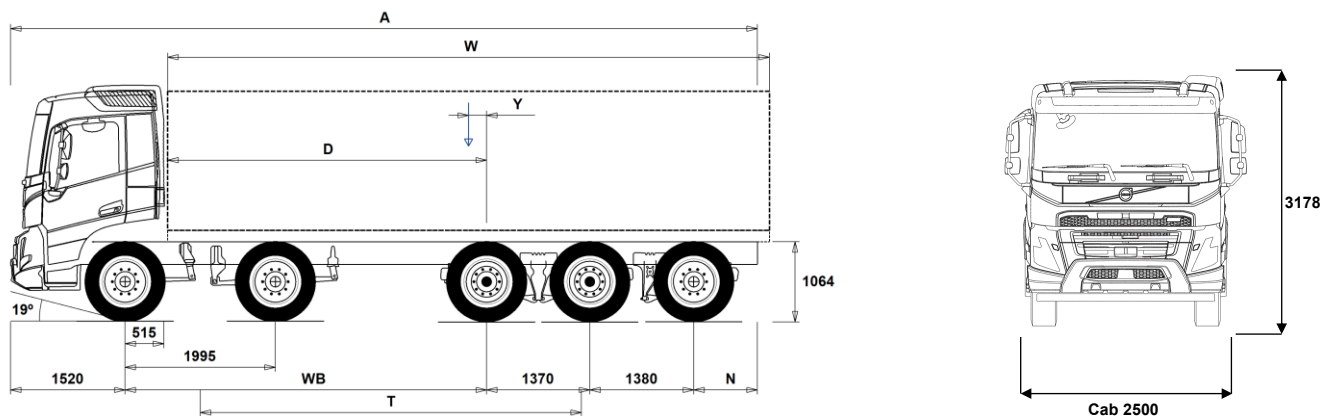


MODEL RANGE

FMX D13 104 Rigid Dual Front Axles Tag Tridem Diesel Rear Air FMX104RFT3A



Chassis Dimensions [mm]

WB Wheelbase	4300	4350	4600	4900	5100	5600	6000
A Overall Chassis Length	10965	11315	11415	11715	11865	11515	11465
D Center of rear axle to front of body	3735	3785	4035	4335	4535	5035	5435
N Rear Overhang (Min.)	845	845	845	845	845	845	845
N Rear Overhang (Max.)	2395	2695	2545	2545	2495	1645	1195
T Theoretical Wheelbase	4561	4611	4861	5161	5361	5861	6261
Y Center of Gravity for Payload (Min.)	47	65	138	230	289	430	546
Y Center of Gravity for Payload (Max.)	47	65	138	230	289	430	546
W Body Length (Min.)	7377	7441	7795	8211	8493	9211	9780
W Body Length (Max.)	7377	7441	7795	8211	8493	9211	9780

Chassis Weights [kg]

Front Axles	6800	6780	6785	6755	6760	6780	6790
Rear Bogie	4045	4085	4130	4190	4220	4205	4235
Kerb Weight	10845	10865	10915	10945	10980	10985	11025
Payload (including body, driver, fuel, etc.)	32155	32135	32085	32055	32020	32015	31975

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	18100	18200	19000	20000	20600	22200	23500
Turning Circle Diameter Wall to Wall	19500	19700	20500	21400	22100	23700	25000

Plated Weights [kg]

	Design
Gross Vehicle Weight	43000
Gross Combination Weight	44000
Front Axles	16000
Rear Bogie	27000

Important Notes

Chassis Dimensions

Cab Height: +328 mm for CAB-HSLP, -262 mm for CAB-LDAY, -262 mm for CAB-LSLP, +16 mm for CAB-SLP.

Front Axle to Back of Cab: +431 mm for CAB-HSLP and CAB-SLP, -69 mm for CAB-LDAY, +425 mm for CAB-LSLP.

D-measure includes a front clearance of 50 mm and for rigid trucks also a subframe of 100 mm.

Height can vary ± 20 mm for leaf and ± 10 mm for air suspension.

All dimensions are for unladen chassis and any tag axles down. Chassis height used: CHH-HIGH.

Rear overhang used for vehicle weight calculation is the maximum rear overhang (N Max.) for selected wheelbase.

Height change when chassis height CHH-MED, FRAME300: 0 mm.

Weight and dimensions are based upon the following tyres:

Front Axle Tyres: 315/80R22.5

Drive Axle Tyres: 315/80R22.5

Trailing/Pusher Axle Tyres: 315/80R22.5

Chassis weight includes oil, water, AdBlue, 0 litres fuel and without driver. Kerb weight can vary $\pm 3\%$.

Turning diameters are theoretically calculated. Tag axle used: TA-HYDRS.

Legal weights can differ from country to country.

