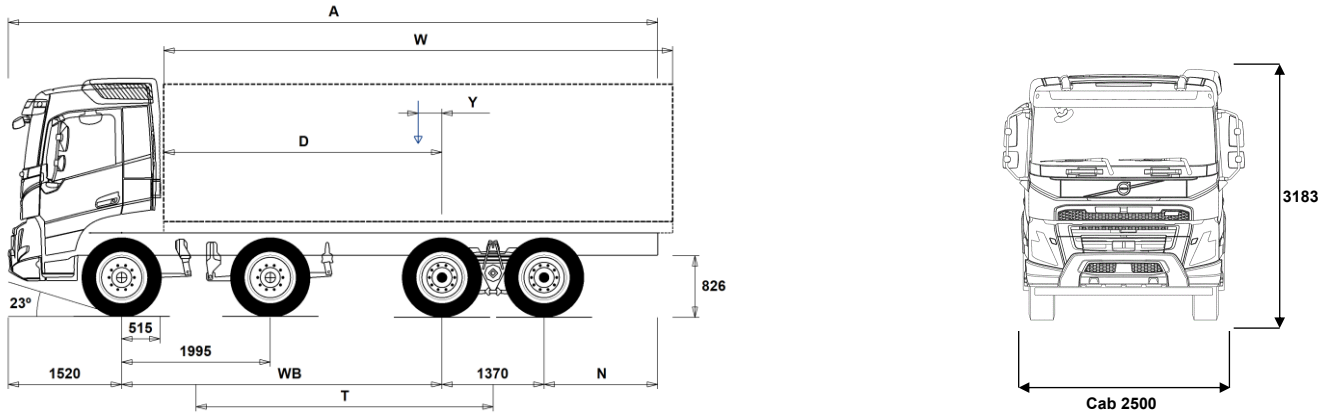


MODEL RANGE

FMX D13 84 Rigid Dual Front Axles Diesel Rear Leaf FMX 84RF 3L



Chassis Dimensions [mm]

WB Wheelbase	4300	4350	4600	4900	5100	5600	6400
A Overall Chassis Length	9565	9665	10015	10465	10815	11565	11765
D Center of rear axle to front of body	3735	3785	4035	4335	4535	5035	5835
N Rear Overhang (Min.)	825	825	825	825	715	715	1225
N Rear Overhang (Max.)	2375	2425	2525	2675	2825	3075	2475
T Theoretical Wheelbase	3988	4038	4288	4588	4788	5288	6088
Y Center of Gravity for Payload (Min.)	491	508	587	685	750	911	1237
Y Center of Gravity for Payload (Max.)	491	508	587	685	750	911	1237
W Body Length (Min.)	6487	6553	6895	7300	7570	8246	9196
W Body Length (Max.)	6487	6553	6895	7300	7570	8246	9196

Chassis Weights [kg]

Front Axles	6720	6710	6705	6680	6670	6645	6305
Rear Bogie	2995	3010	3090	3155	3215	3310	3490
Kerb Weight	9715	9720	9795	9835	9885	9955	9795
Payload (including body, driver, fuel, etc.)	21285	21280	21205	21165	21115	21045	21205

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	18100	18200	19000	20000	20600	22200	24800
Turning Circle Diameter Wall to Wall	19500	19700	20500	21400	22100	23700	26300

Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	31000	42000
Gross Combination Weight	35000	44000
Front Axles	13000	16000
Rear Bogie	18000	26000

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.

Weight and dimensions are based upon the following tyres:

Front Axle Tyres: 315/80R22.5
 Drive 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.

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 FMX84RF3L.

