



Vehicle description for: TGS 41.400 8x4 BB CH



Vehicle standards

Product family	The new MAN Truck Generation
Model & Variant	TGS 41.400 8x4 BB CH
Vehicle type	Vehicle type Tipper (KI)
Cab	Local transport cab NN
Main wheel distance	2505 mm
Overhang	800 mm
Steering configuration	Left

Vertical Load

	National Registration	Technical Load
Gross weight	41,000 kg	41,000 kg
Front axle	8,000 kg	8,000 kg
Front axle 2	8,000 kg	8,000 kg
Rear axle	13,000 kg	13,000 kg
Rear axle 2	13,000 kg	13,000 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

☐	Chassis	0P2U9
☐	Chassis class, heavy	0P2UC
☐	Destination Togo (TG)	0PGB2
☐	Merchant tonnage 41 t	0P8LN
☐	Basic layout of vehicle, all-round rugged	0PGCV
☐	Frame type, medium-high	0P2TQ
☐	Vehicle type Tipper (KI)	0P2UN
☐	Left-hand-drive	0P3AS
☐	Right-hand traffic	0P3F5
☐	Vehicle documents in English	0P2L7
☐	Labelling in English	0P8NM
☐	Cab position 640 mm (distance from frame lower edge to cab floor)	0PHBE

Registration

☐	Vehicle approval, N3G class	0P3JS
☐	Maximum speed limiter, 85 km/h, electronic, engine speed regulation	0P2UI
☐	Maximum vehicle noise level, 82 dB in acc. with UN/ECE-R 51.02	0PIND
☐	Maximum vehicle width of 2,500 mm checked with respect to relevant chassis components	0PIOJ
☐	Vehicle classification in accordance with regulation (EU) 2018/858	0PKAW

Documents

☐	Without registration documentation, national	0P3B0
☐	Special confirmation, heavy load / municipal operation	0P3CK

Application scope / transport tasks

☐	Construction	0P6WH
☐	Increase of the tyre load capacity by 10% (for communal supplement)	0P0UU
☐	022 Tipper, rear	0P2QH
☐	Temperature range, vehicle deployment, warm country	0PHIB
☐	Case hardness of final drive Distribution	0P4F0

Horizontal and vertical loads

☐	41,000 kg permitted gross load, vertical, nat. appr.	0P5RD
☐	41,000 kg permitted gross load, vertical, tech.	0P5UY
☐	41,000 kg permitted gross load, vertical, tech. Plus	0P8IN
☐	8,000 kg permitted load on front axle, nat. appr.	0P5KT
☐	8,000 kg permitted load on front axle, tech.	0P5LN
☐	8,500 kg permitted load on front axle, tech. Plus	0P8D8
☐	8,000 kg permitted load on 2nd front axle NatZu	0P5F1
☐	8,000 kg permitted load on 2nd front axle, tech.	0P5NM
☐	8,500 kg permitted load on 2nd front axle, tech. Plus	0P7T0
☐	13,000 kg permitted load on rear axle NatZu	0P5HC
☐	13,000 kg permitted load on rear axle, tech.	0P5IO
☐	13,000 kg permitted load on rear axle, tech. Plus	0P8BY
☐	13,000 kg permitted load on 2nd rear axle NatZu	0P5FM



☐	13,000 kg permitted load on 2nd rear axle, tech.	0P5M9
☐	13,000 kg permitted load on 2nd rear axle, tech. Plus	0P7TJ
☐	0kN D value	0P8XD

Chassis

Vehicle frame (wheelbase, overhang, ...)