For more detailed weight information, including optional equipment weights, ask your Volvo sales contact to enter your specification into the Volvo Weight Information system (WIS).

Do NOT use this drawing for bodybuilding. Refer to Volvo Bodybuilder Instructions and chassis assembly drawing FMX104RFT3A.

MODEL RANGE

FMX D13 104 Rigid Dual Front Axles Tag Tridem Diesel Rear Air FMX104RFT3A

Transport operation

- **RC-ROUGH** Rough road conditions: frequent driving on poorly maintained surfaced roads, hard-packed sand or gravel, or other surfaces of good or bad quality.
- **RC-SMOOT** Smooth road conditions: at least 95% of the driven distance is on well-maintained or less maintained surfaced roads. Driving may occur on poorly maintained surfaced roads, hard-packed sand, or gravel surfaces of good or bad quality.
- **TIPP-PRE** Tipper vehicle preparation
- **UNIFORM** Basic platform vehicle

Core components

- **CHH-HIGH** Chassis height high - approx. 1000 mm above ground level
- **CHH-MED** Chassis height medium - approx. 900 mm above ground level
- **CHH-XHIGH** Chassis height extra high - approx. 1030 mm above ground level
- **TA-HYSB2** Electro-hydraulically steered single-wheel tag axle with steering lockout at 38 km/h
- **RADDT-G2** Rear air suspension - three axles, two driving, one tag, high ground clearance
- **RADDT-GR** Rear air suspension - three axles, two driving, one tag
- **FMX-DAY6** FMX day cab
- **FMX-HSL6** FMX Globetrotter, high sleeper cab
- **FMX-LDA6** FMX low day cab
- **FMX-LSL6** FMX low sleeper cab
- **FMX-SLP6** FMX sleeper cab
- **EU5SCR-M** Euro 5 with Selective Catalytic Reduction (SCR)
- **EU6SCR** Euro 6 with SCR, particulate filter and EGR, Turbo-S
- **D13S420A** Diesel engine, Euro 6, 12.8 litres, 420 hp/309 kW, 2100 Nm
- **D13S460A** Diesel engine, Euro 6, 12.8 litres, 460 hp/338 kW, 2300 Nm
- **D13S500A** Diesel engine, Euro 6, 12.8 litres, 500 hp/368 kW, 2500 Nm
- **D13S540A** Diesel engine, Euro 6, 12.8 litres, 540 hp/397 kW, 2600 Nm
- **D13C460** Diesel engine, Euro 5, 12.8 litres, 460 hp/338 kW, 2300 Nm
- **D13C500** Diesel engine, Euro 5, 12.8 litres, 500 hp/368 kW, 2500 Nm
- **D13C540** Diesel engine, Euro 5, 12.8 litres, 540 hp/397 kW, 2600 Nm
- **D13K420** Diesel engine, Euro 6, 12.8 litres, 420 hp/309 kW
- **D13K460** Diesel engine, Euro 6, 12.8 litres, 460 hp/338 kW
- **D13K500** Diesel engine, Euro 6, 12.8 litres, 500 hp/368 kW
- **D13K540** Diesel engine, Euro 6, 12.8 litres, 540 hp/397 kW
- **EBR-EPGC** Exhaust pressure governor with Volvo compression brake
- **EBR-VEB** Volvo Engine Brake, VEB (compression brake with exhaust pressure governor, EPG)
- **EBR-VEB+** Volvo Engine Brake, VEB+ (high efficiency compression brake with exhaust pressure governor, EPG)
- **AT2412** I-Shift automated 12-speed gearbox, 2400 Nm
- **AT2612** I-Shift automated 12-speed gearbox, 2600 Nm
- **AT2812** I-Shift automated 12-speed gearbox, 2800 Nm
- **ATO2612** I-Shift automated 12-speed gearbox with overdrive, 2600 Nm
- **ATO3112** I-Shift automated 12-speed gearbox with overdrive, 3100 Nm
- **SPO2812** Dual-clutch 12-speed semi-powershift gearbox with overdrive, 2800 Nm
- **ASO-C** One crawler gear
- **ASO-ULC** Two crawler gears, one crawler and one ultra-low crawler
- **RTH2610B** Rear hub reduction tandem axle - bogie load 26 tonnes, GCW 100 tonnes, 4 planet gears
- **RTH2610F** Rear hub reduction tandem axle - bogie load 26 tonnes, GCW 100 tonnes, version F
- **RTS2310A** Rear single reduction tandem axles - bogie load 23 tonnes, GCW 100 tonnes
- **RTS2370A** Rear single reduction tandem axle - bogie load 23 tonnes, GCW 70 tonnes

Packages

- **FP-D13** Fuel economy package for Euro 6 D13 engine
- **INFOBASE** Information package, basic (without side display)
- **INFOHIGH** Information package, high (with side display)
- **CHASPAC** Rigid chassis package