MODEL RANGE

FMX D13 84 Rigid Dual Front Axles Diesel Rear Leaf FMX 84RF 3L

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-VROUG** Very rough road conditions: more than 5% of the driven distance is on extremely poor roads or off-road.
- **TIPP-PRE** Tipper vehicle preparation
- **UNIFORM** Basic platform vehicle

Core components

- **CHH-HIGH** Chassis height high - approx. 1000 mm above ground level
- **CHH-XHIGH** Chassis height extra high - approx. 1030 mm above ground level
- **RADD-TR1** Rear leaf suspension - two axles, both driving (max. technical bogie load 26 tonnes)
- **RADD-TR2** Rear leaf suspension - two axles, both driving (max. technical bogie load 32 tonnes)
- **RADD-TR3** Rear leaf suspension - two axles, both driving (max. technical bogie load 38 tonnes)
- **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
- **EU3** Euro 3 emission level
- **EU4SCR** Euro 4 with Selective Catalytic Reduction (SCR)
- **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
- **D13A380** Diesel engine, Euro 4, 12.8 litres, 380 hp/280 kW, 1900 Nm
- **D13A400** Diesel engine, Euro 3, 12.8 litres, 400 hp/294 kW, 2000 Nm
- **D13A420** Diesel engine, Euro 4, 12.8 litres, 420 hp/309 kW, 2100 Nm
- **D13A440** Diesel engine, Euro 3, 12.8 litres, 440 hp/324 kW, 2200 Nm
- **D13A460** Diesel engine, Euro 4, 12.8 litres, 460 hp/338 kW, 2300 Nm
- **D13A480** Diesel engine, Euro 3, 12.8 litres, 480 hp/353 kW, 2400 Nm
- **D13A500** Diesel engine, Euro 4, 12.8 litres, 500 hp/368 kW, 2500 Nm
- **D13A520** Diesel engine, Euro 3, 12.8 litres, 520 hp/382 kW, 2500 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-EPG** Engine brake with exhaust pressure governor
- **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
- **PT2606** Powertronic 6-speed powershift gearbox, 2600 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
- **RTH3210F** Rear hub reduction tandem axle - bogie load 32 tonnes, GCW 100 tonnes, version F

- **RTH3212F** Rear hub reduction tandem axle - bogie load 32 tonnes, GCW 120 tonnes, version F
- **RTH3312** Rear hub reduction tandem axle - bogie load 33 tonnes, GCW 120 tonnes
- **RTH3815** Rear hub reduction tandem axle - bogie load 38 tonnes, GCW 150 tonnes
- **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)
- **SAFEBAS** Active Safety Basic package (outside Europe)
- **SAFEBAS2** Active Safety Basic package (outside Europe)
- **SAFEPLUS** Active Safety Plus package (outside Europe)
- **SAFEPLUS2** Active Safety Plus package (outside Europe)

Chassis

- **FST-PAR** Two-leaf front parabolic springs (normal stiffness)
- **FST-PAR3** Three-leaf front parabolic springs (stiffer than normal)
- **FST-PAR5** Four-leaf front parabolic springs (extra stiff)
- **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
- **FSTAB** Front anti-roll bar, normal stiffness
- **FSTAB2** Front anti-roll bar, high stiffness
- **FSTAB3** Front anti-roll bar, extra-high stiffness
- **RAL21** Rear axles load 21 tonnes
- **RAL23** Rear axles load 23 tonnes
- **RAL26** Rear axles load 26 tonnes
- **RAL32** Rear axles load 32 tonnes
- **RAL38** Rear axles load 38 tonnes
- **RSTAB1** Rear anti-roll bar, normal stiffness
- **RSAP2** Heavy duty rear suspension application (with reinforcements)
- **ACTST-TO** Volvo Dynamic Steering
- **ASFE-BAS** Volvo Dynamic Steering, basic
- **ASFE-PS** Volvo Dynamic Steering with Personal Settings
- **PSS-DUAL** Dual power steering system
- **PSS-SING** Single power steering system
- **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-MUL** Rear multi-leaf springs
- **RST-PAR1** Rear parabolic leaf springs
- **RST-PAR5** Rear parabolic leaf springs
- **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
- **FIL-FBEB** Frame inner liner from front of bogie to end of bogie
- **FIL-FBEF** Frame inner liner from front of bogie to end of frame
- **FIL-TXEB** Frame inner liner from transmission cross member to end of bogie
- **FIL-TXEF** Frame inner liner from transmission cross member 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