☐	Main wheelbase, 2,505 mm	0P2YQ
☐	Wheelbase between front axles, 1,795 mm	0P3C1
☐	Wheelbase between rear axles, 1,400 mm	0P3BX
☐	Frame overhang, rear, 800 mm	0P3EU
☐	Main frame side member thickness, 9.5 mm	0P0Y7
☐	Vehicle rear, straight end of frame	0P0XT

Exhaust system, air intake

☐	Exhaust silencer, side, right	0P1BH
☐	Exhaust tailpipe, towards middle of frame	0P1BT
☐	Air intake, behind cab, raised	0P0AY

Battery cases, batteries, alternator

☐	Battery, 12 V, 175 Ah, 2 units, maintenance free	0P0WA
☐	Alternator, Basic	0P1BV
☐	Medium battery box, 2 batteries	0P0WU
☐	Battery box, left	0P0WO
☐	Main battery switch, mechanical	0P0WF
☐	Fuses	0P1V1

Tanks and fuel line

☐	Guard plate for tanks	0P1DL
☐	Fuel tank capacity 300 l, right	0P4E8
☐	Fuel tank, right, steel	0P4GN
☐	Tank cross-section, right, low	0P4HF
☐	Fuel tank cap, lockable	0P4H7

Frame attachments

☐	Without underride protection, front	0P1FM
☐	Without working platform	0P0VH
☐	Without underride protection, side	0P1FG
☐	Spare wheel, provisionally mounted	0P1GR
☐	Final cross member, with hole pattern 160 x 100 mm	0P1SB
☐	Underride protection, rear, round	0P1FD
☐	Wheel chock, one unit, without retaining device, delivered loose	0P6WW
☐	Body attachment bracket for tipper body, MEILLER, for vehicle chassis	0P0X3

Pneumatic brakes, compressed-air generation, brake system

☐	Air compressor, 1-cylinder, 360 ccm	0P0AF
☐	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
☐	MAN EVB high-performance engine brake	0P0BV
☐	Drum brakes on front axle	0P1IA
☐	Drum brakes on 2nd front axle	0P1IJ
☐	Drum brakes on rear axle	0P1I5
☐	Drum brakes on 2nd rear axle	0P1IF
☐	Parking brake control, next to driver's seat	0P3KH
☐	Parking brake with spring-type actuator on rear axles (incl. leading axle/ trailing axle)	0PGBL
☐	MAN EasyStart immobiliser	0P1TF

Lights and acoustic signals on the chassis (rear lights, ...)

☐	Rear lights	0P2AQ
☐	Stone protection, for rear lights, guard, wide mesh	0P2AT
☐	Acoust. Reversing warning system when reverse gear selected	0P3CD
☐	Light function test	0P2AD
☐	Side marker lights, LED	0P2BJ

Driveline/running gear

Engine, radiator

☐	Diesel engine MAN D2066 LF06, 294 kW (400 hp) output, 1,900 Nm torque, Euro 2	0P6BR
☐	Fuel filter, for fuels up to Cleanliness Class 25	0PHII
☐	Fuel pre-filter, with oil separator/water trap	0P0AT
☐	Without torque reduction	0P0G5
☐	Ventilation, crankcase, closed	0P8PM
☐	Anti-noise skirt, engine	0P2E7
☐	Fan control for start of cooling with low coolant temperature (e.g. hot country)	0P0K5
☐	Reduction of dust swirl through radiator fan	0P1YE
☐	Engine cooler, normal length	0P4XX
☐	Radiator protection, lower	0P1XE
☐	Front radiator protection, grille	0P1VP
☐	Engine oil dipstick	0P0B5
☐	Warning message for engine coolant level, with advance warning	0P0KA
☐	Antifreeze, down to -32 °C	0P0AK

Gearbox, clutch

☐	MAN TipMatic 12.28 OD	0P5VW
☐	Gearbox for increased percentage of overrun during driving operation	0PGCL
☐	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
☐	MAN TipMatic Manoeuvre driving program, manoeuvring feature	0P0FI
☐	Single-disc clutch, 430 mm, dry, reinforced (LongLife)	0P0DW
☐	Driveline propshaft, reinforced	0P0E2
☐	Propshaft, 2nd rear axle, reinforced	0PGCF



