

# Vehicle description for: TGS 33.400 6x4 BB CH



Illustration can deviate

Vehicle standard	s	
	Product family	The new MAN Truck Generation
	Model & Variant	TGS 33.400 6x4 BB CH
	Vehicle type	Vehicle type Tipper (KI)
	Cab	Local transport cab NN
	Main wheel distance	3900 mm
	Overhang	800 mm
	Steering configuration	Left

V۵	rtics	al I	hen

	National Registration	Technical Load	
Gross weight	33,000 kg	33,000 kg	
Front axle	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
1	Chassis class, heavy	0P2UC
l	Destination Togo (TG)	0PGB2
ı	Merchant tonnage 33 t	0P8LK
l	Basic layout of vehicle, all-round rugged	0PGCV
l	Frame type, medium-high	0P2TQ
ı	Vehicle type Tipper (KI)	0P2UN
l	Left-hand-drive	0P3AS
l	Right-hand traffic	0P3F5
l	Vehicle documents in English	0P2L7
I	Labelling in English	0P8NM
l	Cab position 640 mm (distance from frame lower edge to cab floor)	0PHBE
egis	stration	
1	Vehicle approval, N3 class	0P3JR
1	Maximum speed limiter, 85 km/h, electronic, engine speed regulation	0P2UI
1	Maximum vehicle noise level not defined	0P2YN
l	Height over cab, unloaded up to 4,000 mm	0PHA1
l	Maximum vehicle width of 2,500 mm checked with respect to relevant cab components	0PIOH
l	Maximum vehicle width of 2,500 mm checked with respect to relevant chassis components	0PIOJ
I	Maximum vehicle width of 2,500 mm checked with respect to relevant axles, rims, tyres, wheel trim	0PIOL
1	Vehicle classification in accordance with regulation (EU) 2018/858	0PKAW
ocu	ments	
1	Without registration documentation, national	0P3B0
1	Special confirmation, heavy load / municipal operation	0P3CK
.ppli	cation scope / transport tasks	
	Construction	0P6WH
1	022 Tipper, rear	0P2QH
I	Temperature range, vehicle deployment, warm country	0PHIB
1	Case hardness of final drive Distribution	0P4F0
	, editions and packages	
]	Special request paintwork	0PJTD
1	Without Individual Lion package	0PJT1
	ontal and vertical loads	
I	33,000 kg permitted gross load, vertical, nat. appr.	0P5QP
1	33,000 kg permitted gross load, vertical, tech.	0P5UA
	33,000 kg permitted gross load, vertical, tech. Plus	0P8HZ
1		
1	8,000 kg permitted load on front axle, nat. appr.	0P5KT
	8,000 kg permitted load on front axle, nat. appr. 8,000 kg permitted load on front axle, tech.	0P5KT 0P5LN



		0.00
_	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
Notif	fication texts	
	Note: With increased permissible gross weight, increase in wear of driveline and reduced service life	0PFZP
	Without note (propshaft wear)	0PJRV
Cha	assis	
Vehi	icle frame (wheelbase, overhang,)	
	Main wheelbase, 3,900 mm	0P2ZK
	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
Eyh:	aust system, air intake	
	Exhaust silencer, side, left	0P1BG
	Exhaust tailpipe, towards rear	0P1BQ
	Air intake, behind cab, raised	0P0AY
Batte	ery 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
Topl	ks and fuel line	
	Fuel tank capacity 400 l, right	0P4ED
_	Fuel tank, right, steel	0P4GN
_	Tank cross-section, right, medium	0P4HE
_	Fuel tank cap, lockable for master key system	0P4H5
0	Fuel pre-filter position on the battery box	0PIW9
Ero-	no attachmente	
Fran	ne attachments  Without underride protection, front	 0P1FM
_	Without working platform	0P0VH
_	Without underride protection, side	0P1FG
	Spare wheel hoist on left side, in front of rear axle	OPOXO
	Hoist for spare wheel	0P0VN
		0P1SB
	Final cross member, with hole pattern 160 x 100 mm	UFIOD



_		00450		
_	Underride protection, rear, round	0P1FD		
_	Wheel chock, 1 unit, with retaining device	0P1F0		
	Rear thrust plates, front body attachment bracket (e.g. for tipper)	0P0X8		
-				
Pneu	matic brakes, compressed-air generation, brake system  Air compressor, 1-cylinder, 360 ccm	0P0AF		
		0P0AB		
	Compressed-air treatment, pneumatically controlled  Steel compressed-air tank	0P0XH		
	Electronic brake system (EBS)	0P0BL		
		0P0BE		
	Anti-lock braking system (ABS)			
_	Full brake assistant	0P0CM		
_	Without preparation for EBS Full control unit	0PHPM		
_	MAN EVB high-performance engine brake	0P0BV		
	Drum brakes on front axle	0P1IA		
	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		
	s 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		
Date	alian tu undian anno			
Driv	eline/running gear			
Engi	ne, 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, open	0P8PN		
_	Engine skirt, in wheel arch, to prevent engine soiling	0P2E9		
_	Fan control for start of cooling with low coolant temperature (e.g. hot country)	0P0K5		
	Reduction of dust swirl through radiator fan	0P1YE		
	·	0P4XX		
	Engine cooler, normal length	0P4XX 0P1XE		
	Radiator protection, lower			
	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		
•				
	box, clutch  MAN TinMatic 12 28 OD	0P5VW		
	MAN TipMatic 12.28 OD  Courbox for increased percentage of everyon during driving operation			
	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 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