■ Standard Equipment □ Optional Equipment

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MODEL RANGE

FMX D13 84 Rigid Dual Front Axles Diesel Rear Leaf FMX 84RF 3L

<input type="checkbox"/> BATTIND	Battery voltmeter, ammeter and battery status gauge with visual alerts		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.
<input type="checkbox"/> ADR1	ADR adaptation, 1 switch in dashboard	<input type="checkbox"/> TREL-PK	Trailer electrical preparation kit (chassis/cab wiring)
<input type="checkbox"/> ADR2	ADR adaptation, 1 switch in dashboard, 1 outside on back of cab	<input type="checkbox"/> TREL14	14-pin trailer connection
<input type="checkbox"/> MSWI-A	ADR main switch	<input type="checkbox"/> TREL15	15-pin trailer connection (ADR certified)
<input checked="" type="checkbox"/> MSWI-C	Main switch on chassis	<input type="checkbox"/> TREL7	7-pin trailer connection (ISO 24N)
<input type="checkbox"/> MSWI-R	Key remote controlled main switch	<input type="checkbox"/> TREL7-7	2x7-pin trailer connection (ISO 24N+24S, non-ADR)
<input checked="" type="checkbox"/> R405A71	Right 405-litre, D-shaped aluminium fuel tank, 710 mm high Min volume 255l Max volume 810l	<input type="checkbox"/> TBC-EC	Trailer brake connection, European Community
<input checked="" type="checkbox"/> UL-FUEL	Without left side fuel tank Min volume 160l Max volume 450l	<input type="checkbox"/> TRBR-HCF	Full-pressure, hand-controlled trailer brake check (8 bar)
<input checked="" type="checkbox"/> ADTP-L	AdBlue tank on left hand side	<input type="checkbox"/> TRBR-HCR	Reduced-pressure, hand-controlled trailer brake check (4 bar)
<input type="checkbox"/> ADTP-LF	AdBlue tank on left hand side at the front	<input type="checkbox"/> TRBR-STA	Stationary trailer brake check
<input type="checkbox"/> ADTP-R	AdBlue tank on right hand side	<input type="checkbox"/> TRB-STRE	Stretch brake, trailer brake activation at low speeds to avoid jack-knifing and improve stability
<input type="checkbox"/> ADB032	AdBlue tank: usable volume 32 litres, mounted between front axles	<input type="checkbox"/> FFEND-B	Mudguards on second front axle
<input type="checkbox"/> ADB048	AdBlue tank: usable volume 48 litres, 560 mm high, mounted on chassis side	<input type="checkbox"/> FFEND-T	Transport-mounted mudguards on second front axle
<input checked="" type="checkbox"/> ADB064	AdBlue tank: usable volume 64 litres, 710 mm high, mounted on chassis side	<input type="checkbox"/> RFEND-B	Rear 3-piece mudguards (anti-spray) on all rear axles
<input checked="" type="checkbox"/> FCAP-L	Lockable diesel and AdBlue filler caps	<input type="checkbox"/> RFEND-T	Transport mudguard
<input checked="" type="checkbox"/> FUFF-AS	Fuel filling anti-spillage device	<input type="checkbox"/> RFH-BAS	Basic mudguard installation height on 2nd front axle and rear axles
<input type="checkbox"/> FUFF-ATS	Fuel filling anti-theft and anti-spillage device	<input type="checkbox"/> RFH-HIG	High mudguard installation height on 2nd front axle and rear axles
