

VEHICLE DESCRIPTION**P 370 KS****MAN TGM 18.290 4X4 BB CH****LIFETIME EXCELLENCE**

Chassis with Cab	
Basic vehicle Number	B5E86IBT
Emission class	EURO 6D
Cab	Compact CC cab
wheelbase	3900 mm
Steering layout	left
Total weight	18000 Kg
Front axle	7500 Kg
Rear axle	11500 Kg



Equipment TGM 18.290 4x4 BB CH		
Vehicle characteristics		
Basic characteristics		
	Chassis	0P2U9
	Chassis class, light/medium	0P2UB
	Destination: Germany (DE)	0P3GA
	Merchant tonnage 18 t	0P8LF
	Basic layout of vehicle, all-round	0PGCU
	Frame type, normal height	0P2TP
	Vehicle type, platform truck and chassis (LK)	0P2UQ
	Left-hand-drive	0P3AS
	Right-hand drive	0P3F5
	Labelling in German	0P8NL
Registration		
	Vehicle approval, N3G class	0P3JS
	Maximum speed limiter, 89 km/h, tolerance +1 km/h, electronic, engine speed regulation	0P2UJ
	Maximum vehicle noise level, 81 dB in acc. with UN/ECE-R 51.03	0PGTB
	Height over cab, unloaded up to 4,000 mm	0PHA1
Documents		
	Registration documentation, national	0P3AZ
	European standard exhaust emission confirmation	0P2Q7
	Special confirmation, heavy load / municipal operation	0P3CK
	L-plate and low-noise acceleration (in acc. with KDV 1967)	0P2E3
Application scope / transport tasks		
	Special applications	0P6WS
	220 Skyfilter	0P2RR
	Temperate range, vehicle deployment, moderate	0P0G7
	Case hardness of final drive Distribution	0P4F0

Equipment TGM 18.290 4x4 BB CH		
Horizontal and vertical loads	18,000 kg permitted gross load, vertical, nat. appr.	0P5PB
	18,000 kg permitted gross load, vertical, tech.	0P5S4
	18,000 kg permitted gross load, vertical, tech. Plus	0P8GQ
	7,500 kg permitted load on front axle, nat. appr.	0P5KR
	7,500 kg permitted load on front axle, tech.	0P5LL
	7,500 kg permitted load on front axle, tech. Plus	0P8D1
	11,500 kg permitted load on rear axle NatZu	0P5G7
	11,500 kg permitted load on rear axle, tech.	0P5IJ
	11,500 kg permitted load on rear axle, tech. Plus	0P8BN
	0kN D value	0P8XD
Notification texts	Note: Restricted steerability with engaged differential lock on front axle 0PFZN	0PFZN
	Note: Max. 24,000 kg tech. permitted gross weight with engaged off-road reduction ratio in transfer case	0PFZR
	Note: Difference of more than 2% in FA/RA rolling circumference may lead to perceptible tension in the driveline.	0PHCX
Chassis		
Vehicle frame	Main wheelbase, 3,090 mm	0P2ZK
	Frame overhang, rear, 1,925 mm	0P3DG
	Main frame side member thickness, 4.5 mm	0P0Y6
	Vehicle rear, straight end of frame	0P0XT
Chassis		
Vehicle frame	Top coating, chassis	0P6YC
Exhaust system, air intake	Exhaust silencer, side, right	0P1BH
	Exhaust tailpipe, towards middle of frame	0P1BT
	Exhaust silencer cover (styling)	0PHCV

Equipment TGM 18.290 4x4 BB CH		
Battery cases, batteries, alternator	Battery, 12 V, 88 Ah, 2 units, maintenance free	0PHLB
	Three-phase alternator 28 V, 110 A, 3,080 W, LIN	0P1BZ
	Small battery box, 2 batteries	0P0WS
	Battery box, left	0P0WO
	Main battery switch, mechanical	0P0WF
	Fuses	0P1V1
	Battery cable extension, 6 m	0P0WI
	Lockable battery box, without padlock	0P0WK
Tanks and fuel line	Fuel tank capacity 150 l, right	0P4DZ
	Fuel tank, right, steel	0P4GN
	Tank cross-section, right, low	0P4HF
	Tanks, right, lower position	0P4HA
	AdBlue tank capacity 35 l, right	0P4CZ
	AdBlue tank, right, plastic	0P4HU
	Fuel tank cap, lockable, ventilated, for master key system	0P4H5
	Cap for AdBlue tank, lockable	0P4GE
Frame attachments	Without underride protection, front	0P1FM
	Without working platform	0P0VH
	Without underride protection, side, not foldable	0P1FG
	Final cross member, with hole pattern 140 x 80 mm	0P1SC
	Without underride protection, rear	0P1FB
	Wheel chock, 1 unit, with retaining device	0P1FO
	Loose body attachment bracket	0P0X4

