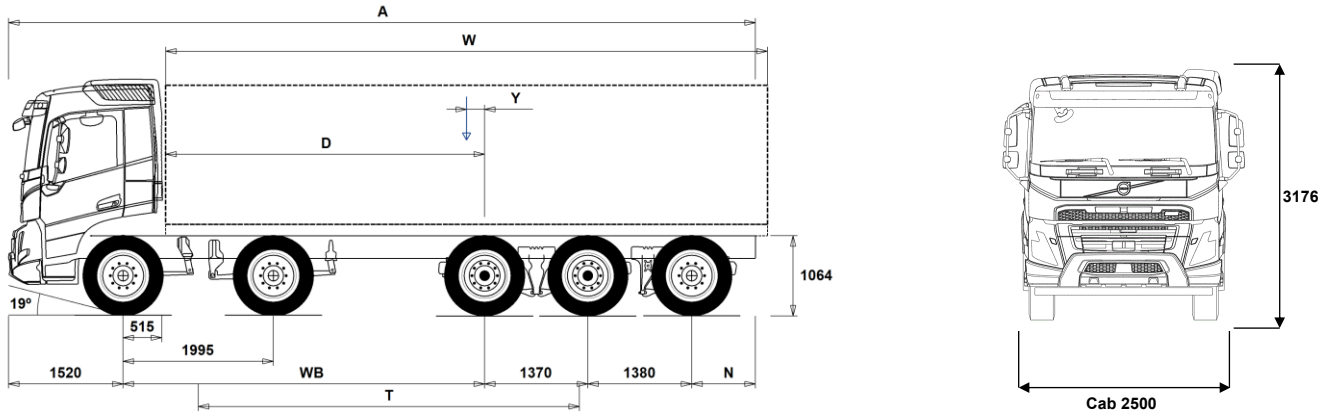


MODEL RANGE

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.)	119	141	219	321	384	533	656
Y Center of Gravity for Payload (Max.)	119	141	219	321	384	533	656
W Body Length (Min.)	7230	7286	7631	8027	8300	9003	9557
W Body Length (Max.)	7230	7286	7631	8027	8300	9003	9557

Chassis Weights [kg]

Front Axles	6945	6920	6925	6895	6900	6915	6925
Rear Bogie	4015	4060	4105	4165	4200	4185	4215
Kerb Weight	10960	10980	11030	11060	11100	11100	11140
Payload (including body, driver, fuel, etc.)	20040	20020	19970	19940	19900	19900	19860

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]

	Plated	Design
Gross Vehicle Weight	31000	43000
Gross Combination Weight	43000	44000
Front Axles	13000	16000
Rear Bogie	18000	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 ± 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
- **TA-HYSB2** Electro-hydraulically steered single-wheel tag axle with steering lockout at 38 km/h
- **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
- **D13C380** Diesel engine, Euro 5, 12.8 litres, 380 hp/280 kW, 1900 Nm
- **D13C420** Diesel engine, Euro 5, 12.8 litres, 420 hp/309 kW, 2100 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

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)
- **SAFEBAS** Active Safety Basic package (outside Europe)
- **SAFEBAS2** Active Safety Basic package (outside Europe)
- **SAFEPLU2** Active Safety Plus package (outside Europe)
- **SAFEPLUS** Active Safety Plus package (outside Europe)

Chassis

- Standard Equipment
- Optional Equipment

For more detailed information about cab and powertrain equipment, please refer to separate specification sheets.

For all possible options and combinations of options please consult your Volvo sales contact who can create a specification to match your requirements using the Volvo Sales Support system (VSS).

The factory reserves the right to modify design and change equipment without previous notification. The specification can vary from country to country.

- **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)
- **FSLB-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
- **UR-FUEL** Without right side fuel tank
Min volume 255l
Max volume 810l
- **UL-FUEL** Without left side fuel tank
Min volume 160l
Max volume 450l