<input type="checkbox"/> ESH-LEFT	Horizontal silencer, left exhaust outlet	<input type="checkbox"/> RFH-LOW	Low mudguard installation height on 2nd front axle and rear axles
<input checked="" type="checkbox"/> ESH-REAR	Horizontal silencer, rear exhaust outlet	<input type="checkbox"/> ATANK-AL	Aluminium air tanks
<input type="checkbox"/> ESH-RIGH	Horizontal silencer, right exhaust outlet	<input checked="" type="checkbox"/> ATANK-ST	Steel air tanks
<input type="checkbox"/> ESH-VERT	Horizontal silencer, vertical exhaust outlet on right-hand side	<input type="checkbox"/> 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)
<input type="checkbox"/> ESV-LEFT	Vertical silencer, vertical exhaust outlet on right-hand side	<input checked="" type="checkbox"/> 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/s ² or more. The function deactivates when retardation is less than 2.5 m/s ² .
<input type="checkbox"/> EXST-SSP	Vertical exhaust top pipe, bright polished stainless steel		
<input type="checkbox"/> EXST-ST	Vertical exhaust top pipe, aluminised steel		
<input type="checkbox"/> WHC-FIX2	Two non-collapsible wheel chocks		
<input checked="" type="checkbox"/> WHC-FOL2	Two collapsible wheel chocks		
<input type="checkbox"/> WHCP-F	Wheel chock holder in the front part of the vehicle		
<input type="checkbox"/> WHCP-R	Wheel chock holder in the rear part of the vehicle		
<input checked="" type="checkbox"/> WHCP-T	Wheel chock holder by-packed in cab outer luggage compartment		
<input type="checkbox"/> TB-L80	Tool box on left-hand side, 205-litre - width 730 mm, height 590, depth 595 mm		
<input type="checkbox"/> TB-R80	Tool box on right-hand side, 205-litre - width 730 mm, height 590, depth 595 mm		
<input type="checkbox"/> SUP-BAS	Standard side underrun protection, aluminium		
<input type="checkbox"/> CHAIN-S	Snow chains		
<input type="checkbox"/> HOOK-SC	Snow chain hooks		
<input type="checkbox"/> TOWMBRH	Towing member, high-mounted in centre of frame		
<input type="checkbox"/> TOWMBRL1	Towing member, low-mounted under frame		
<input type="checkbox"/> TOWMBRM	Towing member, medium-mounted in line with lower frame flange		
<input checked="" type="checkbox"/> RFEC-S	Straight-cut rear frame end		
<input type="checkbox"/> RFEC-U	Upper corner cut on rear frame end (for e.g. tipper, refuse and hook lift applications)		
<input type="checkbox"/> C-RI4040	Coupling Ringfeder 4040A G-150		
<input type="checkbox"/> C-RI4045	Coupling Ringfeder 4045A G-150		
<input type="checkbox"/> C-RI5050	Coupling Ringfeder 5050A G-150		
<input type="checkbox"/> C-RO400G	Coupling Rockinger 400 G-150		
<input type="checkbox"/> C-RO50	Coupling Rockinger 50 mm		
<input type="checkbox"/> C-VBG520	Coupling VBG 5200D		
<input type="checkbox"/> C-VBG795	Coupling VBG 795V		
<input type="checkbox"/> 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		

