

Vehicle description for: TGL 8.160 4x2 BL CH



Illustration can deviate

Vehicle standards

Product family	The new MAN Truck Generation
Model & Variant	TGL 8.160 4x2 BL CH
MAN code	J5HO6HCF
Vehicle type	Vehicle type, platform truck and chassis (LK)
Cab	Compact CC cab
Main wheel distance	4200 mm
Overhang	2125 mm
Steering configuration	Left

Vertical Load

	National Registration	Technical Load	Technical Load Plus
Gross weight	8,600 kg	8,600 kg	8,600 kg
Front axle	3,400 kg	3,400 kg	3,400 kg
Rear axle	5,200 kg	5,200 kg	5,200 kg

Horizontal Load

	National Registration	Technical Load	Technical Load Plus
Gross train weight	0 kg	0 kg	0 kg

Vehicle characteristics

Basic characteristics

<input type="checkbox"/> Chassis	0P2U9
<input type="checkbox"/> Chassis class, light/medium	0P2UB
<input type="checkbox"/> Merchant tonnage 08 t	0P8LB
<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 Arabic	0P2L0
<input type="checkbox"/> Labelling in English	0P8NM
<input type="checkbox"/> Cab position 360 mm (distance from frame lower edge to cab floor)	0PHBB

Registration

<input type="checkbox"/> Vehicle approval, N2 class	0P3JP
<input type="checkbox"/> Maximum speed limiter, 85 km/h, electronic, engine speed regulation	0P2UI
<input type="checkbox"/> Maximum vehicle noise level, 78 dB in acc. with UN/ECE-R 51.02	0PINA
<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"/> Without registration documentation, national	0P3B0
---	-------

Application scope / transport tasks

<input type="checkbox"/> Vehicle version municipal/public service deployment	0P0H7
<input type="checkbox"/> Distribution transport, general cargo	0P6WA
<input type="checkbox"/> 060 Box body, universal	0P2QS
<input type="checkbox"/> Temperature range, vehicle deployment, warm country	0PHIB
<input type="checkbox"/> Case hardness of final drive Distribution	0P4F0
<input type="checkbox"/> Oil sump for gradeability, up to 30%	0P4F3
<input type="checkbox"/> Vehicle preservation for overseas transport	0P2UY

Lines, editions and packages

<input type="checkbox"/> Special request paintwork	0PJTD
<input type="checkbox"/> Without Individual Lion package	0PJT1

Horizontal and vertical loads

<input type="checkbox"/> 8,600 kg permitted gross load, vertical, nat. appr.	0P5N3
<input type="checkbox"/> 8,600 kg permitted gross load, vertical, tech.	0P5RW
<input type="checkbox"/> 8,600 kg permitted gross load, vertical, tech. Plus	0P8F1
<input type="checkbox"/> 3,400 kg permitted load on front axle, nat. appr.	0P5J7

<input type="checkbox"/>	3,400 kg permitted load on front axle, tech.	0P5K1
<input type="checkbox"/>	3,400 kg permitted load on front axle, tech. Plus	0P8C4
<input type="checkbox"/>	5,200 kg permitted load on rear axle NatZu	0P5GB
<input type="checkbox"/>	5,200 kg permitted load on rear axle, tech.	0P5HN
<input type="checkbox"/>	5,200 kg permitted load on rear axle, tech. Plus	0P8AH
<input type="checkbox"/>	0kN D value	0P8XD

Notification texts

<input type="checkbox"/>	Without note (propshaft wear)	0PJRV
--------------------------	-------------------------------	-------

Chassis

Vehicle frame (wheelbase, overhang, ...)

<input type="checkbox"/>	Main wheelbase, 4,200 mm	0P2ZQ
<input type="checkbox"/>	Frame overhang, rear, 2,125 mm	0P3DL
<input type="checkbox"/>	Main frame side member thickness, 4.5 mm	0P0Y2
<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, towards middle of frame	0P1BT
<input type="checkbox"/>	Air intake, behind cab, raised	0P0AY

Battery cases, batteries, alternator

<input type="checkbox"/>	Battery, 12 V, 88 Ah, 2 units, maintenance free	0P0WC
<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"/>	Fuses	0P1V1

Tanks and fuel line

<input type="checkbox"/>	Fuel tank capacity 150 l, right	0P4DZ
<input type="checkbox"/>	Fuel tank, right, steel	0P4GN
<input type="checkbox"/>	Tank cross-section, right, low	0P4HF
<input type="checkbox"/>	AdBlue tank capacity 35 l, right	0P4CZ
<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	0P4GD
<input type="checkbox"/>	Fuel pre-filter on the frame	0PKN2

Frame attachments

<input type="checkbox"/>	Without underride protection, front	0P1FM
<input type="checkbox"/>	Without working platform	0P0VH
<input type="checkbox"/>	Without underride protection, side	0P1FG
<input type="checkbox"/>	Spare wheel hoist on right side, behind rear axle	0P0XP
<input type="checkbox"/>	Final cross member, with hole pattern 140 x 80 mm	0P1SA
<input type="checkbox"/>	Underride protection, rear, round	0P1FD
<input type="checkbox"/>	Wheel chock, 1 unit, with retaining device	0P1FO