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Pneumatic brakes, compressed-air generation, brake system	Air compressor, single cylinder, 238 ccm, with economy system	0P4Y2
	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
	Engine brake, exhaust flap	0P0BU
	Drum brakes on front axle	0P1IA
	Drum brakes on rear axle	0P1I5
	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
	Hill-climbing brake braking function	0P1TD
Lights and acoustic signals on the chassis		
	Rear lights	0P2AQ
	Emergency braking signal, hazard light activation, automatic	0P3CE
	Acoust. Reversing warning system, deactivatable, when reverse gear selected	0P0CG
	Light function test	0P2AD
	Side marker lights, LED	0P2BJ
Driveline/running gear		
Engine, radiator	Diesel engine MAN D0834 LFLAF, 118 kW (160 hp) output, 600 Nm torque, Euro 6d	0P6AV
	Fuel filter, heated, for fuels up to Cleanliness Class 21	0PHIF
	Fuel pre-filter, with oil separator/water trap, with water sensor, heated	0P4XP

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Driveline/running gear		
Engine, radiator	Ventilation, crankcase, closed	0P8PM
	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
	Lower radiator protection	0P1XE
Gearbox, clutch	MAN TipMatic 12.12 OD	0P5VP
	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
	MAN TipMatic Offroad gearbox shift strategy, up to 70,000 kg	0P0F4
	Transfer case MAN G102 with on-road and off-road gear	0P4XH
	Transfer case lock management, electronic (VSM)	0P0FU
	Single-disc clutch, 395 mm, dry	0P0DS
Wheels, tyres	Required tyre speed index G	0PFWA
	Front axle tyres Continental 315/80R22.5 HS3 Steering-Special TL	0PGKO
	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
	Tyres for rear axle, Continental 315/80R22.5 i_HYBRID HD3 drive-Special TL	0PGGJ
	Rim type, rear axle, steel, single-part	0P0OO

Equipment TGM 18.290 4x4 BB CH		
Wheels, tyres	Rim size, rear axle, 10-hole, 9.00x22.5	0P0MU
	Top coating, rims, steel, white-aluminium	0P6YL
Axles	4x4	0P3B2
	Steering ratio, standard	0P1JX
	Steering oil tank with dipstick	0P1JW
	Front axle, 9,000 kg, planetary axle without drive shaft, straight, steered, not liftable	0P5ES
	Front axle as planetary axle, driven engageable	0P1GY
	Mudguard, front axle	0P1AT
	Splash guard mat on mudguard, front axle, longer at bottom	0P1XS
	Rear axle, 13,000 kg, planetary axle without drive shaft, straight, not steered, not liftable	0P4ZN
	Twin tyre on rear axle	0P1HN
	Transfer mudguard, rear axle	0P1AQ
	Axle ratio, $i = 4.83$	0P0DA
	Differential locks on driven rear axles	0P0DI
	Differential locks on driven front axles	0P0DK
	Warning buzzer when front axle locks are engaged Oil for driven axles, mineral	0P0DQ
	Reduction in spray mist	0P3K3
Axle control system and suspencion	Suspension type for front axles and driven rear axles, leaf/leaf (BB)	0P2YB
	Leaf-spring suspension on front axle, parabolic, 2-leaf, steel	0P1JD
	Leaf-spring suspension on rear axle, parabolic, 3-leaf, steel	0P1J0

Equipment TGM 18.290 4x4 BB CH		
Axle control system and suspension	Spring load-bearing capacity front axle 7.500 kg	0P5CZ
	Spring load-bearing capacity of rear axle, 11.500 kg	0P5BT
	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 wishbone	0P6ZY
Cab and cab exterior	Top coating, cab	0P6YB
	Textured coating, bumper, plastic	0P6YQ
	Textured coating, step units	0P6X9
	Textured coating, mudguard, behind cab	0P6YG
	Compact CC cab	0P2DK
	Cab mount, Basic	0P1V8
	Cab tilt mechanism, manual	0P1V6
	No tilting roof/sliding roof	0P1VY
	Bumper, steel, 3 pieces	0P1SG
	Front step, integrated, with grab option	0P1VE
	Windscreen, composite safety glass, tinted	0P1X0
	No sunblind, in front of windscreen	0P1WJ
	Wiper system for windscreen	0P1WG
	Wiper activation, automatic, with rain sensor (automatic wipers)	0P1UM
	Step unit, hinged	0P1V0
	Central locking, with remote control	0P1WR
	Vehicle key, 4 units	0P3JU