Chassis

- **FST-AIR** Front air suspension
- **FST-PAR** Two-leaf front parabolic springs (normal stiffness)
- **FST-PAR3** Three-leaf front parabolic springs (stiffer than normal)
- **FST-PL1** Two-leaf front parabolic springs, lightweight composite support leaf (normal stiffness)
- **FSLs-BAS** Basic levelling stroke in front air suspension (high ground clearance under front axle member)
- **FAL16.0** Front axle load 16.0 tonnes, double front axles
- **FAL18.0** Front axle load 18.0 tonnes, double front axles
- **FAL20.0** Front axle load 20.0 tonnes, double front axles
- **FALIM** Front axle load limiter
- **FSTAB** Front anti-roll bar, normal stiffness
- **FSTAB2** Front anti-roll bar, high stiffness
- **FSTAB3** Front anti-roll bar, extra-high stiffness
- **RAL27** Rear axles load 27 tonnes
- **RAL33** Rear axles load 33 tonnes
- **RAL36** Rear axles load 36 tonnes
- **RSTAB3** Rear anti-roll bar, extra-high stiffness
- **RALIM105** First rear driving axle load limiter, 10.5 tonnes (speed controlled)
- **RALIM115** First rear driving axle load limiter, 11.5 tonnes (speed controlled)
- **RALIM13** First rear drive axle load limiter, 13 tonnes
- **RALIM15** First rear driving axle load limiter, 15 tonnes
- **RALIM95** First rear driving axle load limiter, 9.5 tonnes (speed controlled)
- **ASF-DL1** Air suspension with one ride height
- **ASF-DL3** Air suspension with three ride heights
- **ACTST-TO** Volvo Dynamic Steering
- **ASFE-BAS** Volvo Dynamic Steering, basic
- **ASFE-OG** Volvo Dynamic Steering with Stability Assist
- **ASFE-PO** Volvo Dynamic Steering with Personal Settings and Stability Assist
- **ASFE-PS** Volvo Dynamic Steering with Personal Settings
- **PSP-VAR** Power steering pump with variable displacement
- **PSP-VAR2** Power steering pump with variable displacement (extra valve)
- **EBS-MED** EBS (Electronic Braking System), Medium package
- **EBS-STD** EBS (Electronic Braking System), Standard package
- **AUXPARK** Extra parking brake on one axle
- **RST-AIR** Rear air springs
- **FRAME300** Frame rail section external height 300 mm
- **FST8080** Frame thickness - web 8.0 mm / flange 8.0 mm
- **FIL-EEEB** Frame inner liner from end of engine to end of bogie
- **FIL-EEEF** Frame inner liner from end of engine to end of frame
- **BBOX-L** Battery box on left-hand side
- **2BAT210C** AGM batteries, 2x210 Ah
- **2BATT170** Batteries, 2x170 Ah
- **2BATT225** Batteries, 2x225 Ah
- **BATTAMP** Battery voltmeter and ammeter
- **BATTIND** Battery voltmeter, ammeter and battery status gauge with visual alerts
- **ADR1** ADR adaptation, 1 switch in dashboard
- **ADR2** ADR adaptation, 1 switch in dashboard, 1 outside on back of cab
- **MSWI-A** ADR main switch
- **MSWI-C** Main switch on chassis
- **MSWI-R** Key remote controlled main switch
- **R450A71** Right 450-litre, D-shaped aluminium fuel tank, 710 mm high
Min volume 255l
Max volume 650l
- **UL-FUEL** Without left side fuel tank