MODEL RANGE

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

- **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
- **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
- **ADB064** AdBlue tank: usable volume 64 litres, 710 mm high, mounted on chassis side
- **ADTC-BF** AdBlue tank cover, silver metallic
- **FCAP-L** Lockable diesel and AdBlue filler caps
- **FUFF-AS** Fuel filling anti-spillage device
- **FUFF-ATS** Fuel filling anti-theft and anti-spillage device
- **ESH-LEFT** Horizontal silencer, left exhaust outlet
- **ESH-REAR** Horizontal silencer, rear exhaust outlet
- **ESH-RIGH** Horizontal silencer, right exhaust outlet
- **ESH-VERT** Horizontal silencer, vertical exhaust outlet on right-hand side
- **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
- **CHAIN-S** Snow chains
- **HOOK-SC** Snow chain hooks
- **TOWF-HD1** One heavy-duty front towing device
- **TOWMBRH** Towing member, high-mounted in centre of frame
- **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-RO400G** Coupling Rockinger 400 G-150
- **C-RO50** Coupling Rockinger 50 mm
- **C-VBG520** 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-HCF** Full-pressure, hand-controlled trailer brake check (8 bar)
- **TRBR-HCR** Reduced-pressure, hand-controlled trailer brake check (4 bar)
- **TRBR-STA** Stationary trailer brake check
- **TRB-STRE** Stretch brake, trailer brake activation at low speeds to avoid jack-knifing and improve stability
- **FFEND-B** Mudguards on second front axle
- **FFEND-T** Transport-mounted mudguards on second front axle
- **RFEND-B** Rear 3-piece mudguards (anti-spray) on all rear axles
- **RFEND-T** Transport mudguard
- **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
- **ATANK-AL** Aluminium air tanks
- **ATANK-ST** Steel air tanks
- **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)
- **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.

Rims and tyres

- **RT-AL** Brushed aluminium rims with standard holes (long stud fixing) on all axles
- **RT-AL1** LVL ONE® smooth and glossy aluminium rims with standard holes (long stud fixing) on all axles
- **RT-AL1DU** LVL ONE® smooth and glossy aluminium rims with countersunk holes (short stud fixing) on all axles
- **RT-ALDP** Dura-Bright® polished aluminium rims with standard holes (long stud fixing) on all axles
- **RT-ALDPD** Dura-Bright® polished aluminium rims with countersunk holes (short stud fixing) on all axles
- **RT-ALDU** Brushed aluminium rims with countersunk holes (short stud fixing) on all axles
- **RT-STEEL** Steel rims on all axles
- **WCAP** Wheel caps
- **SPWT-D** Spare driving wheel
- **SPWT-F** Spare front wheel
- **SWCP-LF** Spare wheel carrier on left side in front of rear axle
- **SWCP-T** Spare wheel transport-mounted on top of frame
- **SWCP-TP** Spare wheel and carrier transport-mounted on top of frame
- **JACK-12T** Hydraulic jack, 12 tonnes. Low manual pumping force facilitates use in uncomfortable positions. Has a release valve, which permits safe, easy and precise control over rate of lowering and a filter in the oil reservoir gives protection from contamination. Height 180-315 mm, weight 7.0 kg
- **JACK-15T** Hydraulic jack, 15 tonnes. Low manual pumping force facilitates use in uncomfortable positions. Has a release valve, which permits safe, easy and precise control over rate of lowering and a filter in the oil reservoir gives protection from contamination. Height 225-438 mm, weight 9.4 kg
- **JACK-20T** Hydraulic jack, 20 tonnes. Low manual pumping force facilitates use in uncomfortable positions. Has a release valve, which permits safe, easy and precise control over rate of lowering and a filter in the oil reservoir gives protection from contamination. For FM: Height 190-325 mm, weight 10.5 kg For FH: height 240-467 mm, weight 13.3 kg
- **TOOLKIT** This kit consists of a tool bag (case) including the following tools:
 - Combination screwdriver.
 - 1 screwdriver handle
 - 1 blade, Phillips/flat blade
 - 1 blade, Torx T10/Torx T20
 - 1 blade, Torx T25/Torx T27

■ Standard Equipment □ Optional Equipment

For more detailed information about cab and powertrain equipment, please refer to separate specification sheets.

