Vehicle description for: TGS 41.400 8x4 BB CH

Illustration can deviate

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	2980 mm
Overhang	800 mm
Steering configuration	Left

Vertical Load

	National Registration	Technical Load
Gross weight	44,000 kg	44,000 kg
Front axle	9,000 kg	9,000 kg
Front axle 2	9,000 kg	9,000 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		
☐	44,000 kg permitted gross load, vertical, nat. appr.	0P8EW
☐	44,000 kg permitted gross load, vertical, tech.	0P5U4
☐	44,000 kg permitted gross load, vertical, tech. Plus	0P8IT
☐	9,000 kg permitted load on front axle, nat. appr.	0P5KX
☐	9,000 kg permitted load on front axle, tech.	0P5LR
☐	9,000 kg permitted load on front axle, tech. Plus	0P8EA
☐	9,000 kg permitted load on 2nd front axle NatZu	0P5F4
☐	9,000 kg permitted load on 2nd front axle, tech.	0P5NP
☐	9,000 kg permitted load on 2nd front axle, tech. Plus	0P7T2
☐	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, 2,980 mm	0P2YW
☐	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
☐	Without preparation for EBS Full control unit	0PHPM
☐	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

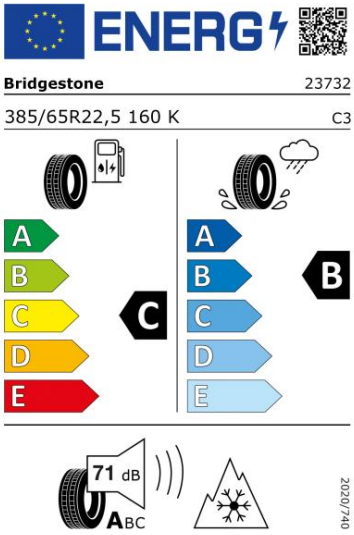
☐	Diesel engine MAN D2066 LF06, 294 kW (400 hp) output, 1,900 Nm torque, Euro 2	0P6BR
☐	Fuel filter, for fuels up to Cleanliness Class 25	0PHII
☐	Fuel pre-filter, with oil separator/water trap	0P0AT
☐	Without torque reduction	0P0G5
☐	Ventilation, crankcase, closed	0P8PM
☐	Anti-noise skirt, engine	0P2E7
☐	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 385/65R22.5 M-STEER 001 Steering-S+G TL	0PGXV



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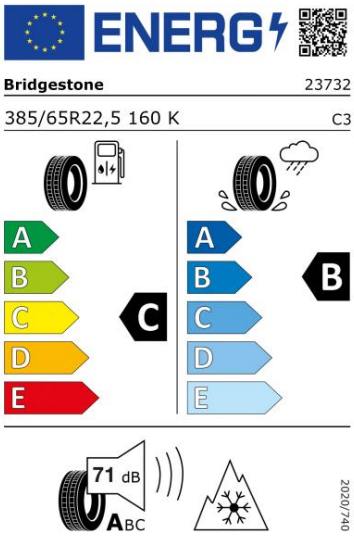
Product Information Sheet

Delegated Regulation (EU) 2020/740

Supplier name or trademark	**BRIDGESTONE**
Commercial name or trade designation	**M-STEER 001**
Tyre type identifier	**23732**
Tyre size designation	**385/65 R22.5**
Load-capacity index	**160**
Load-capacity index (Load index for Dual mounting)	
Speed category symbol	**K**
Fuel efficiency class	**C**
Wet grip class	**B**
External rolling noise class	**A**
External rolling noise value	**71 dB**
Severe snow tyre	**Yes**
Date of start of production	**23/20**
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, 11.75x22.5	0P0NB

- Tyres for 2nd front axle Bridgestone 385/65R22.5 M-STEER 001 Steering-Road+Offroad TL 0PGU6



Product Information Sheet

Delegated Regulation (EU) 2020/740

Supplier name or trademark	**BRIDGESTONE**
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Tyre type identifier	**23732**
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Load-capacity index	**160**
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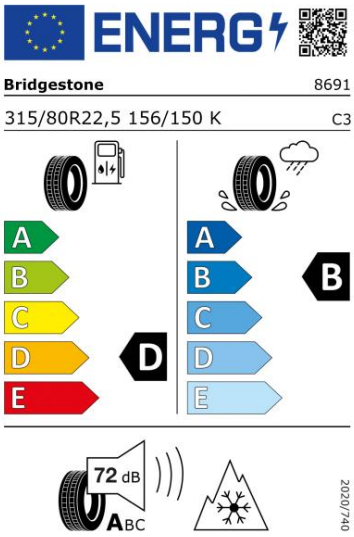
Fuel efficiency class	**C**
Wet grip class	**B**
External rolling noise class	**A**
External rolling noise value	**71 dB**
Severe snow tyre	**Yes**
Date of start of production	**23/20**
Date of end of production	**-**
Additional information	
Load-capacity index (Single load index for Additional Service 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, 11.75x22.5 0P0OA

- Rear axle tyres Bridgestone 315/80R22.5 M-DRIVE 001 Drive-S+G TL 0PDT9



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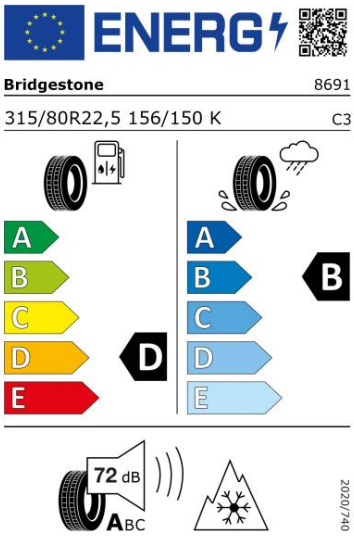
Product Information Sheet

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 0P0OO
- 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



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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	0P0PA
☐	Rim size, 2nd rear axle, 10-hole, 9.00x22.5	0P0O7
☐	Spare wheel, in accordance with configuration for rear axle tyres	0P0MF

Axles

☐	8x4	0P3BI
☐	Steering ratio, standard	0P1JX
☐	Steering oil tank with electrical measuring sensor	0P1JV
☐	Front axle, 9,200 kg, not driven, straight, steered, not liftable	0P5EX
☐	Mudguard, front axle	0P1AT
☐	2nd front axle, 9,200 kg, not driven, straight, steered, not liftable	0P4ZH
☐	Mudguard, 2nd front axle, removable upper shell	0P1B8
☐	Splash guard flaps on mudguard, 2nd front axle	0P1Y2
☐	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
☐	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
☐	Emergency steering pump	0P1KO
☐	Mudguard enlargement	0P1W5

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
☐	Without revolving beacons at the rear of the vehicle	0PJRO

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

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	8477.0
TD063	Front vehicle overhang	1607.0
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	3280.0
TD082	Total transport height, unladen	3280.0
TD034	Maximum external height, laden	3206.0
TD035	Frame height at theoretical rear wheelbase, unladen	1139.0
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	44000
TD025	Technically permissible gross vehicle weight	44000
TD031	Statutorily permissible gross train weight	0
TD032	Statutorily permissible trailer load	0