Wheels, tyres

- ❑

Required tyre speed index J

0PFW2
- ❑

Front axle tyres Bridgestone 315/80R22.5 M-STEER 001 Steering-Road+Offroad TL

0PEYF



❑

Product Information Sheet

Delegated Regulation (EU) 2020/740	
Supplier name or trademark	BRIDGESTONE
Commercial name or trade designation	M-STEER 001
Tyre type identifier	8697
Tyre size designation	315/80 R22.5
Load-capacity index	156
Load-capacity index (Load index for Dual mounting)	150
Speed category symbol	K
Fuel efficiency class	C
Wet grip class	B
External rolling noise class	A
External rolling noise value	69 dB
Severe snow tyre	Yes
Date of start of production	14/16
Date of end of production	-
Additional information	
Load-capacity index (Single load index for Additional Service Description)	
Load-capacity index (Dual load index for Additional Service Description)	
Speed category symbol (for Additional Service Description)	

- ❑

Rim type, front axle, steel, single-part

0P0P0
- ❑

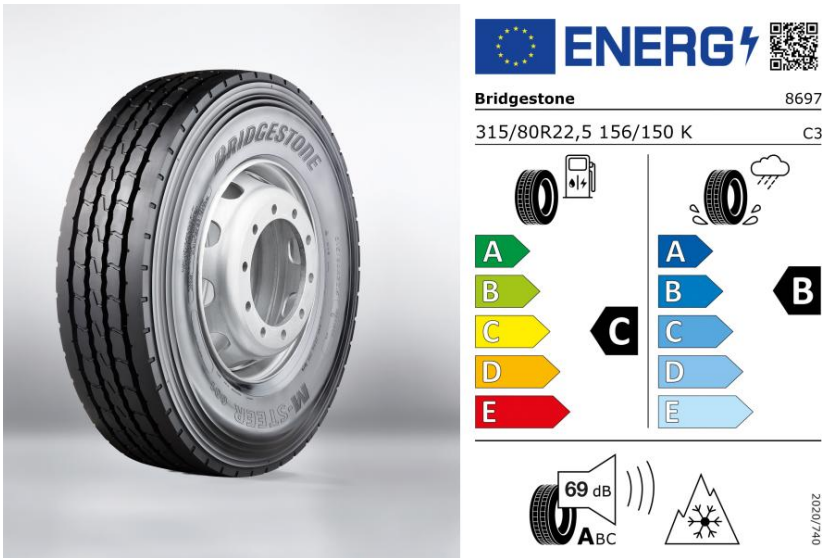
Rim size, front axle, 10-hole, 9.00x22.5

0P0N1



□ Tyres 2nd front axle Bridgestone 315/80R22.5 M-STEER 001 steer S+G TL

0PFJ9



□

Product Information Sheet

Delegated Regulation (EU) 2020/740	
Supplier name or trademark	BRIDGESTONE
Commercial name or trade designation	M-STEER 001
Tyre type identifier	8697
Tyre size designation	315/80 R22.5
Load-capacity index	156
Load-capacity index (Load index for Dual mounting)	150
Speed category symbol	K
Fuel efficiency class	C
Wet grip class	B
External rolling noise class	A
External rolling noise value	69 dB
Severe snow tyre	Yes
Date of start of production	14/16
Date of end of production	-
Additional information	
Load-capacity index (Single load index for Additional Service Description)	
Load-capacity index (Dual load index for Additional Service Description)	
Speed category symbol (for Additional Service Description)	