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<ul style="list-style-type: none"> - 1 blade, Torx T30/Torx T40 • Socket wrench. • Adjustable pliers. • Allen key. • Adjustable spanner. • Hammer. 	<ul style="list-style-type: none"> ■ INFLAHOS Tyre inflation hose 18 m. The air is supplied by a chassis-mounted pneumatic outlet (must be ordered separately). □ GAUGE-TP Tyre pressure gauge 	<ul style="list-style-type: none"> □ HPE-F51 Engine-mounted hydraulic pump F1-51, fixed displacement, single flow □ HPE-F61 Engine-mounted hydraulic pump F1-61, fixed displacement, single flow □ HPE-F81 Engine-mounted hydraulic pump F1-81, fixed displacement, single flow □ HPE-T53 Engine-mounted hydraulic pump F2-53/53, fixed displacement, twin flow □ HPE-T70 Engine-mounted hydraulic pump F2-70/35, fixed displacement, twin flow □ HPE-V45 Engine-mounted hydraulic pump VP1-45, variable displacement, single flow □ HPE-V75 Engine-mounted hydraulic pump VP1-75, variable displacement, single flow
<p>Powertrain equipment</p>		
<ul style="list-style-type: none"> □ TRAP-HD Reinforced gearbox range housing ■ DRM-BE I-Shift drive modes Economy, Standard and Performance □ DRM-E I-Shift drive mode Economy ■ PVT-MTM I-See ■ CRUIS-E I-Cruise cruise control, I-Roll included □ CRUIS-E5 I-Torque cruise control, optimized for fuel economy, I-Roll included □ AMSO-AUT I-Shift manual gear shifting available in automatic mode, including kick-down function □ AVO-ENH I-Shift with enhanced software for construction and off-road applications □ APF-ENH I-Shift with enhanced PTO functions (Auto neutral for p. brake/Reverse inhibit/Split box connection) □ CD43-O Dual-plate clutch, plate diameter 430 mm ■ TC-MAOH2 Extra high performance cooler for manual/I-shift gearboxes - air/oil □ TC-MWO Basic performance cooler for manual/I-Shift gearboxes - water/oil □ TC-MWOH2 High performance cooler for manual/I-Shift gearboxes - water/oil □ 2COM1080 Dual-cylinder air compressor 704 cc, 1080 l/min □ 2COM1100 Dual-cylinder air compressor 760 cc, 1100 l/min □ 2COMP870 Dual-cylinder, two-stage air compressor 560 cc, 870 l/min ■ 2COMP900 Dual-cylinder air compressor 636 cc, 900 l/min □ CLU-AIRC Air compressor clutch with automatic declutching when not needed, to save fuel ■ AIRIN-HI High air inlet □ AIRIN-LO Low air inlet □ ACL1ST-S Air cleaner with extra filter element □ 24A110BL Alternator 110 Ampere □ 24A150BL Alternator 150 Ampere ■ 24A180BL Alternator 180 Ampere □ 24AL110B Alternator 110 Ampere □ 24AL150B Alternator 150 Ampere □ CCV-C Closed crankcase ventilation □ CCV-O Open crankcase ventilation ■ CCV-OX Open extended crankcase ventilation with oil separator and maintenance-free gas centrifuge □ AF-E Electrically heated fuel filter ■ AF-R Hot fuel recirculation heated fuel filter ■ FUEFE2LW Large engine-mounted dual fuel filter with water separator and drain □ FUEFE2SW Small engine-mounted dual fuel filter with water separator and drain (for good fuel quality) ■ EST-AID Engine intake air heater □ 220EBH15 Engine block heater, 220 V, 1.5 kW □ PTER-DIN Rear engine, clutch-ind. PTO, splined shaft groove (fem), close-coupled pump DIN 5462/ISO7653 □ HPE-F101 Engine-mounted hydraulic pump F1-101, fixed displacement, single flow □ HPE-F41 Engine-mounted hydraulic pump F1-41, fixed displacement, single flow 	<ul style="list-style-type: none"> □ PTR-D Gearbox low-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 1000 Nm □ PTR-DH Gearbox high-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm □ PTR-DM Gearbox medium-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm □ PTR-F Gearbox low-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 1000 Nm □ PTRD-D Gearbox high-speed PTO, 1 rear + 1 front DIN 5462/ISO 7653 for plug-in pumps, 870 Nm □ PTRD-F Gearbox high-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 870 Nm □ HPG-F101 Gearbox-mounted hydraulic pump F1-101, fixed displacement, single flow □ HPG-F41 Gearbox-mounted hydraulic pump F1-41, fixed displacement, single flow □ HPG-F51 Gearbox-mounted hydraulic pump F1-51, fixed displacement, single flow □ HPG-F61 Gearbox-mounted hydraulic pump F1-61, fixed displacement, single flow □ HPG-F81 Gearbox-mounted hydraulic pump F1-81, fixed displacement, single flow 	<p>Cab Interior, Driving</p> <ul style="list-style-type: none"> ■ STWPOS-L Left-hand drive □ STWPOS-R Right-hand drive □ STWM-LE Steering wheel material leather ■ STGW-AD2 Manually adjustable steering wheel with neck tilt ■ STGW-ADJ Manually adjustable steering wheel □ AIRBAG Airbag on driver's side ■ DRC-AMII Regeneration control for DPF, initiation: automatic or manual, inhibition: manual □ 1DAYB One-day analogue tachograph, basic □ 1DAYDIG One-day digital tachograph, EC approved ■ TAC-PK2 Preparation kit for tachograph □ ARSL Additional road speed limiter control (switch in dashboard) ■ ACCLF-D Volvo torque assist - Disabled □ ACCLF-E Volvo torque assist - Enabled □ ESP-BAS1 ESP for tractor combinations with ABS/EBS or rigid vehicles/combinations with std center of gravity □ ESPC-RO Electronic stability program functionality control, switch - On/Reduced/Off □ HWSS-ACB Adaptive cruise control with forward collision warning (stationary and moving objects) and emergency braking. Using both radar and camera to collect info. □ HWSS-FCB Collision Warning with Emergency Brake (forward) □ LSS-DW Lane Keeping Support - lane departure warning □ LSS-DW3 Pilot Assist - active, continuous lane keeping □ LCS2 Side Collision Avoidance Support, passenger side collision warning (sound and visual information), passenger side □ LCS3 Active Side Collision Avoidance Support, Collision Warning (sound and visual information) with Emergency Brake, passenger side
<p>■ Standard Equipment □ Optional Equipment</p>		

