

Vehicle description for: TGS 22.440 4x2 BB SA



Illustration can deviate

Vehicle standards

Product family	The new MAN Truck Generation
Model & Variant	TGS 22.440 4x2 BB SA
MAN code	ECSYEYRF
Engine family	D26
Vehicle type	Vehicle type Semitrailer tractor (SA)
Cab	TN cab: the flexible one (narrow, long, normal height)
Main wheel distance	3600 mm
Overhang	1025 mm
Steering configuration	Left

Vertical Load

	National Registration	Technical Load	Technical Load Plus
Gross weight	21,000 kg	21,000 kg	21,000 kg
Front axle	8,000 kg	8,000 kg	8,000 kg
Rear axle	13,000 kg	13,000 kg	13,000 kg

Horizontal Load

	National Registration	Technical Load	Technical Load Plus
Gross train weight	40,000 kg	44,000 kg	44,000 kg

Vehicle characteristics

Basic characteristics

<input type="checkbox"/>	Vehicle version municipal/public service deployment	0P0H7
<input type="checkbox"/>	Semitrailer tractor	0P2UA
<input type="checkbox"/>	Chassis class, heavy	0P2UC
<input type="checkbox"/>	Merchant tonnage 22 t	0P8LG
<input type="checkbox"/>	Basic layout of vehicle, all-round	0PGCU
<input type="checkbox"/>	Frame type, medium-high	0P2TQ
<input type="checkbox"/>	Vehicle type Semitrailer tractor (SA)	0P2UR
<input type="checkbox"/>	Left-hand-drive	0P3AS
<input type="checkbox"/>	Right-hand traffic	0P3F5
<input type="checkbox"/>	Vehicle documentation in French	0P2LA
<input type="checkbox"/>	Labelling in French	0P8NN
<input type="checkbox"/>	Cab position 640 mm (distance from frame lower edge to cab floor)	0PHBE

Registration

<input type="checkbox"/>	Vehicle approval, N3 class	0P3JR
<input type="checkbox"/>	Maximum speed limiter, 85 km/h, electronic, engine speed regulation	0P2UI
<input type="checkbox"/>	Maximum vehicle noise level, 80 dB in acc. with UN/ECE-R 51.02	0PINC
<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
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Application scope / transport tasks

<input type="checkbox"/>	Long-haul transport, standard	0P6WE
<input type="checkbox"/>	040 SZM Standard	0P2QM
<input type="checkbox"/>	Temperature range, vehicle deployment, warm country	0PHIB
<input type="checkbox"/>	Case hardness of final drive Distribution	0P4F0

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"/>	21,000 kg permitted gross load, vertical, nat. appr.	0P5PK
<input type="checkbox"/>	21,000 kg permitted gross load, vertical, tech.	0P5TD
<input type="checkbox"/>	21,000 kg permitted gross load, vertical, tech. Plus	0P8GZ
<input type="checkbox"/>	8,000 kg permitted load on front axle, nat. appr.	0P5KT
<input type="checkbox"/>	8,000 kg permitted load on front axle, tech.	0P5LN
<input type="checkbox"/>	8,000 kg permitted load on front axle, tech. Plus	0P8D4
<input type="checkbox"/>	13,000 kg permitted load on rear axle NatZu	0P5HC

<input type="checkbox"/>	13,000 kg permitted load on rear axle, tech.	0P5IO
<input type="checkbox"/>	13,000 kg permitted load on rear axle, tech. Plus	0P8BY
<input type="checkbox"/>	40,000 kg permitted gross train weight, national registration	0PBIO
<input type="checkbox"/>	44,000 kg permissible gross train weight TechH.	0P6ZL
<input type="checkbox"/>	44,000,kg permitted gross train weight, Tech. Plus	0PBPT
<input type="checkbox"/>	0kN D value	0P8XD

Notification texts

<input type="checkbox"/>	Note: The engine output must be expected to decline if the gross train weight is high and the vehicle is exposed to extreme conditions.	0PGB9
<input type="checkbox"/>	Notice: Reduced front overhang angle due to long radiator	0PHPG
<input type="checkbox"/>	Increased. Wear and reduction in service life of propshafts, regular checks necessary	0PJRU

Chassis

Vehicle frame (wheelbase, overhang, ...)