■ Standard Equipment

□ Optional Equipment

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FMX D13 84 Rigid Dual Front Axles Diesel Rear Leaf FMX 84RF 3L

- **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, Philips/flat blade
 - 1 blade, Torx T10/Torx T20
 - 1 blade, Torx T25/Torx T27
 - 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).
- **GAUGE-TP** Tyre pressure gauge
- Powertrain equipment**
 - **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
 - **RET-TH** Gearbox-mounted, hydrodynamic oil retarder
 - **RET-TPT** Gearbox-mounted Powertronic primary retarder
 - **TC-HWO** Cooler for hydraulic gearboxes - water/oil
 - **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
- **FUEQ-EH** Fuel line electric heater
- **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-100** Rear engine, clutch-independent PTO, flange connection, DIN 100/ISO 7646
- **PTER-DIN** Rear engine, clutch-ind. PTO, splined shaft groove (fem), close-coupled pump DIN 5462/ISO7653
- **PTER1400** Rear engine, clutch-independent PTO, flange connection, SAE 1410/ISO 7647
- **HPE-F101** Engine-mounted hydraulic pump F1-101, fixed displacement, single flow
- **HPE-F41** Engine-mounted hydraulic pump F1-41, fixed displacement, single flow
- **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
- **PTPT-D** Gearbox PTO, 1 front/upper connection DIN 5462/ISO 7653 for plug-in pump, 850 Nm
- **PTPT-F** Gearbox PTO, 1 front/upper rear flange connection SAE 1410/ISO 7647 for propshaft, 850 Nm
- **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