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<input type="checkbox"/> LCS5	Active Side Collision Avoidance Support: Collision Warning for both sides (sound and visual information) and Emergency Brake for passenger side	<input type="checkbox"/> ARU-LEA	Leather armrest upholstery
<input type="checkbox"/> DAS-W	Driver Alert Support	<input checked="" type="checkbox"/> GRABHI-B	Instep grab handle, basic
<input type="checkbox"/> RSSENS-W	Wipers rain sensor	<input checked="" type="checkbox"/> FMAT-RUB	Black rubber floor mats
<input type="checkbox"/> CU-ECC	Automatic climate control with sun sensor	<input type="checkbox"/> FMAT-TX2	Two textile (dark grey on FH/FM/FMX, black on FH16) and two black rubber floor mats
<input type="checkbox"/> CU-ECC2	Automatic climate control with sun sensor, humidity sensor, air quality sensor and carbon filter	<input type="checkbox"/> LBK70	Lower fixed bed 2000x700 mm, non-foldable, safety net included
<input checked="" type="checkbox"/> CU-MCC	Manual climate control (heater/cooler function)	<input type="checkbox"/> MATL-FI	Mattress lower bed firm, pocket springs, recommended for body weight over 100 kg
<input checked="" type="checkbox"/> IGT-BUT	Push button ignition	<input type="checkbox"/> MATL-SF	Mattress lower bed semi-firm, pocket springs, recommended for body weight up to 100 kg
<input type="checkbox"/> IMMOBIL	Immobiliser	<input type="checkbox"/> OLMAT-BA	Overlay mattress, 28 mm thick black textile
<input type="checkbox"/> ALARM-E	Anti-theft alarm for cab, superstructure and trailer	<input type="checkbox"/> OLMAT-PR	Overlay mattress Premium, 35 mm thick black textile
<input type="checkbox"/> PHONE-PK		<input type="checkbox"/> TBK60F	Fixed top bed 600x1900 mm, foldable up to 52° (depending on cab & upper storage), net included
<input type="checkbox"/> ISUNS-BS	Side interior roller blind on both sides, manually manoeuvred	<input type="checkbox"/> TBK70F	Fixed top bed 700x1900 mm, foldable up to 52° (depending on cab & upper storage), net included
<input checked="" type="checkbox"/> ISUNS-DS	Side interior roller blind on driver's side, manually manoeuvred	<input type="checkbox"/> PH-CAB2	Cab parking heater, 2 kW
<input type="checkbox"/> ISUNF-B		<input type="checkbox"/> PH-ENGCA	Engine and cab parking heater
<input type="checkbox"/> ISUNF-MD		<input type="checkbox"/> PH-SS	Short stop cab heater
<input type="checkbox"/> ISUNF-RE	Interior roller blind, integrated in front shelf, electrically manoeuvred	<input type="checkbox"/> SLCP-BAS	Basic sleeper control panel (interior light, parking heater, roof hatch, door locks)
<input checked="" type="checkbox"/> ISUNF-RM	Interior roller blind, integrated in front shelf, manually manoeuvred	<input type="checkbox"/> ETSB-F	Storage at front of engine tunnel
<input type="checkbox"/> ADFS	Two extra DIN slots in front shelf, 165x40x180 mm (W x H x D)	<input type="checkbox"/> ETSB-FR	Storage at back of engine tunnel and at back, against rear cab wall
<input checked="" type="checkbox"/> BUPALARM	Reversing warning	<input type="checkbox"/> ETSB-FRS	Storage at front of engine tunnel and immersed in RH side of tunnel
<input type="checkbox"/> LOADIND	Load indicator, shown in instrument display and side display	<input type="checkbox"/> ETSB-FS	Storage at back of engine tunnel, at back against rear cab wall and immersed in RH side of tunnel
<input type="checkbox"/> REMC-MF	Wireless remote control, multi-functional	<input type="checkbox"/> ETSB-R	Storage at back of engine tunnel, against rear cab wall
<input checked="" type="checkbox"/> FIREXT3S	Fire extinguisher 3 kg, Swedish/English decal	<input type="checkbox"/> ETSB-RS	Storage immersed in RH side of engine tunnel and at back against rear cab wall
<input checked="" type="checkbox"/> WARNEST	Reflective vest, fulfils European standard EN 471 class 2	<input type="checkbox"/> ETSB-S	Storage immersed in RH side of engine tunnel
