ
	Warning triangle, 1 units	0P3FI
	First aid kit	0P3F3
	Hazard warning light, 1 units, with continuous light function	0P3FF
<b>Intelligent Truck</b>		
<b>Assistance systems</b>	Electronic Stability Program (ESP)	0P1TN
	Anti-slip control (ASR)	0P1T2
	Tempomat (cruise control, CC)	0P1TR
	Road speed limiter, adjustable, limiter (engine speed regulation)	0P0C3
	Advanced Emergency Brake Assist (EBA)	0P1U3
	Lane Guard System (LGS)	0P1TT

<b>Equipment MAN TGL 8.190 4x2 BB CH</b>		
<b>Infotainment (radio)</b>	MMT infotainment system, Advanced Mid	0P2M0
	MAN Advanced sound system	0P2MH
	Europe and Russia navigation map	0P2MX
	Online traffic for navigation function	0P2N4
	MAN TeleMatics	0P2MO
	Smartphone integration	0P2NE
	Man app integration	0P2MC
	English additionally for display and MAN digital vehicle guide	0P2JQ
<b>Bodies/interfaces</b>		
<b>Interfaces to semitrailer</b>	Without trailer brake connection behind cab	0P1O3
	No fifth-wheel coupling	0P1RJ
<b>Interfaces to trailer</b>	Without trailer/towing coupling on final cross member	0P1NQ
	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
<b>Ex works bodies and interfaces to bodies</b>	Interface for data exch. with body (customer-specific control module) and engine intermediate speed control (ZDR), behind cab front panel	0P2NA
	Display of workshop data for body, control module for ext. data exchange (customer-specific control module) with body functions	0P2J3
<b>PTOs</b>	PTO, gearbox-dependent, type NH/6c, without flange, f=1.01, position approx. 3:30 o'clock	0P4PW
	PTO, gearbox-dependent, for short-time operation less than 60 min	0P4VK
	PTO, gearbox-dependent, shiftable	0P4X9

<b>Equipment MAN TGL 8.190 4x2 BB CH</b>		
<b>PTOs</b>	Function parameters for PTO, gearbox-dependent, stationary operation	0P4WO
	Gearbox shift blocking for PTO operation, electric/electronic	0P4VU
	Sector-specific parameterisation, general	0P4X0
<b>Towing, recovery and lashing</b>	Central coupling jaw, integrated in bumper/front cross member, with lock pin	0P1MK
<b>Tyres</b>		
<b>Front axle</b>	Front axle 2 215/75R17,5 KMAXS GOODYEAR 128 M	
<b>Rear axle</b>	Rear axle 4 215/75R17,5 KMAXD GOODYEAR 124 M	
<b>Colour</b>		
Top coating, cab	PURE WHITE RAL 9010	N
Top coating, chassis	GRAPHITE BLACK RAL 9011	W
<b>Note</b>	Execution according to order confirmation	

\*Technical changes and errors excepted