□ Rim type, 2nd front axle, steel, 1-part

0P0PF

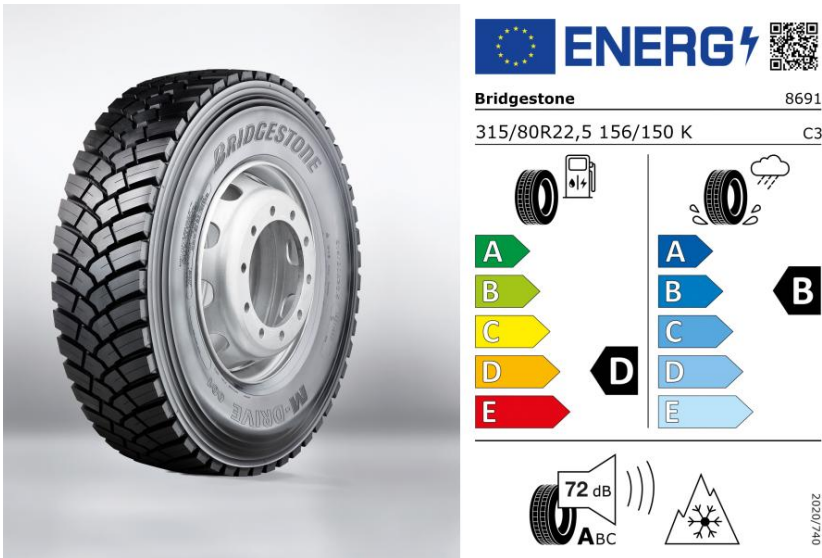
□ Rim size, 2nd front axle, 10-hole, 9.00x22.5

0P0OH



□ Rear axle tyres Bridgestone 315/80R22.5 M-DRIVE 001 Drive-S+G TL

0PDT9



□

Product Information Sheet

Delegated Regulation (EU) 2020/740	
Supplier name or trademark	BRIDGESTONE
Commercial name or trade designation	M-DRIVE 001
Tyre type identifier	8691
Tyre size designation	315/80 R22.5
Load-capacity index	156
Load-capacity index (Load index for Dual mounting)	150
Speed category symbol	K
Fuel efficiency class	D
Wet grip class	B
External rolling noise class	A
External rolling noise value	72 dB
Severe snow tyre	Yes
Date of start of production	14/16
Date of end of production	-
Additional information	
Load-capacity index (Single load index for Additional Service Description)	
Load-capacity index (Dual load index for Additional Service Description)	
Speed category symbol (for Additional Service Description)	

□ Rim type, rear axle, steel, single-part

0P000

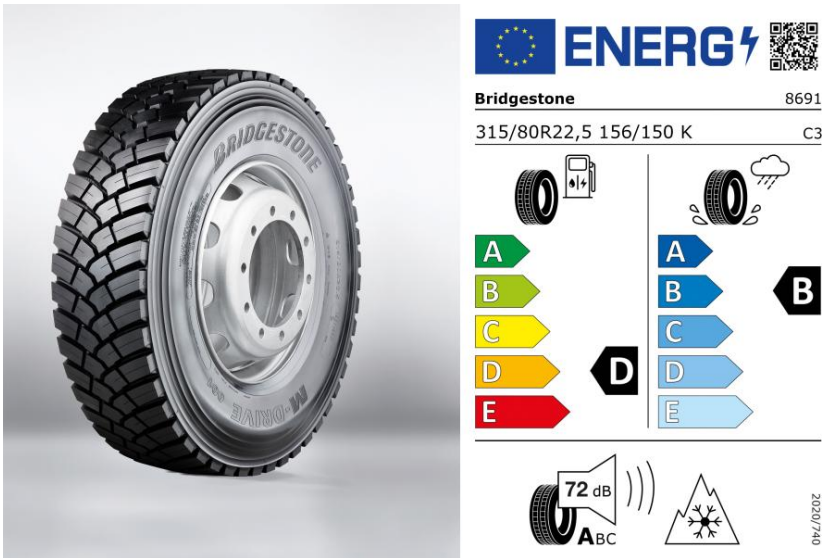
□ Rim size, rear axle, 10-hole, 9.00x22.5

0P0MU



- Tyres for 2nd rear axle Bridgestone 315/80R22.5 M-DRIVE 001 Drive-Road+Offroad TL