<input type="checkbox"/>	Main wheelbase, 3,600 mm	0P2ZD
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<input type="checkbox"/>	Frame overhang, rear, 1,025 mm	0P3CQ
<input type="checkbox"/>	Main frame side member thickness, 9.5 mm	0P0Y7
<input type="checkbox"/>	Vehicle rear, angled end of frame	0P0XS
<input type="checkbox"/>	Semitrailer auxiliary frame	0P0XV

Exhaust system, air intake

<input type="checkbox"/>	Exhaust silencer, side, left	0P1BG
<input type="checkbox"/>	Exhaust tailpipe, towards rear	0P1BQ
<input type="checkbox"/>	Air intake, behind cab, raised	0P0AY
<input type="checkbox"/>	Pre-separator for engine air intake	0P0BA

Battery cases, batteries, alternator

<input type="checkbox"/>	Battery, 12 V, 175 Ah, 2 units, maintenance free	0P0WA
<input type="checkbox"/>	Alternator, Basic	0P1BV
<input type="checkbox"/>	Medium battery box, 2 batteries	0P0WU
<input type="checkbox"/>	Battery box, left	0P0WO

- | | | |
|--------------------------|---------------------------------|-------|
| <input type="checkbox"/> | Main battery switch, mechanical | 0P0WF |
| <input type="checkbox"/> | Safety cut-out | 0P1V2 |

Tanks and fuel line

- | | | |
|--------------------------|---|-------|
| <input type="checkbox"/> | Fuel tank capacity 390 l, right | 0P4EC |
| <input type="checkbox"/> | Fuel tank, right, aluminium | 0P4GM |
| <input type="checkbox"/> | Tank cross-section, right, medium | 0P4HE |
| <input type="checkbox"/> | Fuel tank cap, lockable for master key system | 0P4H5 |
| <input type="checkbox"/> | Filter screen for fuel tank filler neck | 0P1EM |
| <input type="checkbox"/> | Fuel pre-filter position on the battery box | 0PIW9 |

Frame attachments

- | | | |
|--------------------------|---|-------|
| <input type="checkbox"/> | Without underride protection, front | 0P1FM |
| <input type="checkbox"/> | Working platform, extended, with step | 0P0VG |
| <input type="checkbox"/> | Without underride protection, side | 0P1FG |
| <input type="checkbox"/> | Spare wheel hoist on left side, in front of rear axle | 0P0XO |
| <input type="checkbox"/> | Hoist for spare wheel | 0P0VN |
| <input type="checkbox"/> | Final cross member, with hole pattern 160 x 100 mm | 0P1SB |
| <input type="checkbox"/> | Without underride protection, rear | 0P1FB |
| <input type="checkbox"/> | Wheel chock, 1 unit, with retaining device | 0P1FO |
| <input type="checkbox"/> | Without body attachment brackets/thrust plates | 0P0X6 |

Pneumatic brakes, compressed-air generation, brake system

- | | | |
|--------------------------|---|-------|
| <input type="checkbox"/> | Air compressor, 1-cylinder, 360 ccm | 0P0AF |
| <input type="checkbox"/> | Compressed-air treatment, pneumatically controlled | 0P0AB |
| <input type="checkbox"/> | Steel compressed-air tank | 0P0XH |
| <input type="checkbox"/> | Electronic brake system (EBS) | 0P0BL |
| <input type="checkbox"/> | Anti-lock braking system (ABS), Offroad, with additional off-road logic | 0P0BF |
| <input type="checkbox"/> | Full brake assistant | 0P0CM |
| <input type="checkbox"/> | Without preparation for EBS Full control unit | 0PHPM |
| <input type="checkbox"/> | MAN EVBec high-performance engine brake, stages possible | 0P0BW |
| <input type="checkbox"/> | Drum brakes on front axle | 0P1IA |
| <input type="checkbox"/> | Drum brakes on rear axle | 0P1I5 |
| <input type="checkbox"/> | Parking brake control, next to driver's seat | 0P3KH |
| <input type="checkbox"/> | Parking brake with spring-type actuator on rear axles (incl. leading axle/ trailing axle) | 0PGBL |
| <input type="checkbox"/> | Anti-jackknifing brake, manual, can be operated next to driver's seat | 0P0CJ |