<input checked="" type="checkbox"/> WARNTRI2	Two warning triangles	<input type="checkbox"/> RUS-BAS	Storage in rear upper cab, 154 litres (300 mm high)
<input type="checkbox"/> AIDKIT	First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors.	<input type="checkbox"/> RUS-HIG	Storage in rear upper cab, 245 litres (440 mm high)
<input type="checkbox"/> AIDKIT1B	First aid kit containing sticking plaster, compresses, elastic bandages, gloves, scissors, triangular bandage, bandaging cloths, adhesive tape and rescue sheet (German requirements)	<input type="checkbox"/> REF-ICPK	Preparation kit for refrigerator
<input type="checkbox"/> WARNLAMP	Portable amber and white warning lamp with batteries	<input type="checkbox"/> REFR-RUS	Refrigerator 28-litre, with dividers, on rear upper wall
<input type="checkbox"/> LAMP-IN	Inspection lamp with 10 m cable	<input type="checkbox"/> MICRO-PK	Preparation kit for microwave oven (electrical cables to front shelf)
<input type="checkbox"/> BULBKIT	Bulb and fuse kit	<input checked="" type="checkbox"/> BOTH-D	One bottle holder under dashboard centre section
<input type="checkbox"/> WRITEPAD	Writing pad with paper clamp	<input type="checkbox"/> COFMA-PK	Preparation kit (24 V) for coffee maker
Cab Interior, Living		<input checked="" type="checkbox"/> INLI-BAS	Interior white light with smooth light transition at on/off, no dimming
<input type="checkbox"/> DST-CF1	Driver's seat Comfort	<input type="checkbox"/> INLI-NL	Interior white and red (night) light with smooth light transition at on/off
<input checked="" type="checkbox"/> DST-CF4	Driver's seat Comfort, belt in seat	<input type="checkbox"/> INLI-NLD	Interior white and red (night) light with smooth light transition at on/off and dimmer
<input type="checkbox"/> DST-CF5	Driver's seat Comfort, belt in seat, heated, adjustable lumbar&side support, extendable seat cushion	<input type="checkbox"/> ARL-FLEX	Two (driver and passenger side) LED reading lamps with flexible arms, mounted on sidewalls
<input type="checkbox"/> DST-CF6	Driver's seat Comfort, belt in seat, heated, ventilated	<input checked="" type="checkbox"/> RH-EE	Roof skylight/emergency exit, tinted glass (not a hatch)
<input type="checkbox"/> DST-LUX1	Driver's seat Deluxe, belt in seat, heated, ventilated	<input type="checkbox"/> RH-ER	Roof hatch, electrically operated, steel, with emergency exit handle
<input type="checkbox"/> SBD-RED	Red safety belts, passenger and driver seats	<input type="checkbox"/> RH-ETR	Roof hatch, electrically operated, tinted glass, rear opening 50 mm
<input type="checkbox"/> SBPRE-DS	Driver's seat belt pretensioner	<input type="checkbox"/> RH-MTR	Roof hatch, manually operated, tinted glass, rear opening 50 mm
<input type="checkbox"/> PST-BAS1	Passenger seat Basic, non-suspended	<input checked="" type="checkbox"/> GLAS-TIN	Tinted windows
<input checked="" type="checkbox"/> PST-CF4	Passenger seat Comfort, suspended, belt in seat	<input type="checkbox"/> GLAS-UNT	Untinted windows
<input type="checkbox"/> PST-CF5	Passenger seat Comfort, suspended, belt in seat, electrically heated	<input type="checkbox"/> SWIND-BS	Rear side window on both sides
<input type="checkbox"/> PST-STD2	Passenger seat Regular, non-suspended	<input type="checkbox"/> SWIND-PS	Rear side window on passenger side
<input type="checkbox"/> PST-STD4	Passenger seat Regular, suspended	<input type="checkbox"/> AWIND-RF	Fixed window in back of cab (without curtains)
<input type="checkbox"/> SBPRE-PS	Passenger seat belt pretensioner	<input type="checkbox"/> VANMIR	Vanity mirror in front shelf lid
<input type="checkbox"/> ARMRE-BB	Two armrests on both driver's and passenger seats		
<input type="checkbox"/> ARMRE-DB	Two armrests on driver's seat		
<input type="checkbox"/> ARMRE-PB	Two armrests on passenger seat		
<input type="checkbox"/> ARU-BAS	Vinyl armrest upholstery		