Cab Interior, Driving

- **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

■ Standard Equipment □ Optional Equipment

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MODEL RANGE

FMX D13 84 Rigid Dual Front Axles Diesel Rear Leaf FMX 84RF 3L

<ul style="list-style-type: none"> ■ DRC-AMII Regeneration control for DPF, initiation: automatic or manual, inhibition: manual □ 1DAYB One-day analogue tachograph, basic ■ 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 □ LCS5 Active Side Collision Avoidance Support: Collision Warning for both sides (sound and visual information) and Emergency Brake for passenger side □ DAS-W Driver Alert Support □ RSSENS-W Wipers rain sensor □ CU-ECC Automatic climate control with sun sensor □ CU-ECC2 Automatic climate control with sun sensor, humidity sensor, air quality sensor and carbon filter ■ CU-MCC Manual climate control (heater/cooler function) ■ IGT-BUT Push button ignition □ IMMOBIL Immobiliser □ ALARM-E Anti-theft alarm for cab, superstructure and trailer □ PHONE-PK □ ISUNS-BS Side interior roller blind on both sides, manually manoeuvred ■ ISUNS-DS Side interior roller blind on driver's side, manually manoeuvred □ ISUNF-B □ ISUNF-MD □ ISUNF-RE Interior roller blind, integrated in front shelf, electrically manoeuvred ■ ISUNF-RM Interior roller blind, integrated in front shelf, manually manoeuvred □ ADFS Two extra DIN slots in front shelf, 165x40x180 mm (W x H x D) ■ BUPALARM Reversing warning □ REMC-MF Wireless remote control, multi-functional ■ FIREXT3S Fire extinguisher 3 kg, Swedish/English decal ■ WARNVEST Reflective vest, fulfils European standard EN 471 class 2 ■ WARNTRI2 Two warning triangles □ AIDKIT First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors. □ AIDKIT1B First aid kit containing sticking plaster, compresses, elastic bandages, gloves, scissors, triangular bandage, bandaging cloths, adhesive tape and rescue sheet (German requirements) □ WARNLAMP Portable amber and white warning lamp with batteries □ LAMP-IN Inspection lamp with 10 m cable □ BULBKIT Bulb and fuse kit 	<ul style="list-style-type: none"> □ WRITEPAD Writing pad with paper clamp <p>Cab Interior, Living</p> <ul style="list-style-type: none"> □ DST-CF1 Driver's seat Comfort ■ DST-CF4 Driver's seat Comfort, belt in seat □ DST-CF5 Driver's seat Comfort, belt in seat, heated, adjustable lumbar&side support, extendable seat cushion □ DST-CF6 Driver's seat Comfort, belt in seat, heated, ventilated □ DST-LUX1 Driver's seat Deluxe, belt in seat, heated, ventilated □ SBD-RED Red safety belts, passenger and driver seats □ SBPRE-DS Driver's seat belt pretensioner □ PST-BAS1 Passenger seat Basic, non-suspended ■ PST-CF4 Passenger seat Comfort, suspended, belt in seat □ PST-CF5 Passenger seat Comfort, suspended, belt in seat, electrically heated □ PST-STD2 Passenger seat Regular, non-suspended □ PST-STD4 Passenger seat Regular, suspended □ SBPRE-PS Passenger seat belt pretensioner □ ARMRE-BB Two armrests on both driver's and passenger seats □ ARMRE-DB Two armrests on driver's seat □ ARMRE-PB Two armrests on passenger seat □ ARU-BAS Vinyl armrest upholstery □ ARU-LEA Leather armrest upholstery ■ FMAT-RUB Black rubber floor mats □ FMAT-TX2 Two textile (dark grey on FH/FM/FMX, black on FH16) and two black rubber floor mats □ LBK70 Lower fixed bed 2000x700 mm, non-foldable, safety net included □ MATL-FI Mattress lower bed firm, pocket springs, recommended for body weight over 100 kg □ MATL-SF Mattress lower bed semi-firm, pocket springs, recommended for body weight up to 100 kg □ OLMAT-BA Overlay mattress, 28 mm thick black textile □ OLMAT-PR Overlay mattress Premium, 35 mm thick black textile □ TBK60F Fixed top bed 600x1900 mm, foldable up to 52° (depending on cab & upper storage), net included □ 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 □ PH-SS Short stop cab heater □ SLCP-BAS Basic sleeper control panel (interior light, parking heater, roof hatch, door locks) □ ETSB-F Storage at front of engine tunnel □ ETSB-FR Storage at back of engine tunnel and at back, against rear cab wall □ ETSB-FRS Storage at front of engine tunnel and immersed in RH side of tunnel □ ETSB-FS Storage at back of engine tunnel, at back against rear cab wall and immersed in RH side of tunnel □ ETSB-R Storage at back of engine tunnel, against rear cab wall □ ETSB-RS Storage immersed in RH side of engine tunnel and at back against rear cab wall □ ETSB-S Storage immersed in RH side of engine tunnel □ RUS-BAS Storage in rear upper cab, 154 litres (300 mm high) □ RUS-HIG Storage in rear upper cab, 245 litres (440 mm high) □ REF-ICPK Preparation kit for refrigerator □ REFR-RUS Refrigerator 28-litre, with dividers, on rear upper wall □ MICRO-PK Preparation kit for microwave oven (electrical cables to front shelf) ■ BOTH-D One bottle holder under dashboard centre section □ COFMA-PK Preparation kit (24 V) for coffee maker ■ INLI-BAS Interior white light with smooth light transition at on/off, no dimming
<ul style="list-style-type: none"> ■ 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 84 Rigid Dual Front Axles Diesel Rear Leaf FMX 84RF 3L