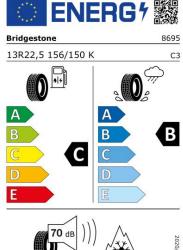
Required tyre speed index G

0PFWA

□ Tyres for front axle, Bridgestone 13R22.5 M-STEER 001 Steering-Road+Offroad TL

1 Steering-Road+Offroad TL 0PGKZ





### **Product Information Sheet**

Speed category symbol (for Additional Service Description)

Delegated Regulation (EU) 2020/740 Supplier name or trademark BRIDGESTONE M-STEER 001 Commercial name or trade designation Tyre type identifier 8695 13 R22.5 Tyre size designation Load-capacity index 156 Load-capacity index (Load index for Dual 150 mounting) Speed category symbol Fuel efficiency class c Wet grip class B External rolling noise class A External rolling noise value 70 dB Severe snow tyre Yes Date of start of production 02/17 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)

- □ Rim type, front axle, steel, single-part
- □ Rim size, front axle, 10-hole, 9.00x22.5
- Wheel nut cover ring, front axle

0P0P0

0P0NI

0P0PR



□ Tyres for rear axle, Bridgestone 13R22.5 M-DRIVE 001 Drive-Road+Offroad TL

0PGF2



### **Product Information Sheet**

Delegated Regulation (EU) 2020/740	
Supplier name or trademark	BRIDGESTONE
Commercial name or trade designation	M-DRIVE 001
Tyre type identifier	8689
Tyre size designation	13 R22.5
Load-capacity index	156
Load-capacity index (Load index for Dual mounting)	150
Speed category symbol	К
Fuel efficiency class	D
Wet grip class	В
External rolling noise class	Α
External rolling noise value	73 dB
Severe snow tyre	Yes
Date of start of production	06/16
Date of end of production	-
Additional information	
Load-capacity index (Single load index for Add	litional Service Description)
Load-capacity index (Dual load index for Addit	ional Service Description)
Speed category symbol (for Additional Service	Description)

- □ Rim type, rear axle, steel, single-part
- □ Rim size, rear axle, 10-hole, 9.00x22.5

0P000

0P0MU



□ Tyres for 2nd rear axle, Bridgestone 13R22.5 M-DRIVE 001 Drive-Road+Offroad TL

0PGHG

0P0PA



### **Product Information Sheet**

Rim type, 2nd rear axle, steel, single-part

Delegated Regulation (EU) 2020/740	
Supplier name or trademark	BRIDGESTONE
Commercial name or trade designation	M-DRIVE 001
Tyre type identifier	8689
Tyre size designation	13 R22.5
Load-capacity index	156
Load-capacity index (Load index for Dual	150
mounting)	
Speed category symbol	K
Fuel efficiency class	D
Wet grip class	В
External rolling noise class	A
External rolling noise value	73 dB
Severe snow tyre	Yes
Date of start of production	06/16
Date of end of production	
Additional information	
Load-capacity index (Single load index for Addi	itional Service Description)
Load-capacity index (Dual load index for Additi	ional Service Description)
Speed category symbol (for Additional Service	Description)

	Rim size, 2nd rear axle, 10-hole, 9.00x22.5	0P0O7	
	Spare wheel, in accordance with configuration for front axle tyres	0P0MH	
Axles	3		
	6x4	0P3B9	
	Steering ratio, indirect	0P1JY	
	Steering oil tank with electrical measuring sensor	0P1JV	
	Front axle, 9,200 kg, not driven, straight, steered, not liftable	0P5EX	
	Mudguard, front axle	0P1AT	
	Rear axle, 13,000 kg, planetary axle with drive shaft, straight, not steered, not liftable	0P4ZM	
	Twin tyre on rear axle	0P1HN	
	Mudguard, rear axle, plastic half shells in front of rear axle	0P1AO	
	2nd rear axle, 13,000 kg, planetary axle without drive shaft, straight, not steered, not liftable	0P4Y7	
	Twin tyre on 2nd rear axle	0P1HW	

Sunblind, in front of windscreen

Wiper system for windscreen

Wiper activation, manual



	Mudguard, plastic half shells, behind 2nd rear axle, with transfer tarpaulin over both rear axles	0P1AY
	Splash guard mat on mudguard, 2nd rear axle, longer at bottom	0P1Y0
	Axle ratio, i = 4.00	0P0D2
	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/leaf (BB)	0P2YB
	Leaf-spring suspension on front axle, parabolic, 3-leaf, steel	0P1JE
	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 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 rear axle	0P1LQ
	Shock absorbers on 2nd rear axle	0P1M9
	Stabiliser, front axle	0P1LD
	Stabiliser, rear axle	0P1LA
	Stabiliser, 2nd rear axle	0P1LH
	Wishbone	0P6ZR
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
	· · · · · · · · · · · · · · · · · · ·	