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

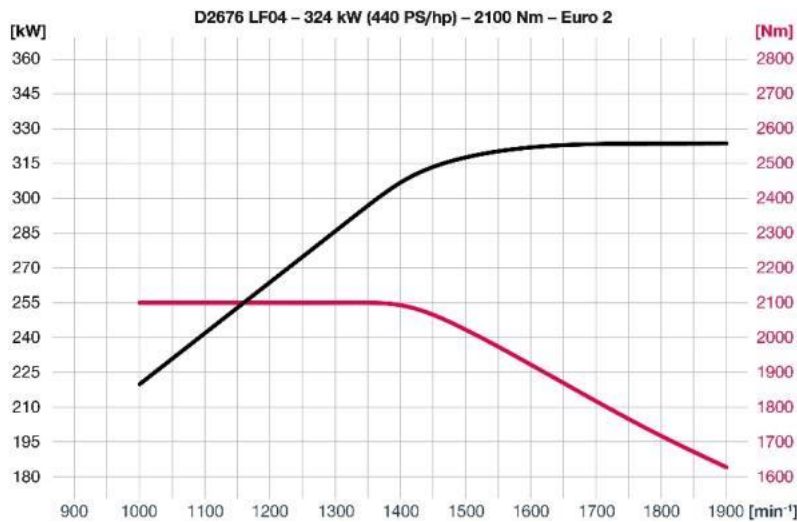
- | | | |
|--------------------------|---|-------|
| <input type="checkbox"/> | Rear lights | 0P2AQ |
| <input type="checkbox"/> | Acoust. Reversing warning system when reverse gear selected | 0P3CD |
| <input type="checkbox"/> | Light function test | 0P2AD |
| <input type="checkbox"/> | Side marker lights, LED | 0P2BJ |

Driveline/running gear

Engine, radiator

- Diesel engine MAN D2676 LF04, 324 kW (440 hp) output, 2,100 Nm torque, Euro 2

0P6BP



With 440 hp (324 kW) and 2,100 Nm max. torque, the MAN D26 Euro 2 engine offers reliable, economical and powerful propulsion. A high-torque performance characteristic with extremely economical fuel consumption distinguishes this 12.4-litre six-cylinder in-line engine with Common-Rail injection. Most-easily maintained version without emission control has proven itself in particular in environments where the fuel quality is low.

The engine can be operated with diesel (DIN EN 590) as well as with paraffinic diesel fuels (DIN EN 15940), e.g. HVO (hydrotreated vegetable oils).

CUSTOMER BENEFITS

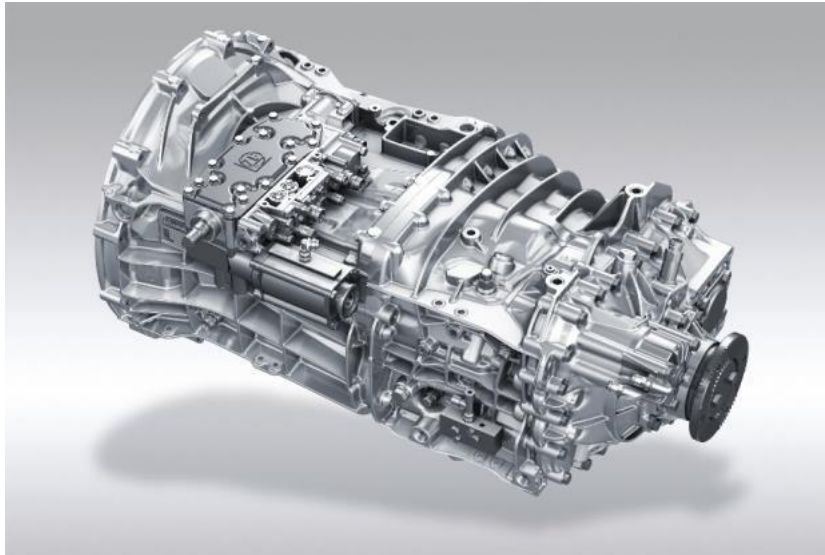
- Fuel-saving and powerful
- Economical operation with few gearshifts is made possible by the wide engine speed range with high maximum torque.
- Clutch-friendly moving-off thanks to high starting torque
- Great ease of maintenance and economical thanks to design without exhaust gas cleaning technology
- Deployment even with fluctuating fuel quality