0PEB9



□

Product Information Sheet

Delegated Regulation (EU) 2020/740	
Supplier name or trademark	BRIDGESTONE
Commercial name or trade designation	M-DRIVE 001
Tyre type identifier	8691
Tyre size designation	315/80 R22.5
Load-capacity index	156
Load-capacity index (Load index for Dual mounting)	150
Speed category symbol	K
Fuel efficiency class	D
Wet grip class	B
External rolling noise class	A
External rolling noise value	72 dB
Severe snow tyre	Yes
Date of start of production	14/16
Date of end of production	-
Additional information	
Load-capacity index (Single load index for Additional Service Description)	
Load-capacity index (Dual load index for Additional Service Description)	
Speed category symbol (for Additional Service Description)	

- Rim type, 2nd rear axle, steel, single-part
- Rim size, 2nd rear axle, 10-hole, 9.00x22.5
- Spare wheel, in accordance with configuration for front axle tyres

0P0PA
0P0O7
0P0MH

Axles

- 8x4
- Steering ratio, standard
- Steering oil tank with electrical measuring sensor
- Front axle, 9,200 kg, not driven, straight, steered, not liftable
- Mudguard, front axle
- 2nd front axle, 9,200 kg, not driven, straight, steered, not liftable
- Mudguard, 2nd front axle, removable upper shell
- Splash guard flaps on mudguard, 2nd front axle
- Rear axle, 13,000 kg, planetary axle with drive shaft, straight, not steered, not liftable
- Twin tyre on rear axle

0P3BI
0P1JX
0P1JV
0P5EX
0P1AT
0P4ZH
0P1B8
0P1Y2
0P4ZM
0P1HN



☐	Transfer mudguard, rear axle	0P1AQ
☐	2nd rear axle, 13,000 kg, planetary axle without drive shaft, straight, not steered, not liftable	0P4Y7
☐	Twin tyre on 2nd rear axle	0P1HW
☐	Transfer mudguard, 2nd rear axle	0P1B6
☐	Axle ratio, $i = 4.00$	0P0D2
☐	Differential locks on driven rear axles	0P0DI
☐	Without differential locks, front axles	0P0DL
☐	Emergency steering pump	0P1KO

Axle control system and suspension

☐	Suspension type for front axles and driven rear axles, leaf/leaf (BB)	0P2YB
☐	Leaf-spring suspension on front axle, parabolic, 4-leaf, steel	0P1JF
☐	Leaf-spring suspension on 2nd front axle, parabolic, 4-leaf, steel	0P1JT
☐	Leaf-spring suspension on rear axle, parabolic, 5-leaf, steel	0P1J2
☐	Leaf-spring suspension on 2nd rear axle, parabolic, 5-leaf, steel	0P1JL
☐	Spring load-bearing capacity front axle 9,500 kg	0P5C4
☐	Spring load-bearing capacity of 2nd front axle, 9,500 kg	0P5DF
☐	Spring load-bearing capacity of rear axle, 16,000 kg	0P5BW
☐	Spring load-bearing capacity of 2nd rear axle, 16,000 kg	0P5C8
☐	Shock absorbers on front axle	0P1M4
☐	Shock absorbers on 2nd front axle	0P1ME
☐	Shock absorbers on rear axle	0P1LQ
☐	Shock absorbers on 2nd rear axle	0P1M9
☐	Stabiliser, front axle	0P1LD
☐	Stabiliser, rear axle	0P1LA
☐	Stabiliser, 2nd rear axle	0P1LH
☐	Wishbone, reinforced	0P6ZS

Cab

Cab and cab exterior

☐	Local transport cab NN	0P2DL
☐	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
☐	Sunblind, in front of windscreen	0P1WK
☐	Wiper system for windscreen	0P1WG
☐	Wiper activation, manual	0P1UL
☐	Step unit, hinged	0P1V0
☐	Central locking, no remote control	0P1WS
☐	Vehicle key, 2 units	0P3JT
☐	No door extension	0P1WV
☐	Door labelling, according to maximum technically permitted overall vehicle weight	0P2DO
☐	Door windows, tinted	0P1WO
☐	Door window, safety glass	0P1WM



- | | |
|---|-------|
| ☐ Cab rear wall, no window | 0P1VD |
|---|-------|

Lights and acoustic signals on cab exterior (headlights, horn, ...)