0P1WK

0P1WG

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, LED, 2 units	0P2BS
	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
	Spotlights, 2 units, cab roof, 1 right and 1 left	0P1YM

#### Mirrors and mirror replacements

Spotlight, LED, white

Switch for spotlight/manoeuvring light

Without revolving beacons at the rear of the vehicle

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

0PJQA

0P5U5

0PJRO



	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
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
	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
	2 pull-out cup holders in instrument panel	0P2FA
	Plug-in ashtray, instrument panel in middle section, 1 unit	0P2FO
	Cigarette lighter	0P2IH
	Single DIN slots, 4 units, roof space, front	0P2FJ
Cab	air-conditioning system	
	Air-conditioning system, manual	0P2NU
D -1		
Bunk	Without bunk area package	0PKNE
	without bullk area package	OFRINE
Cahi	interior	
	Without interior lighting package	0PKNF
	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
	2 storage compartments, cab rear wall, behind driver's and co-driver's side and net on cab rear wall	0PGB8
	Grab handle, above door, internal, 2 units, 1 right and 1 left	0P2G2
_	Entry handles, standard	0PHPK
_		
Acce	ssories and tools	
	Jack, 12,000 kg	0P3F8
	Vehicle toolkit	0P2TX
	No warning triangle	0P3FH
Intel	ligent Truck	
Assis	stance systems	
	Tempomat (cruise control, CC)	0P1TR
	Road speed limiter, adjustable, limiter (engine speed regulation)	0P0C3



0	Without advanced emergency braking system	0P1U5
Infata	ainment (radio,)	
	MMT infotainment system, Starter Basic	0P2M1
_	MAN loudspeaker system	0P2MF
_	No navigation map	0P2N2
_	French additionally for display	0P2JT
	Tenen additionally for display	0F 23 T
Bod	ies/interfaces	
Interf	aces to semitrailer (e.g. fifth-wheel coupling, brake connection,)	
	Without trailer brake connection behind cab	0P1O3
	No fifth-wheel coupling	0P1RJ
Interf	aces 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	0P10W
	Without trailer socket for anti-lock brake system (ABS)	0P1O9
Fx w	orks 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
	Tipper indicator, cab (symbols)	0P2M5
	Operating device for tipper hydraulics, cab	0P3KN
PTO:	S	
	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
Towi	ng, recovery and lashing	
	Central coupling jaw, integrated in bumper/front cross member, with lock pin	0P1MK
Pain	tworks	_
Paint	work, cab, top	
	Top coating, cab	0P6YB
Doi:-1	work cab bottom	
Paint	work, cab, bottom  Textured coating, step units	0P6X9
_	Textured coating, step units  Textured coating, mudguard, behind cab	0P6YG
_	Textured coating, hindguard, berning cab  Textured coating, bumper, steel	0P6YQ
_	rontared equiling, bumper, steel	UI UI W



Paint	twork, chassis		
	Top coating, chassis	0P6YC	
	Top coating, rims, steel, white-aluminium	0P6YL	
Add	itional operating equipment		
	Eintrag in KFZ-Brief: Anhängelast 40.000kg bei Zgg. 59.000kg	ZW001	
Colour			
	Top coating, cab	PURE WHITE RAL 9010	N
	Top coating, chassis	GRAPHITE BLACK RAL 9011	W



### Technical data: TGS 33.400 6x4 BB CH / L26EAA08

Vehicle	type: Vehicle type Tipper (KI)	
Cab: Lo	ocal transport cab NN	
Drive T	ype: 6x4	
Length	ıs	mm
TD071	Total length	8077.0
TD063	Front vehicle overhang	1607.0
TD057	Wheelbase between front axles	0
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
	Distance from first front axle to body	465.0
	Distance to kingpin from front axle, nominal position	-
TD074	Slew radius, front	
	Slew radius, rear	
	Coupling length	7495.0
Widths		mm
	Width included rearview mirror	2981.0
	Width over cab	2240.0
Frame		mm
	Frame width at front	945.0
	Frame width at the rear	765.0
TD078	Frame profile	270 x 85
		x 9,5
Height		mm
	Maximum external height, unladen	3335.0
	Total transport height, unladen	3335.0
	Maximum external height, laden	3237.0
TD035	Frame height at theoretical rear wheelbase, unladen	1164.0
TD036	Frame height at theoretical rear wheelbase,	1080.0
	laden	
	Raising from driving position, front	0.0
	Lowering from driving position, front	0.0
	Raising from driving position, rear	0.0
	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	
TD055	Track circle diameter	18.0
	Wall-to-wall turning circle diameter	19.7
TD056	Wall to Wall tarning of ole diarricter	
	ts/loads	kg
Weight		
Weight TD026	s/loads	kg
Weight TD026 TD027	ts/loads Chassis weight with cab	<b>kg</b> 9539
Weight TD026 TD027 TD028	ts/loads Chassis weight with cab Chassis weight, front	9539 4881

TD018 Statutorily permissible gross vehicle weight	33000
TD025 Technically permissible gross vehicle weight	33000
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.