■ Standard Equipment

□ Optional Equipment

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- Min volume 160l - Max volume 240l		▣ TRB-STRE Stretch brake, trailer brake activation at low speeds to avoid jack-knifing and improve stability
	■ ADTP-L AdBlue tank on left hand side ▣ ADTP-LF AdBlue tank on left hand side at the front ▣ ADTP-R AdBlue tank on right hand side	▣ RUP-FOSL Foldable and slidable aluminium rear underrun protection, not UN/ECE R58.03 compliant
▣ ADB032 AdBlue tank: usable volume 32 litres, mounted between front axles	▣ ADB048 AdBlue tank: usable volume 48 litres, 560 mm high, mounted on chassis side	▣ FFEND-B Mudguards on second front axle ▣ FFEND-T Transport-mounted mudguards on second front axle
■ ADB064 AdBlue tank: usable volume 64 litres, 710 mm high, mounted on chassis side		▣ RFEND-B Rear 3-piece mudguards (anti-spray) on all rear axles
▣ ADTC-BF AdBlue tank cover, silver metallic		▣ RFH-BAS Basic mudguard installation height on 2nd front axle and rear axles ▣ RFH-HIG High mudguard installation height on 2nd front axle and rear axles ▣ RFH-LOW Low mudguard installation height on 2nd front axle and rear axles
■ FCAP-L Lockable diesel and AdBlue filler caps		▣ ATANK-AL Aluminium air tanks ■ ATANK-ST Steel air tanks
■ FUFF-AS Fuel filling anti-spillage device ▣ FUFF-ATS Fuel filling anti-theft and anti-spillage device		▣ TL-LED LED tail lamps (tail light, exterior marker light, brake light, hazard warning light, reverse light, rear fog light, licence plate light and reflector)
▣ ESH-LEFT Horizontal silencer, left exhaust outlet ■ ESH-REAR Horizontal silencer, rear exhaust outlet		■ BLIGHT-E Flashing brake lights will automatically activate in emergency braking. The flashing frequency is 4 Hz and emergency braking is detected if speed exceeds 50 km/h and retardation is 4 m/s² or more. The function deactivates when retardation is less than 2.5 m/s².
▣ EXST-SSP Vertical exhaust top pipe, bright polished stainless steel ▣ EXST-ST Vertical exhaust top pipe, aluminised steel		
▣ WHC-FIX2 Two non-collapsible wheel chocks ▣ WHC-FOL2 Two collapsible wheel chocks		
▣ WHCP-F Wheel chock holder in the front part of the vehicle ▣ WHCP-R Wheel chock holder in the rear part of the vehicle ▣ WHCP-T Wheel chock holder by-packed in cab outer luggage compartment		
▣ TB-L80 Tool box on left-hand side, 205-litre - width 730 mm, height 590, depth 595 mm		
▣ TB-R80 Tool box on right-hand side, 205-litre - width 730 mm, height 590, depth 595 mm		
▣ SUP-BAS Standard side underrun protection, aluminium ■ SUP-LOW Low side underrun protection, aluminium		
▣ CHAIN-S Snow chains		
▣ HOOK-SC Snow chain hooks		
■ TOWF-HD1 One heavy-duty front towing device		
▣ TOWMBRL1 Towing member, low-mounted under frame ▣ TOWMBRM Towing member, medium-mounted in line with lower frame flange		
■ RFEC-S Straight-cut rear frame end ▣ RFEC-U Upper corner cut on rear frame end (for e.g. tipper, refuse and hook lift applications)		
▣ C-RI4040 Coupling Ringfeder 4040A G-150 ▣ C-RI4045 Coupling Ringfeder 4045A G-150 ▣ C-RI5050 Coupling Ringfeder 5050A G-150 ▣ C-RO50 Coupling Rockinger 50 mm ▣ C-VBG520D Coupling VBG 5200D ▣ C-VBG795 Coupling VBG 795V		
▣ TOWR-ONE Brace that can be used for towing in specific situations. The brace is mounted on the end cross member, and if the end cross member is thinner than 8 mm, it will be reinforced. The brace includes a lockable pin and is dimensioned for a 3-tonne centre-axle trailer or a 10-tonne articulated drawbar trailer. It may only be used for short-distance, on-site transport in confined areas and at speeds of a maximum of 30 km/h.		
▣ TREL-PK Trailer electrical preparation kit (chassis/cab wiring) ▣ TREL14 14-pin trailer connection ▣ TREL15 15-pin trailer connection (ADR certified) ▣ TREL7 7-pin trailer connection (ISO 24N) ▣ TREL7-7 2x7-pin trailer connection (ISO 24N+24S, non-ADR)		
▣ TBC-EC Trailer brake connection, European Community		
▣ TRBR-HCR Reduced-pressure, hand-controlled trailer brake check (4 bar) ▣ TRBR-STA Stationary trailer brake check		
■ Standard Equipment ▣ Optional Equipment		