Equipment TGM 18.290 4x4 BB CH		
Cab and cab exterior	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
Lights and acoustic signals on cab exterior	Front headlights, H7	0P1ZN
	Daytime driving lights, H7	0P2BP
	Fog lights, H7	0P2AH
	Headlight beam regulator, manual	0P2AC
	Assisted high-beam headlight 0P1ZH	0P1ZH
	Driving-light control, automatic, with light sensor 0P1ZE	0P1ZE
	Contour lights, bulb, 2 units 0P2BT	0P2BT
	Comfort indicator function, can be activated 0P1ZW	0P1ZW
	Turn signal lights, sides, bulb 0P1Z6	0P1Z6
	Turn signal lights for standard vehicle width 0P1Z9	0P1Z9
	Horn, two-tone, electrical	0P1W1
Mirrors and mirror replacements	Exterior rear-view mirror, electrically adjustable	0P2CB
	Mirror housing, not painted	0P2CP
	Rear-view mirror arms, suitable for body width 2,500 mm to 2,600 mm	0P2CT
	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

Equipment TGM 18.290 4x4 BB CH		
Seats	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
	Adjustment of seat belt height, driver's seat	0P4XQ
	Co-driver's seat, not sprung, with storage box	0P2OO
	Storage space, in seat bracket of co-driver's seat	0P2Q6
	Indicator, seat belt, 1st row of seats, acoustic and visual	0P8L1
Driver's workplace	Multi-function steering wheel, adjustable height and angle	0P2GD
	Steering wheel, with parking position	0P2GE
	Steering lock, with electronic immobiliser	0P3K0
	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
	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
	Standard control field, inside of driver's door, with open operated externally, 4 function buttons	0P3KE
	Single DIN slots, 4 units, roof space, front	0P2FJ

Equipment TGM 18.290 4x4 BB CH		
Cab air-conditioning system, climatronic	Air-conditioning system, Climatronic	0P2NT
Cab interior	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	0P2IR
	Entry lighting 0P2IO	0P2IO
	Door interior cladding, washable 0P2IA	0P2IA
	Stowage compartment, 2 units, cab rear wall, driver's side and centre 0P2EZ	0P2EZ
	Grab handle, above door, internal, 2 units, 1 right and 1 left 0P2G2	0P2G2
	Entry handles, standard	0PHPK
Accessoires and tools	No jack	0P3F6
	Vehicle toolkit	0P2TX
	Warning triangle, 1 units	0P3FI
	First aid kit	0P3F3
	Hazard warning light, 1 units, with continuous light function	0P3FF
Intelligent Truck		
Assistance systems	Electronic Stability Program (ESP)	0P1TN
	Anti-slip control (ASR) 0P1T2	0P1T2
	Tempomat (cruise control, CC) 0P1TR	0P1TR
	Road speed limiter, adjustable, limiter (engine speed regulation) 0P0C3	0P0C3
	Advanced Emergency Brake Assist (EBA) 0P1U3	0P1U3
	Lane Guard System (LGS) 0P1TT	0P1TT

Equipment TGM 18.290 4x4 BB CH		
Infotainment / Radio	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
Bodies/Interfaces		
Interfaces to semitrailer	Without trailer brake connection behind cab	0P1O3
	No fifth-wheel coupling	0P1RJ
Interfaces to semitrailer	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 works bodies and interfaces to bodies	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
PTOs	PTO, gearbox-dependent, type NM AS/10c, without flange, f=1.80, position approx. 2 o'clock	0P4RG
	PTO, gearbox-dependent, for short-time operation less than 60 min	0P4VK
	PTO, gearbox-dependent, shiftable	0P4X9
	Function parameters for PTO, gearbox-dependent, stationary operation	0P4WO

Equipment TGM 18.290 4x4 BB CH		
TOs	Gearbox shift blocking for PTO operation, electric/electronic	0P4VU
	Sector-specific parameterisation, general	0P4X0
Towing, recovering and lashing	Central coupling jaw, integrated in bumper/front cross member, with lock pin	0P1MK
	Shackles, 2 units, end of frame	0P1S2
Tyres		
Front axle	2 315/80R22,5 I-HYBHS3 CONTINENTAL 156 L(154M)	
Rear axle	4 315/80R22,5 I-HYBHD3 CONTINENTAL 150 L (-/150 M)	
colour		
Top coating, cab	PURE WHITE RAL 9010	N
Top coating, chassis	GRAPHITE BLACK RAL 9011	W
Note	Execution according to order confirmation	

*Technical changes and errors excepted