- | | |
|---|-------|
| ☐ Front headlights, H7 | 0P1ZN |
| ☐ Stone protection guard for front headlights, wide and fine mesh | 0PICD |
| ☐ Daytime driving lights, H7 | 0P2BN |
| ☐ Headlight beam regulator, manual | 0P2AC |
| ☐ Driving-light control, manual | 0P1ZF |
| ☐ Contour lights, bulb, 2 units | 0P2BT |
| ☐ Turn signal lights, sides, bulb | 0P1Z6 |
| ☐ Horn, two-tone, electrical | 0P1W1 |
| ☐ Revolving beacons, LED, yellow (individual LEDs light up in cascades, revolving) | 0P2BD |
| ☐ 2 revolving beacons on cab roof, 1 right and 1 left | 0P2B3 |

Mirrors and mirror replacements

- | | |
|---|-------|
| ☐ Exterior rear-view mirror, mechanically adjustable | 0P2CC |
| ☐ Mirror housing, not painted | 0P2CP |
| ☐ Vehicle components, suitable for body width larger than 2,400 mm to 2,600 mm | 0P2CT |
| ☐ Kerb mirror, right, mechanically adjustable | 0P2CH |
| ☐ Front mirror, mechanical adjustment | 0P2CJ |

Seats

- | | |
|---|-------|
| ☐ Seat covers, fabric, standard | 0P2PQ |
| ☐ Comfort driver's seat, air-sprung | 0P2P2 |
| ☐ Co-driver's seat, not sprung, with storage box | 0P2OO |
| ☐ Storage space, in seat bracket of co-driver's seat | 0P2Q6 |

Driver's workplace

- | | |
|--|-------|
| ☐ Steering wheel, adjustable height and angle | 0P2GB |
| ☐ Steering wheel, with parking position | 0P2GE |
| ☐ Steering lock | 0P3JZ |
| ☐ Instrumentation, Basic km/h | 0P3L3 |
| ☐ Tachograph Simulation Unit (TSU), instead of tachograph | 0P2KY |
| ☐ Tachograph, calibrated | 0P2KG |
| ☐ Stowage compartment, open with two USB sockets, 5 V, charging only, to the right of climate control panel | 0PGT7 |
| ☐ Cigarette lighter | 0P2IH |
| ☐ Single DIN slots, 4 units, roof space, front | 0P2FJ |

Cab air-conditioning system

- | | |
|--|-------|
| ☐ Air-conditioning system, manual | 0P2NU |
|--|-------|

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 |
| ☐ Entry lighting | 0P2IO |
| ☐ Door interior cladding, washable | 0P2IA |
| ☐ Storage, instrument panel in middle section, open | 0P2HK |



☐	Storage box, cab rear wall, 2 units, behind driver's and co-driver's sides	0P2F2
☐	Grab handle, above door, internal, 2 units, 1 right and 1 left	0P2G2
☐	Entry handles, standard	0PHPK

Accessories and tools

☐	Compressed-air connection, cab	0P2FL
☐	Jack, 12,000 kg	0P3F8
☐	Vehicle toolkit	0P2TX
☐	No warning triangle	0P3FH

Intelligent Truck

Assistance systems

☐	Without advanced emergency braking system	0P1U5
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Infotainment (radio,...)

☐	MMT infotainment system, Starter Basic	0P2M1
☐	MAN loudspeaker system	0P2MF
☐	No navigation map	0P2N2
☐	French additionally for display	0P2JT

Bodies/interfaces

Interfaces to semitrailer (e.g. fifth-wheel coupling, brake connection,...)