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MODEL RANGE

FMX D13 104 Rigid Dual Front Axles Tag Tridem Diesel Rear Air FMX104RFT3A

	– 1 blade, Torx T30/Torx T40 • Socket wrench. • Adjustable pliers. • Allen key. • Adjustable spanner. • Hammer.		
☐ INFLAHOS	Tyre inflation hose 18 m. The air is supplied by a chassis-mounted pneumatic outlet (must be ordered separately).		☐ HPE-F41 Engine-mounted hydraulic pump F1-41, fixed displacement, single flow
☐ GAUGE-TP	Tyre pressure gauge		☐ HPE-F51 Engine-mounted hydraulic pump F1-51, fixed displacement, single flow
Powertrain equipment			☐ HPE-F61 Engine-mounted hydraulic pump F1-61, fixed displacement, single flow
☐ TRAP-HD	Reinforced gearbox range housing		☐ HPE-F81 Engine-mounted hydraulic pump F1-81, fixed displacement, single flow
☒ DRM-BE	I-Shift drive modes Economy, Standard and Performance		☐ HPE-T53 Engine-mounted hydraulic pump F2-53/53, fixed displacement, twin flow
☐ DRM-E	I-Shift drive mode Economy		☐ HPE-T70 Engine-mounted hydraulic pump F2-70/35, fixed displacement, twin flow
☐ PVT-BAS	I-See		☐ HPE-V45 Engine-mounted hydraulic pump VP1-45, variable displacement, single flow
☒ CRUIS-E	I-Cruise cruise control, I-Roll included		☐ HPE-V75 Engine-mounted hydraulic pump VP1-75, variable displacement, single flow
☐ CRUIS-E5	I-Torque cruise control, optimized for fuel economy, I-Roll included		☐ PTR-D Gearbox low-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 1000 Nm
☒ AMSO-AUT	I-Shift manual gear shifting available in automatic mode, including kick-down function		☐ PTR-DH Gearbox high-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm
☐ AVO-ENH	I-Shift with enhanced software for construction and off-road applications		☐ PTR-DM Gearbox medium-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump , 600 Nm
☐ APF-ENH	I-Shift with enhanced PTO functions (Auto neutral for p. brake/Reverse inhibit/Split box connection)		☐ PTR-F Gearbox low-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 1000 Nm
☐ CD43-O	Dual-plate clutch, plate diameter 430 mm		☐ PTRD-D Gearbox high-speed PTO, 1 rear + 1 front DIN 5462/ISO 7653 for plug-in pumps, 870 Nm
☐ TC-MAOH2	Extra high performance cooler for manual/I-shift gearboxes - air/oil		☐ PTRD-F Gearbox high-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 870 Nm
☐ TC-MWO	Basic performance cooler for manual/I-Shift gearboxes - water/oil		☐ HPG-F81 Gearbox-mounted hydraulic pump F1-81, fixed displacement, single flow
☒ TC-MWOH2	High performance cooler for manual/I-Shift gearboxes - water/oil		Cab Interior, Driving
☐ 2COM1080	Dual-cylinder air compressor 704 cc, 1080 l/min		☒ STWPOS-L Left-hand drive
☐ 2COM1100	Dual-cylinder air compressor 760 cc, 1100 l/min		☐ STWM-LE Steering wheel material leather
☐ 2COMP870	Dual-cylinder, two-stage air compressor 560 cc, 870 l/min		☐ STGW-AD2 Manually adjustable steering wheel with neck tilt
☒ 2COMP900	Dual-cylinder air compressor 636 cc, 900 l/min		☒ STGW-ADJ Manually adjustable steering wheel
☐ CLU-AIRC	Air compressor clutch with automatic declutching when not needed, to save fuel		☐ AIRBAG Airbag on driver's side
☒ AIRIN-HI	High air inlet		☒ DRC-AMII Regeneration control for DPF, initiation: automatic or manual, inhibition: manual
☐ AIRIN-LO	Low air inlet		☐ 1DAYB One-day analogue tachograph, basic
☐ ACL1ST-S	Air cleaner with extra filter element		☒ TAC-PK2 Preparation kit for tachograph
☐ 24A110BL	Alternator 110 Ampere		☐ ARSL Additional road speed limiter control (switch in dashboard)
☒ 24A150BL	Alternator 150 Ampere		☒ ACCLF-D Volvo torque assist - Disabled
☒ 24A180BL	Alternator 180 Ampere		☐ ACCLF-E Volvo torque assist - Enabled
☐ 24AL110B	Alternator 110 Ampere		☐ ESP-BAS1 ESP for tractor combinations with ABS/EBS or rigid vehicles/combinations with std center of gravity
☐ 24AL150B	Alternator 150 Ampere		☐ ESPC-RO Electronic stability program functionality control, switch - On/Reduced/Off
☒ CCV-C	Closed crankcase ventilation		☐ HWSS-ACB Adaptive cruise control with forward collision warning (stationary and moving objects) and emergency braking. Using both radar and camera to collect info.
☐ CCV-O	Open crankcase ventilation		☒ HWSS-FCB Collision Warning with Emergency Brake (forward)
☒ PRIM-EL	Electrical priming pump for removal of air in the fuel system		☐ LSS-DW Lane Keeping Support - lane departure warning
☐ PRIM-MAN	Manual priming pump for removal of air in the fuel system		☐ LSS-DW3 Pilot Assist - active, continuous lane keeping
☐ AF-E	Electrically heated fuel filter		☐ LCS2 Side Collision Avoidance Support, passenger side collision warning (sound and visual information), passenger side
☒ AF-R	Hot fuel recirculation heated fuel filter		☒ LCS4 Side Collision Avoidance Support, side collision warning, both sides
☒ FUEFE2LW	Large engine-mounted dual fuel filter with water separator and drain		☒ DAS-W Driver Alert Support
☐ FUEFE2SW	Small engine-mounted dual fuel filter with water separator and drain (for good fuel quality)		☐ RSSENS-W Wipers rain sensor
☒ EST-AID	Engine intake air heater		☒ CU-ECC Automatic climate control with sun sensor
☐ 220EBH15	Engine block heater, 220 V, 1.5 kW		☐ CU-ECC2 Automatic climate control with sun sensor, humidity sensor, air quality sensor and carbon filter
☐ PTER-DIN	Rear engine, clutch-ind. PTO, splined shaft groove (fem), close-coupled pump DIN 5462/ISO7653		☐ CU-MCC Manual climate control (heater/cooler function)
☐ HPE-F101	Engine-mounted hydraulic pump F1-101, fixed displacement, single flow		☒ IGT-BUT Push button ignition
☒ Standard Equipment		☐ Optional Equipment	