Standard Equipment Optional Equipment

For more detailed information about cab and powertrain equipment, please refer to separate specification sheets.

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MODEL RANGE

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

- AS-FUS** One extra shelf in each of the two front upper storage compartments
- INFOT-PK** Preparation kit (bracket, security straps, and antenna cable) for mounting of TV above driver door

Cab exterior

- **DGLAS-H** Tempered door window glass
- DGLAS-L** Laminated window glass in doors. The glass can crack, but retains its protective effect. It also provides better sound insulation.
- **BUMP-HD** Heavy-duty front bumper
- AUXFS** Extra footstep in cab side
- GUARD-EH** Guard plate for cooling pipes and oil sump
- SIDEH-B** Guide rail on day cab, driver's side
- SIDSTP-R** Side ladder and guide rail on day cab, driver's side
- **BUGNET** Insect screen (PVC-coated fibreglass) in front of radiator
- **CTILT-P-E** Electric cab tilt pump
- FCABS-A** Air front cab suspension
- **FCABS-M** Mechanical front cab suspension
- RCABS-A** Air rear cab suspension
- **RCABS-M** Mechanical rear cab suspension
- MIRCFCPX** Rear-view and wide-angle mirrors (both sides), passenger corner camera (FMX)
- MIRCMCP** Camera Monitor System and passenger corner camera
- 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-IL** Roof sign illumination
- ROS-IL2** Preparation kit for installation of roof sign illumination

- ROS-ILP** Wiring kit for 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
- HORN-R2S** Two chromed single-tone air horns on the roof, operated by steering wheel buttons
- ANT-CBR** Preparation kit for communication/CB radio: roof-mounted single antenna and wiring
- ACCBR-AP** Accessory brackets mounted on front roof, midroof and rear roof
- ACCBR-F** Accessory bracket mounted on front roof
- ACCBR-FM** Accessory brackets mounted on front roof and midroof
- ACCBR-FR** Accessory brackets mounted on front and rear roof
- ACCBR-M** Accessory bracket mounted on midroof
- ACCBR-R** Accessory brackets mounted on mid-roof and rear roof
- ACCBR-RM** Accessory bracket mounted on rear roof

Superstructure preparations

- SRWL-2RW** 2 white LED reverse/work lamps, rear-facing on rear chassis, 3-pos switch (On/Off/Reverse auto On)
- 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**
- 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-BTSP** 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

■ Standard Equipment □ Optional Equipment

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- **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)

Services

- **TGW-4GWL** Telematics gateway with 4G modem and WLAN
- **TGW-PK** Telematics gateway preparation kit
- **FMS-PK** Fleet management system gateway, preparation kit
- **TSRS2** Road sign recognition (not ISA compliant)