<input type="checkbox"/> INLI-NL	Interior white and red (night) light with smooth light transition at on/off	<input type="checkbox"/> HL-ADJ	Manually adjustable headlamp beam
<input type="checkbox"/> INLI-NLD	Interior white and red (night) light with smooth light transition at on/off and dimmer	<input checked="" type="checkbox"/> DRL-LED	Daytime running lamps (LED)
<input type="checkbox"/> ARL-FLEX	Two (driver and passenger side) LED reading lamps with flexible arms, mounted on sidewalls	<input type="checkbox"/> UDRL	Without daytime running lamps (LED)
<input checked="" type="checkbox"/> RH-EE	Roof skylight/emergency exit, tinted glass (not a hatch)	<input type="checkbox"/> ASL-RF2	Two LED spot lamps in sign box
<input type="checkbox"/> RH-ER	Roof hatch, electrically operated, steel, with emergency exit handle	<input type="checkbox"/> IDLAMP-A	Three amber identification lamps on mid front roof
<input type="checkbox"/> RH-ETR	Roof hatch, electrically operated, tinted glass, rear opening 50 mm	<input type="checkbox"/> IDLAMP-W	Three white identification lamps on mid front roof
<input type="checkbox"/> RH-MTR	Roof hatch, manually operated, tinted glass, rear opening 50 mm	<input type="checkbox"/> IDLMPSW	Switch in cab for identification lamps
<input checked="" type="checkbox"/> GLAS-TIN	Tinted windows	<input type="checkbox"/> BEACOA2F	Two amber LED beacons on cab front roof
<input type="checkbox"/> GLAS-UNT	Untinted windows	<input type="checkbox"/> BEACOA2R	Two amber LED beacons on cab rear roof
<input type="checkbox"/> SWIND-BS	Rear side window on both sides	<input type="checkbox"/> BEACON-P	Preparation kit for roof beacons
<input type="checkbox"/> SWIND-PS	Rear side window on passenger side	<input type="checkbox"/> BEACONA4	Four amber LED beacons on roof - two on front, two on rear
<input type="checkbox"/> AWIND-RF	Fixed window in back of cab (without curtains)	<input type="checkbox"/> CABPT-R1	One front cab roof pass-through on passenger side
<input type="checkbox"/> VANMIR	Vanity mirror in front shelf lid	<input type="checkbox"/> CABPT-R2	Two front cab roof pass-throughs, one on each side
<input type="checkbox"/> AS-FUS	One extra shelf in each of the two front upper storage compartments	<input type="checkbox"/> SPOTP-F	Preparation kit for spot lamp in cab front, max 280 W
<input type="checkbox"/> INFOT-PK	Preparation kit (bracket, security straps, and antenna cable) for mounting of TV above driver door	<input type="checkbox"/> SPOTP-R	Preparation kit for spot lamp in cab roof, max 280 W
		<input type="checkbox"/> SPOTP-RF	Preparation kit for spot lamp in cab roof and front, max 280 W
		<input type="checkbox"/> ROS-IL	Roof sign illumination
		<input type="checkbox"/> ROS-IL2	Preparation kit for installation of roof sign illumination
		<input type="checkbox"/> ROS-ILP	Wiring kit for roof sign illumination
		<input type="checkbox"/> CSGN-FMX	FMX decal in the roof sign box
		<input checked="" type="checkbox"/> HORN-F1S	Single-tone Jericho horn behind grille, operated by steering wheel buttons
		<input type="checkbox"/> HORN-R2S	Two chromed single-tone air horns on the roof, operated by steering wheel buttons
		<input type="checkbox"/> ANT-CBR	Preparation kit for communication/CB radio: roof-mounted single antenna and wiring
		<input type="checkbox"/> ACCBR-AP	Accessory brackets mounted on front roof, midroof and rear roof
		<input type="checkbox"/> ACCBR-F	Accessory bracket mounted on front roof
		<input type="checkbox"/> ACCBR-FM	Accessory brackets mounted on front roof and midroof
		<input type="checkbox"/> ACCBR-FR	Accessory brackets mounted on front and rear roof
		<input type="checkbox"/> ACCBR-M	Accessory bracket mounted on midroof
		<input type="checkbox"/> ACCBR-R	Accessory brackets mounted on mid-roof and rear roof
		<input type="checkbox"/> ACCBR-RM	Accessory bracket mounted on rear roof
			Superstructure preparations
		<input type="checkbox"/> SRWL-2RW	2 white LED reverse/work lamps, rear-facing on rear chassis, 3-pos switch (On/Off/Reverse auto On)
		<input type="checkbox"/> SRWL-PK	Preparation kit for LED reverse/work lamps at rear chassis, 3-pos switch (On/Off/Reverse auto On)
		<input type="checkbox"/> SWL-2FW	2 white LED work lamps at front of chassis, and a 2-position switch (On/Off)
		<input type="checkbox"/> SWL-2RW	2 white LED work lamps, rearward-facing on rear chassis (LH/RH side)
		<input type="checkbox"/> SWL-4W	4 white LED work lamps on chassis (2 front, 2 rear) and a flexible switch (On/Off)
		<input type="checkbox"/> SWL-PK	Preparation kit for LED work lamps on chassis, with a 2-pos switch (On/Off)
		<input type="checkbox"/> WL-CHPK	Preparation kit for work lamp (switch with cable to frame, by gearbox)
		<input type="checkbox"/> WLC-H2A	
		<input type="checkbox"/> WLC-H2W	2 white LED work lamps, high-mounted on back of cab (switch included)
		<input type="checkbox"/> WLC-PCKH	Preparation kit (cables and switch) for work lamp inside or outside superstructure
		<input type="checkbox"/> WLC-PKH	Preparation kit (cables and switch) for high-mounted work lamps on back of cab
		<input type="checkbox"/> WLC-PKL	Preparation kit (cables and switch) for low-mounted work lamps on back of cab
		<input type="checkbox"/> WLC-PKLH	Preparation kit (cables and switch) for low- and high-mounted work lamps on back of cab
		<input type="checkbox"/> ECBB-BAS	Body builder electrical centre, prepared for body builder module
		<input type="checkbox"/> ECBB-HIG	Body builder electrical centre, body builder module with 14 high and 4 low digital outlets
		<input checked="" type="checkbox"/> ECBB-MED	Body builder electrical centre, body builder module with 7 high and 4 low digital outlets
<input checked="" type="checkbox"/> Standard Equipment		<input type="checkbox"/> Optional Equipment	

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- **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)

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)