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FMX D13 104 Rigid Dual Front Axles Tag Tridem Diesel Rear Air FMX104RFT3A

■ IMMOBIL	Immobiliser	□ PH-SS	Short stop cab heater
□ ALARM-E	Anti-theft alarm for cab, superstructure and trailer	□ SLCP-BAS	Basic sleeper control panel (interior light, parking heater, roof hatch, door locks)
□ PHONE-PK		□ ETSB-FRS	Storage at front of engine tunnel and immersed in RH side of tunnel
□ ISUNS-BS	Side interior roller blind on both sides, manually manoeuvred	□ ETSB-FS	Storage at back of engine tunnel, at back against rear cab wall and immersed in RH side of tunnel
■ ISUNS-DS	Side interior roller blind on driver's side, manually manoeuvred	□ ETSB-S	Storage immersed in RH side of engine tunnel
□ ISUNF-RE	Interior roller blind, integrated in front shelf, electrically manoeuvred	□ RUS-BAS	Storage in rear upper cab, 154 litres (300 mm high)
■ ISUNF-RM	Interior roller blind, integrated in front shelf, manually manoeuvred	□ RUS-HIG	Storage in rear upper cab, 245 litres (440 mm high)
□ ADFS	Two extra DIN slots in front shelf, 165x40x180 mm (W x H x D)	□ REF-ICPK	Preparation kit for refrigerator
■ BUPALARM	Reversing warning	□ REFR-RUS	Refrigerator 28-litre, with dividers, on rear upper wall
□ LOADIND	Load indicator, shown in instrument display and side display	□ MICRO-PK	Preparation kit for microwave oven (electrical cables to front shelf)
□ REMC-MF	Wireless remote control, multi-functional	■ BOTH-D	One bottle holder under dashboard centre section
■ FIREXT3S	Fire extinguisher 3 kg, Swedish/English decal	□ COFMA-PK	Preparation kit (24 V) for coffee maker
□ WARNVEST	Reflective vest, fulfils European standard EN 471 class 2	■ INLI-BAS	Interior white light with smooth light transition at on/off, no dimming
■ WARNTRI2	Two warning triangles	□ INLI-NL	Interior white and red (night) light with smooth light transition at on/off
■ AIDKIT	First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors.	□ INLI-NLD	Interior white and red (night) light with smooth light transition at on/off and dimmer
■ WRITEPAD	Writing pad with paper clamp	□ ARL-FLEX	Two (driver and passenger side) LED reading lamps with flexible arms, mounted on sidewalls
Cab Interior, Living		□ RH-EE	Roof skylight/emergency exit, tinted glass (not a hatch)
■ DST-CF1	Driver's seat Comfort	□ RH-ER	Roof hatch, electrically operated, steel, with emergency exit handle
□ DST-CF4	Driver's seat Comfort, belt in seat	□ RH-ETR	Roof hatch, electrically operated, tinted glass, rear opening 50 mm
□ DST-CF5	Driver's seat Comfort, belt in seat, heated, adjustable lumbar&side support, extendable seat cushion	■ RH-MTR	Roof hatch, manually operated, tinted glass, rear opening 50 mm
□ DST-CF6	Driver's seat Comfort, belt in seat, heated, ventilated	■ GLAS-TIN	Tinted windows
□ DST-LUX1	Driver's seat Deluxe, belt in seat, heated, ventilated	□ SWIND-BS	Rear side window on both sides
□ SBD-RED	Red safety belts, passenger and driver seats	□ SWIND-PS	Rear side window on passenger side
□ SBPRE-DS	Driver's seat belt pretensioner	□ AWIND-RF	Fixed window in back of cab (without curtains)
□ PST-BAS1	Passenger seat Basic, non-suspended	□ VANMIR	Vanity mirror in front shelf lid
□ PST-CF4	Passenger seat Comfort, suspended, belt in seat	□ AS-FUS	One extra shelf in each of the two front upper storage compartments
□ PST-CF5	Passenger seat Comfort, suspended, belt in seat, electrically heated	□ INFOT-PK	Preparation kit (bracket, security straps, and antenna cable) for mounting of TV above driver door
■ PST-STD2	Passenger seat Regular, non-suspended	Cab exterior	
□ PST-STD4	Passenger seat Regular, suspended	■ DGLAS-H	Tempered door window glass
□ SBPRE-PS	Passenger seat belt pretensioner	□ DGLAS-L	Laminated window glass in doors. The glass can crack, but retains its protective effect. It also provides better sound insulation.
□ ARMRE-BB	Two armrests on both driver's and passenger seats	■ BUMP-HD	Heavy-duty front bumper
□ ARMRE-DB	Two armrests on driver's seat	□ AUXFS	Extra footstep in cab side
□ ARMRE-PB	Two armrests on passenger seat	□ GUARD-EH	Guard plate for cooling pipes and oil sump
□ ARU-BAS	Vinyl armrest upholstery	□ SIDEH-B	Guide rail on day cab, driver's side
□ ARU-LEA	Leather armrest upholstery	□ SIDSTP-R	Side ladder and guide rail on day cab, driver's side
■ GRABHI-B	Instep grab handle, basic	■ BUGNET	Insect screen (PVC-coated fibreglass) in front of radiator
■ FMAT-RUB	Black rubber floor mats	□ CTILTP-E	Electric cab tilt pump
□ FMAT-TX2	Two textile (dark grey on FH/FM/FMX, black on FH16) and two black rubber floor mats	■ CTILTP-M	Manual cab tilt pump
□ LBK70	Lower fixed bed 2000x700 mm, non-foldable, safety net included	□ FCABS-A	Air front cab suspension
□ MATL-FI	Mattress lower bed firm, pocket springs, recommended for body weight over 100 kg	■ FCABS-M	Mechanical front cab suspension
□ MATL-SF	Mattress lower bed semi-firm, pocket springs, recommended for body weight up to 100 kg	□ RCABS-A	Air rear cab suspension
□ OLMAT-BA	Overlay mattress, 28 mm thick black textile	■ RCABS-M	Mechanical rear cab suspension
□ OLMAT-PR	Overlay mattress Premium, 35 mm thick black textile	□ MIRCFCPX	Rear-view and wide-angle mirrors (both sides), passenger corner camera (FMX)
□ TBK60F	Fixed top bed 600x1900 mm, foldable up to 52° (depending on cab & upper storage), net included	□ MIRCMCP	Camera Monitor System and passenger corner camera
□ TBK70F	Fixed top bed 700x1900 mm, foldable up to 52° (depending on cab & upper storage), net included		
□ PH-CAB2	Cab parking heater, 2 kW		
□ PH-ENGCA	Engine and cab parking heater		