- | | |
|--|-------|
| □ 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 |
| □ 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, extended | 0P4XY |
| □ Radiator protection, lower | 0P1XE |
| □ Front radiator protection, grille | 0P1VP |
| □ Engine oil dipstick and digital oil level gauge | 0P0B6 |
| □ Warning message for engine coolant level, with advance warning | 0P0KA |
| □ Antifreeze, down to -32 °C | 0P0AK |

Gearbox, clutch

- Manually operated gearbox, MAN 16.25 OD

0P5VL



The MAN 16.25 OD manually operated gearbox has 16 forward gears and 2 reverse gears. It is an overdrive gearbox (i16

= 0.84) and is designed for a maximum input torque of 2,500 Nm. Thanks to the large gear spread (16.43) and optimum gear stepping, it succeeds in combining performance and economic efficiency in all driving/deployment situations.

The fully synchronised gearbox allows the driver to change gear quickly, precisely and with low wear – the integrated gearshift servo assistance also makes shifting very comfortable with minimum effort.

CUSTOMER BENEFITS

- Very good moving-off behaviour in combination with fuel-saving low engine speeds in the highest gear thanks to large gear spread
- Comfortable, easy gear changes with low force thanks to pneumatic gearshift servo assistance
- Shift interlock to protect the gearbox against incorrect operation

- | | |
|--|--|
| <ul style="list-style-type: none"> □ Gearbox for increased percentage of overrun during driving operation □ Manual gearbox operation, single-H, group/split switch □ Single-disc clutch, 430 mm, dry, reinforced (LongLife) | <p>0PGCL</p> <p>0P3KL</p> <p>0P0DW</p> |
|--|--|

Wheels, tyres

- | | |
|---|--------------|
| <ul style="list-style-type: none"> □ Required tyre speed index J | <p>0PFW2</p> |
|---|--------------|

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

OPEYF



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
- Rim size, front axle, 10-hole, 9.00x22.5
- Wheel nut cover ring, front axle

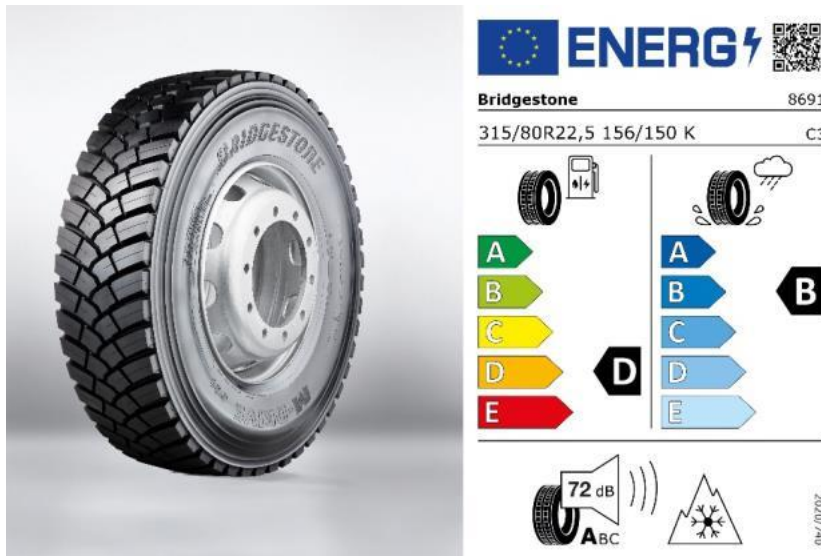
0P0P0

0P0N1

0P0PR

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

OPDT9



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
- Spare wheel, in accordance with configuration for front axle tyres 0P0MH