- Without body attachment brackets/thrust plates 0P0X6

Pneumatic brakes, compressed-air generation, brake system

- 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 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

Lights 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

Driveline/running gear

Engine, radiator

- Diesel engine MAN D0834 LFL92, 118 kW (160 hp) output, 600 Nm torque, Euro 4 0P5ZD
- Fuel filter, heated, for fuels up to Cleanliness Class 21 0PHIF
- 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 and digital oil level gauge 0P0B6
- Antifreeze, down to -32 °C 0P0AK
- Service product level indicator and intake system vacuum 0P3KT

Gearbox, 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, reinforced (LongLife) 0P0DV

Wheels, tyres

- Required tyre speed index K 0PFW3
- Front axle tyres Goodyear 225/75R17.5 KMAX S Steering-Short-haul TL 0PEO9
- Rim type, front axle, steel, single-part 0P0P0
- Rim size, front axle, 6-hole, 6.75x17.5 0P0NK

<input type="checkbox"/>	Wheel nut caps, front axle	0P0PS
<input type="checkbox"/>	Rear axle tyres Goodyear 225/75R17.5 KMAX D Drive-Local TL	0PDJ4
<input type="checkbox"/>	Rim type, rear axle, Alcoa LvL ONE	0PGTU
<input type="checkbox"/>	Rim size, rear axle, 6-hole, 6.75x17.5	0P0MX
<input type="checkbox"/>	Spare wheel, in accordance with configuration for front axle tyres	0P0MH
<input type="checkbox"/>	Centring sleeves for rim mounting	0PHZW

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, 4,800 kg, not driven, cranked, steered, not liftable	0P5EN
<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, 6,800 kg, HY axle without drive shaft, straight, not steered, not liftable	0P4ZR
<input type="checkbox"/>	Twin tyre on rear axle	0P1HN
<input type="checkbox"/>	Transfer mudguard, rear axle	0P1AQ
<input type="checkbox"/>	Axle ratio, $i = 3.70$	0P0D0
<input type="checkbox"/>	Without differential locks on rear axles	0P0DJ
<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/air (BL)	0P2YC
<input type="checkbox"/>	Control unit for electronically controlled air suspension (VASC)	0P3K9
<input type="checkbox"/>	Leaf-spring suspension on front axle, parabolic, 1-leaf, steel	0P1JC
<input type="checkbox"/>	Air suspension on rear axle	0P1J5
<input type="checkbox"/>	Spring load-bearing capacity front axle 3,400 kg	0P5CO
<input type="checkbox"/>	Spring load-bearing capacity of rear axle, 5,200 kg	0P5BZ
<input type="checkbox"/>	Shock absorbers on front axle for high centre of gravity	0P1M5
<input type="checkbox"/>	Shock absorbers on rear axle for high centre of gravity	0P1LR
<input type="checkbox"/>	Stabiliser, front axle	0P1LD
<input type="checkbox"/>	Stabiliser, rear axle, for high centre of gravity	0P2W4
<input type="checkbox"/>	Axle location system not as wishbone	0P6ZY
<input type="checkbox"/>	Without trailer air suspension control	0PHN2

Cab

Cab and cab exterior

<input type="checkbox"/>	Compact CC cab	0P2DK
<input type="checkbox"/>	Cab mount, Basic	0P1V8
<input type="checkbox"/>	Cab tilt mechanism, manual	0P1V6
<input type="checkbox"/>	No tilting roof/sliding roof	0P1VY
<input type="checkbox"/>	Bumper, plastic	0P1SD
<input type="checkbox"/>	Front step, integrated, with grab option	0P1VE
<input type="checkbox"/>	Windscreen, composite safety glass, tinted	0P1X0
<input type="checkbox"/>	No sunblind, in front of windscreen	0P1WJ
<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"/>	Door locking, manual	0P1WP
<input type="checkbox"/>	Vehicle key, 2 units	0P3JT
<input type="checkbox"/>	No door extension	0P1WW
<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"/>	Without light and headlight package	0PKWU
<input type="checkbox"/>	Front headlights, H7	0P1ZN
<input type="checkbox"/>	Daytime driving lights, LED	0P2BP
<input type="checkbox"/>	Headlight beam regulator, manual	0P2AC
<input type="checkbox"/>	Driving-light control, manual	0P1ZF
<input type="checkbox"/>	Contour lights, LED, 2 units	0P2BS
<input type="checkbox"/>	Turn signal lights, sides, bulb	0P1Z6
<input type="checkbox"/>	Horn, single-tone, electrical	0P1W0
<input type="checkbox"/>	Without revolving beacons at the rear of the vehicle	0PJRO

Mirrors and mirror replacements

<input type="checkbox"/>	Exterior rear-view mirror, mechanically adjustable	0P2CC
<input type="checkbox"/>	Mirror housing, not painted	0P2CP
<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
<input type="checkbox"/>	Without mirror package	0PKWV