■ Standard Equipment

□ Optional Equipment

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□ MIRCMS Camera Monitor System ■ MIRCOMFX Robust rear-view and wide-angle mirrors (both sides), kerb observation mirror ■ AMIR-F20 Front close-view mirror above windscreen, passenger side (radius 200 mm) □ SUNV-H Exterior front sun visor, transparent dark-grey □ AD-ROOF Roof air deflector □ AD-SIDES Cab side air deflectors, short □ HL-BASIC Halogen H7 headlamps ■ HL-LED LED headlamps □ HL-LED3 LED headlamps with adaptive high beam □ HBDA-A Automatic main beam deactivation and reactivation ■ HL-CLEAN High-pressure headlamp cleaner □ HLP-ST Steel headlamp protectors (steel and plastic for FMX) □ HLP-ST2 Steel and plastic headlamp protectors with steel grating for extra rough applications □ HL-ADJ Manually adjustable headlamp beam ■ DRL-LED Daytime running lamps (LED) □ UDRL Without daytime running lamps (LED) ■ UDRIVL Without extra main beam □ ASL-RF2 Two LED spot lamps in sign box □ IDLAMP-A Three amber identification lamps on mid front roof □ IDLAMP-W Three white identification lamps on mid front roof □ IDLMPSW Switch in cab for identification lamps □ BEACOA2F Two amber LED beacons on cab front roof □ BEACOA2R Two amber LED beacons on cab rear roof □ BEACON-P Preparation kit for roof beacons □ BEACONA4 Four amber LED beacons on roof - two on front, two on rear □ CABPT-R1 One front cab roof pass-through on passenger side ■ CABPT-R2 Two front cab roof pass-throughs, one on each side □ SPOTP-F Preparation kit for spot lamp in cab front, max 280 W □ SPOTP-R Preparation kit for spot lamp in cab roof, max 280 W □ SPOTP-RF Preparation kit for spot lamp in cab roof and front, max 280 W □ ROS-IL2 Preparation kit for installation of roof sign illumination □ CSGN-FMX FMX decal in the roof sign box ■ HORN-F1S Single-tone Jericho horn behind grille, operated by steering wheel buttons □ ANT-CBR Preparation kit for communication/CB radio: roof-mounted single antenna and wiring □ ACCB-R-AP Accessory brackets mounted on front roof, midroof and rear roof □ ACCB-R-F Accessory bracket mounted on front roof □ ACCB-R-FM Accessory brackets mounted on front roof and midroof □ ACCB-R-FR Accessory brackets mounted on front and rear roof □ ACCB-R-M Accessory bracket mounted on midroof □ ACCB-R-R Accessory brackets mounted on mid-roof and rear roof □ ACCB-R-RM Accessory bracket mounted on rear roof	□ WLC-H2W 2 white LED work lamps, high-mounted on back of cab (switch included) □ WLC-PKCH Preparation kit (cables and switch) for work lamp inside or outside superstructure □ WLC-PKH Preparation kit (cables and switch) for high-mounted work lamps on back of cab □ WLC-PKL Preparation kit (cables and switch) for low-mounted work lamps on back of cab □ WLC-PKLH Preparation kit (cables and switch) for low- and high-mounted work lamps on back of cab □ ECBB-BAS Body builder electrical centre, prepared for body builder module □ ECBB-HIG Body builder electrical centre, body builder module with 14 high and 4 low digital outlets ■ ECBB-MED Body builder electrical centre, body builder module with 7 high and 4 low digital outlets □ BBCHAS1 