Axles

- 4x2 0P3B1
- 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
- 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
- Mudguard, rear axle, upper shell removable 0P1AM
- Splash guard mat on mudguard, rear axle, longer at bottom 0P1XK

<input type="checkbox"/>	Axle ratio, $i = 3.63$	0P0CZ
<input type="checkbox"/>	Differential locks on driven rear axles	0P0DI
<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/leaf (BB)	0P2YB
<input type="checkbox"/>	Leaf-spring suspension on front axle, parabolic, 2-leaf, steel	0P1JD
<input type="checkbox"/>	Leaf-spring suspension on rear axle, parabolic, 5-leaf, steel	0P1J2
<input type="checkbox"/>	Spring load-bearing capacity front axle 8,000 kg	0P5C2
<input type="checkbox"/>	Spring load-bearing capacity of rear axle, 16,000 kg	0P5BW
<input type="checkbox"/>	Shock absorbers on front axle	0P1M4
<input type="checkbox"/>	Shock absorbers on rear axle	0P1LQ
<input type="checkbox"/>	Stabiliser, front axle	0P1LD
<input type="checkbox"/>	Stabiliser, rear axle	0P1LA
<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"/>	TN cab: the flexible one (narrow, long, normal height)	0P2DF
<input type="checkbox"/>	Cab mount, Comfort	0P1V9
<input type="checkbox"/>	Cab tilt mechanism, manual	0P1V6
<input type="checkbox"/>	Tilting roof, mechanical	0P1VW
<input type="checkbox"/>	Bumper, steel, 3 pieces	0P1SG
<input type="checkbox"/>	Front step, integrated, with grab option	0P1VE
<input type="checkbox"/>	Windscreen, composite safety glass, tinted	0P1X0
<input type="checkbox"/>	Sunblind, in front of windscreen	0P1WK
<input type="checkbox"/>	Wiper system for windscreen	0P1WG
<input type="checkbox"/>	Wiper activation, manual	0P1UL
<input type="checkbox"/>	Step unit, hinged	0P1V0
<input type="checkbox"/>	Central locking, no remote control	0P1WS
<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"/>	Stone protection guard for front headlights, wide and fine mesh	0PICD
<input type="checkbox"/>	Daytime driving lights, LED	0P2BP
<input type="checkbox"/>	Turn signal lights, sides, bulb	0P1Z6
<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

your mobility partner

- | | | |
|--------------------------|--|-------|
| <input type="checkbox"/> | Horn, two-tone, electrical | 0P1W1 |
| <input type="checkbox"/> | Revolving beacons, LED, yellow (individual LEDs light up in cascades, revolving) | 0P2BD |
| <input type="checkbox"/> | 2 revolving beacons on cab roof, 1 right and 1 left | 0P2B3 |



- | | | |
|--------------------------|--|-------|
| <input type="checkbox"/> | Spotlights, 2 units, cab roof, 1 right and 1 left | 0P1YM |
| <input type="checkbox"/> | Spotlight, LED, white | 0PJQA |
| <input type="checkbox"/> | Switch for spotlight/manoeuvring light | 0P5U5 |
| <input type="checkbox"/> | Without revolving beacons at the rear of the vehicle | 0PJRO |

Mirrors and mirror replacements

- | | | |
|--------------------------|--|-------|
| <input type="checkbox"/> | Without mirror package | 0PKWV |
| <input type="checkbox"/> | Exterior rear-view mirror, electrically adjustable | 0P2CA |
| <input type="checkbox"/> | Kerb mirror, right, electrically adjustable | 0P2CG |
| <input type="checkbox"/> | Front mirror, mechanical adjustment | 0P2CJ |
| <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 |