Seats

<input type="checkbox"/>	Seat covers, fabric, standard	0P2PQ
<input type="checkbox"/>	Comfort driver's seat, air-sprung	0P2P2
<input type="checkbox"/>	Co-driver's seat, not sprung, length and backrest adjustment	0P2OQ
<input type="checkbox"/>	Seat belt indicator, driver's side, acoustic and visual	0P2NB
<input type="checkbox"/>	Without driver's seat package	0PKXV
<input type="checkbox"/>	Without co-driver's seat package	0PKXU

Driver's workplace

<input type="checkbox"/>	Steering wheel, adjustable height and angle	0P2GB
<input type="checkbox"/>	Steering wheel, with parking position	0P2GE
<input type="checkbox"/>	Steering lock	0P3JZ
<input type="checkbox"/>	Instrumentation, Basic km/h	0P3L3
<input type="checkbox"/>	Analogue tachograph, CONTINENTAL	0P2KW
<input type="checkbox"/>	Tachograph, calibrated	0P2KG
<input type="checkbox"/>	Preparation for Toll Collect toll recording system	0P2MT
<input type="checkbox"/>	Plug-in ashtray, instrument panel in middle section, 1 unit	0P2FO
<input type="checkbox"/>	Cigarette lighter	0P2IH
<input type="checkbox"/>	Single DIN slots, 4 units, roof space, front	0P2FJ
<input type="checkbox"/>	Without storage tray next to seat	0PJRS

Cab air-conditioning system

<input type="checkbox"/> Air-conditioning system, manual	0P2NU
<input type="checkbox"/> Pre-separator (cyclone filter) for interior air intake	0P2O7

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"/> Entry lighting	0P2IO
<input type="checkbox"/> Door interior cladding, washable	0P2IA
<input type="checkbox"/> Entry handles, standard	0PHPK
<input type="checkbox"/> Without driver's workplace package, Comfort	0PKXT
<input type="checkbox"/> Without interior lighting package	0PKNF
<input type="checkbox"/> Without stowage and storage space package	0PKXS

Accessories and tools

<input type="checkbox"/> Jack, 5,000 kg	0P3FA
<input type="checkbox"/> Without accessories and tools package	0PKXA
<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"/> Without advanced emergency braking system	0P1U5
<input type="checkbox"/> Without driving fitness detection system	0PHN5
<input type="checkbox"/> Without Front Detection	0PHNA
<input type="checkbox"/> Without traffic sign recognition	0PHNE
<input type="checkbox"/> Without Reversing Motion System	0PHNV
<input type="checkbox"/> Without distance warning system	0PKA0

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"/> English additionally for display	0P2JQ

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
<input type="checkbox"/> Without sensing of the fifth-wheel coupling	0PHN7

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"/>	Interface for data exchange with body (DIN), behind cab	0P2N8
<input type="checkbox"/>	Interface for vehicle data (FMS)	0P2J3

PTOs

<input type="checkbox"/>	PTO, gearbox-dependent, type NH/1c, without flange, f=0.53, position approx. 3:30 o'clock	0P4Q6
<input type="checkbox"/>	PTO, gearbox-dependent, continuous operation	0P4VJ
<input type="checkbox"/>	PTO, gearbox-dependent, shiftable	0P4X9
<input type="checkbox"/>	Without fan wheel for PTO, gearbox-dependent	0P4VR
<input type="checkbox"/>	Function parameters for PTO; gearbox-dependent, driving operation	0P4WP
<input type="checkbox"/>	Sector-specific parameterisation, general	0P4X0

Towing, recovery and lashing

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

Paintworks

Paintwork, cab, top

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

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, plastic	0P6YP

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	PURE WHITE RAL 9010	N

Technical data: TGL 8.160 4x2 BL CH / L12DAA05

Vehicle type: Vehicle type, platform truck and chassis (LK)
 Cab: Compact CC cab
 Drive Type: 4x2

TD025	Technically permissible gross vehicle weight	8600
TD031	Statorily permissible gross train weight	0
TD032	Statorily permissible trailer load	0

Lengths		mm
TD071	Total length	---
TD063	Front vehicle overhang	---
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	---
TD072	Distance from first front axle to body	---
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	---
TD001	Width over cab	---
Frame		mm
TD009	Frame width at front	---
TD010	Frame width at the rear	---
TD078	Frame profile	---
Heights		mm
TD033	Maximum external height, unladen	---
TD082	Total transport height, unladen	---
TD034	Maximum external height, laden	---
TD035	Frame height at theoretical rear wheelbase, unladen	---
TD036	Frame height at theoretical rear wheelbase, laden	---
TD045	Raising from driving position, front	---
TD046	Lowering from driving position, front	---
TD047	Raising from driving position, rear	---
TD048	Lowering from driving position, rear	---
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	---
TD056	Wall-to-wall turning circle diameter	---
Weights/loads		kg
TD026	Chassis weight with cab	---
TD027	Chassis weight, front	---
TD028	Chassis weight, rear	---
TD029	Payload	---
TD018	Statorily permissible gross vehicle weight	8600

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.