One 7-pole bodywork connector on chassis □ BBCHAS3 Three 7-pole bodywork connectors on chassis □ BEPR-T2 Bodywork electrical and software preparation for tipper with remote control □ EXSTER Support for external steering control via body builder module □ TD-LED TD-LED detects trailers that have either bulb lights or LED lights. Continuous monitoring of the trailer connection status allows optimization of gear shifting and systems like Electronic Stability Program (ESP). Full diagnostics are available for bulb lights, while for LED lights the system cannot identify an "open circuit". ■ FRFS-BS Frame rail free space on both sides to give space for crane legs or other equipment □ FBA-BTF Front body attachment brackets, lower, for flexible body □ FBA-BTSF Front body attachment brackets, lower, for semi-flexible body ■ HBA-FSFB Holes for body attachments, flexible/semi-flexible body □ HBA-SB Holes for body attachments, stiff body □ RBA-T2 Rear body attachment brackets, lower □ CRANEPK1 Frame-mounted crane interface plates, up to 10 tonne-metres □ CRANEPK2 Frame-mounted crane interface plates, up to 20 tonne-metres □ CRANEPK4 Frame-mounted crane interface plates, up to 40 tonne-metres □ AUXL-SPK Preparation kit (wiring and a switch in dashboard) for snow plough lamps □ TAILPRE2 Tail lift preparation kit, wireless remote operation □ TAILPREP Tail lift preparation kit □ AESW2 2 bistable bodywork switches (marked AUX1/AUX2) □ AESW2PK 2 bistable bodywork switches (marked AUX1/AUX2) + prepared for 4 bistable switches (dummy switches) □ AUXSW-4 Hardwiring for 4 extra switches (from body builder electrical centre to instrument panel)
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Superstructure preparations

- **SRWL-PK** Preparation kit for LED reverse/work lamps at rear chassis, 3-pos switch (On/Off/Reverse auto On)
- **SWL-2FW** 2 white LED work lamps at front of chassis, and a 2-position switch (On/Off)
- **SWL-2RW** 2 white LED work lamps, rearward-facing on rear chassis (LH/RH side)
- **SWL-4W** 4 white LED work lamps on chassis (2 front, 2 rear) and a flexible switch (On/Off)
- **SWL-PK** Preparation kit for LED work lamps on chassis, with a 2-pos switch (On/Off)
- **WL-CHPK** Preparation kit for work lamp (switch with cable to frame, by gearbox)
- **WLC-H2A**

■ Standard Equipment

□ Optional Equipment

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Services

- **TGW-4GWL** Telematics gateway with 4G modem and WLAN
- **TGW-PK** Telematics gateway preparation kit
- **DRUT1** My Truck service/app (remote vehicle status, alerts and control), 1-year prepaid subscription
- **DRUT2** My Truck service/app (remote vehicle status, alerts and control), 2-year prepaid subscription
- **DRUT3** My Truck service/app (remote vehicle status, alerts and control), 3-year prepaid subscription
- **DRUT4** My Truck service/app (remote vehicle status, alerts and control), 4-year prepaid subscription
- **DRUT5** My Truck service/app (remote vehicle status, alerts and control), 5-year prepaid subscription
- **TSRS2** Road sign recognition (not ISA compliant)

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