☐	Without trailer brake connection behind cab	0P1O3
☐	No fifth-wheel coupling	0P1RJ

Interfaces to trailer (e.g. trailer coupling, brake connections,...)

☐	Towing coupling at final cross member, ROCKINGER SK5	0P1MZ
☐	Towing coupling on final cross member	0P1SH
☐	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 (e.g. tipper indicator...)

☐	Interface for data exchange with body (DIN), behind cab	0P2N8
☐	Tipper indicator, cab (symbols)	0P2M5
☐	Operating device for tipper hydraulics, cab	0P3KN

PTOs

☐	PTO, gearbox-dependent, type NH/4c, without flange, f=0.88/1.14, position approx. 2:30 o'clock	0P4QS
☐	PTO, gearbox-dependent, for short-time operation less than 60 min	0P4VK
☐	PTO, gearbox-dependent, shiftable	0P4X9
☐	Without fan wheel for PTO, gearbox-dependent	0P4VR
☐	Function parameters for PTO; gearbox-dependent, driving operation	0P4WP
☐	Sector-specific parameterisation, general	0P4X0

Towing, recovery and lashing



- ☐ Central coupling jaw, integrated in bumper/front cross member, with lock pin
- 0P1MK

Paintworks

Paintwork, cab, top

- ☐ Top coating, cab
- 0P6YB

Paintwork, cab, bottom

- ☐ Textured coating, step units
- 0P6X9
- ☐ Textured coating, mudguard, behind cab
- 0P6YG
- ☐ Textured coating, bumper, steel
- 0P6YQ

Paintwork, chassis

- ☐ Top coating, chassis
- 0P6YC
- ☐ Top coating, rims, steel, white-aluminium
- 0P6YL

Colour

- ☐ Top coating, chassis
- GRAPHITE BLACK RAL 9011
- W
- ☐ Top coating, cab
- PURE WHITE RAL 9010
- N



Technical data: TGS 41.400 8x4 BB CH / L39EAA05

Vehicle type: Vehicle type Tipper (KI)

Cab: Local transport cab NN

Drive Type: 8x4

Lengths		mm
TD071	Total length	8345.0
TD063	Front vehicle overhang	1475.0
TD057	Wheelbase between front axles	1795
TD058	Wheelbase between leading axle and rear axle	0
TD059	Wheelbase between rear axles	1400
TD060	Wheelbase between rear axle and trailing axle	0
TD064	Rear frame overhang	800.0
TD072	Distance from first front axle to body	465.0
TD067	Distance to kingpin from front axle, nominal position	-
TD074	Slew radius, front	-
TD075	Slew radius, rear	-
TD068	Coupling length	7895.0

Widths		mm
TD008	Width included rearview mirror	2981.0
TD001	Width over cab	2240.0

Frame		mm
TD009	Frame width at front	945.0
TD010	Frame width at the rear	765.0
TD078	Frame profile	270 x 85 x 9,5

Heights		mm
TD033	Maximum external height, unladen	3271.0
TD082	Total transport height, unladen	3271.0
TD034	Maximum external height, laden	3208.0
TD035	Frame height at theoretical rear wheelbase, unladen	1136.0
TD036	Frame height at theoretical rear wheelbase, laden	1056.0
TD045	Raising from driving position, front	0.0
TD046	Lowering from driving position, front	0.0
TD047	Raising from driving position, rear	0.0
TD048	Lowering from driving position, rear	0.0
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	18.2
TD056	Wall-to-wall turning circle diameter	19.9

Weights/loads		kg
TD026	Chassis weight with cab	Error: 204
TD027	Chassis weight, front	6568
TD028	Chassis weight, rear	3675

TD029	Payload	30757
TD018	Statutorily permissible gross vehicle weight	41000
TD025	Technically permissible gross vehicle weight	41000
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.