Seats

- | | | |
|--------------------------|--|-------|
| <input type="checkbox"/> | Seat covers, fabric, standard | 0P2PQ |
| <input type="checkbox"/> | Without driver's seat package | 0PKXV |
| <input type="checkbox"/> | Comfort driver's seat, air-sprung | 0P2P2 |
| <input type="checkbox"/> | Driver's seat arm rests | 0P2OE |
| <input type="checkbox"/> | Adjustment of seat belt height, driver's seat | 0P4XQ |
| <input type="checkbox"/> | Without co-driver's seat package | 0PKXU |
| <input type="checkbox"/> | Co-driver's seat, not sprung, with storage box | 0P2OO |
| <input type="checkbox"/> | Storage space, in seat bracket of co-driver's seat | 0P2Q6 |

Driver's workplace

- Multi-function steering wheel, adjustable height and angle

0P2GD



- Steering wheel, with parking position
- Steering lock
- Instrumentation, Basic km/h

0P2GE

0P3JZ

0P3L3



- Analogue tachograph, CONTINENTAL
- Tachograph, calibrated
- Single DIN slots, 4 units, roof space, front
- Without storage tray next to seat

0P2KW

0P2KG

0P2FJ

0PJRS

Cab air-conditioning system

- Air-conditioning system, manual

0P2NU

Bunk area

- Bunk, bottom, with slatted support

0P2GX

- Standard bed mattress, bottom, 90 mm

0P2GM



- Storage box, rear, left, accessible from outside and inside with flap
- Storage box, rear, right, accessible from outside and inside with flap

0P2H2

0P2H6

Cab interior

- Colour scheme for interior styling, dark
- Interior styling analogous to colour scheme
- Without driver's workplace package, Comfort
- Windscreen roller blind, internal
- Without interior lighting package
- Interior light, central
- Reading light, 1 unit, driver's side
- Entry lighting
- Entry handles, standard
- All-round curtain

0P2I6

0PGBT

0PKXT

0P2FE

0PKNF

0PHA6

0P2IQ

0P2IO

0PHPK

0P2GS



- Door interior cladding, washable
- Without stowage and storage space package

0P2IA

0PKXS

- | | | |
|--------------------------|--|-------|
| <input type="checkbox"/> | Storage, instrument panel in middle section, open | 0P2HK |
| <input type="checkbox"/> | Storage compartment, below the bunk, with bulkhead | 0P2HH |
| <input type="checkbox"/> | Grab handle, above door, internal, 2 units, 1 right and 1 left | 0P2G2 |

Accessories and tools

- | | | |
|--------------------------|---------------------------------------|-------|
| <input type="checkbox"/> | Without accessories and tools package | 0PKXA |
| <input type="checkbox"/> | Vehicle toolkit | 0P2TX |
| <input type="checkbox"/> | No warning triangle | 0P3FH |
| <input type="checkbox"/> | Compressed-air connection, cab | 0P2FL |
| <input type="checkbox"/> | Jack, 12,000 kg | 0P3F8 |

Intelligent Truck

Assistance systems

- | | | |
|--------------------------|---|-------|
| <input type="checkbox"/> | Anti-slip control (ASR) | 0P1T2 |
| <input type="checkbox"/> | Tempomat (cruise control, CC) | 0P1TR |
| <input type="checkbox"/> | Road speed limiter, adjustable, limiter (engine speed regulation) | 0P0C3 |
| <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"/> | MMT infotainment system, Starter High | 0P2M2 |
|--------------------------|---------------------------------------|-------|



The MAN media system with its seven-inch colour HD display offers many of the basic functions of a modern radio and entertainment system. Besides reception of standard and digital radio stations, multiple audio features ensure pleasant working conditions. The control functions of the infotainment system are laid out so that the desired settings can be found quickly and the concentration stays on the traffic.

CUSTOMER BENEFITS

- High-quality seven-inch colour display with brilliant HD resolution

- Sufficient system versatility which offers audio and communication options to help carry out the transport order comfortably and safely
- Intuitive operation and menu navigation

- MAN sound system 0P2MG
- No navigation map 0P2N2

Bodies/Interfaces

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

- 2-line semitrailer brake connection, behind cab, spiral cable with standard coupling 0P1O2
- Trailer socket behind cab, 24 V, 7-pin and 7-pin 0P1PD
- Spiral cable to semitrailer, electr., two units, for trailer sockets behind cab, 24-V, 7+7-pin to 7+7-pin 0P8NW
- Spiral cable to semitrailer, electric, for trailer socket ABS, behind cab 0P8O1
- Fifth-wheel pick-up plate installation height, 40 mm (up to max. 20,000 kg fifth-wheel coupling load) 0P1Q3
- JOST JSK 37 C 2" fifth-wheel coupling 0P1RM
- Kingpin, 2" diameter 0P1RY
- Manufacturer of fifth-wheel coupling: Jost 0PBY1
- Fifth-wheel coupling installation height, 185 mm 0P1PS
- Fifth-wheel coupling, automatic lubrication 0P1Q7
- Rubber joint bearing, fifth-wheel coupling 0PBY6
- Fifth-wheel coupling actuation, normal handle 0P1QI
- Without sensing of the fifth-wheel coupling 0PHN7
- Fifth-wheel lead, 585 mm 0P5BF



The fifth-wheel lead is the distance measured (in millimetres) between the middle of the last axle and the middle of the kingpin when coupled. This applies irrespective of the total number of axles with which the vehicle is equipped and whether the last axle is driven or not - in other words, it also applies to vehicles with a trailing axle.

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

- Without trailer/towing coupling on final cross member 0P1NQ
- Preparation for towing coupling on final cross member 0P1SP

<input type="checkbox"/>	Without trailer brake connection at end of frame, centre	0P100
<input type="checkbox"/>	Without trailer socket at frame end	0P10W
<input type="checkbox"/>	Trailer socket for anti-lock braking system (ABS), behind cab	0P105

Ex works bodies and interfaces to bodies (e.g. tipper indicator...)

<input type="checkbox"/>	Tipper indicator, cab (symbols)	0P2M5
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PTOs

<input type="checkbox"/>	PTO, gearbox-dependent, type NH/1c, without flange, f=0.91/1.09, position approx. 3 o'clock	0P4QF
<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

Towing, recovery and lashing

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

Paintwork, cab, top

<input type="checkbox"/>	Top coating, cab	0P6YB
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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, steel	0P6YQ

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: TGS 22.440 4x2 BB SA / L03JAA01

Vehicle type: Vehicle type Semitrailer tractor (SA)

Cab: TN cab: the flexible one (narrow, long, normal height)

Drive Type: 4x2

Lengths		mm
TD071	Total length	6230.0
TD063	Front vehicle overhang	1605.0
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	1025.0
TD072	Distance from first front axle to body	865.0
TD067	Distance to kingpin from front axle, nominal position	3025.0
TD074	Slew radius, front	2060.0
TD075	Slew radius, rear	1768.0
TD068	Coupling length	-

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	3284.0
TD082	Total transport height, unladen	3284.0
TD034	Maximum external height, laden	3208.0
TD035	Frame height at theoretical rear wheelbase, unladen	1227.0
TD036	Frame height at theoretical rear wheelbase, laden	1076.0
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	1455.0
TD052	Height of fifth-wheel coupling above ground, laden	1304.0

Circle dimensions		m
TD055	Track circle diameter	12.9
TD056	Wall-to-wall turning circle diameter	14.7

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

TD029	Payload	---
TD018	Statorily permissible gross vehicle weight	21000
TD025	Technically permissible gross vehicle weight	21000
TD031	Statorily permissible gross train weight	40000
TD032	Statorily permissible trailer load	0