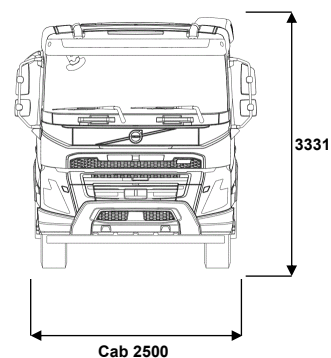
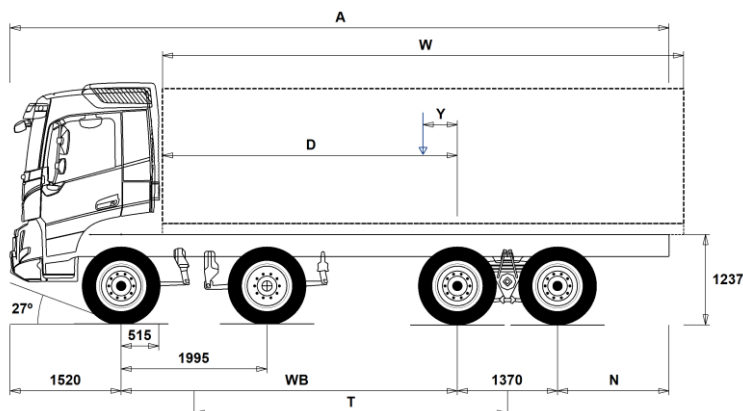


MODEL RANGE

FMX D13 86 Rigid Dual Front Axle (1 Driven) Diesel Rear Leaf FMX 86RF 3L



Chassis Dimensions [mm]

WB Wheelbase	4600	4900	5100	5600
A Overall Chassis Length	10715	10465	10815	11565
D Center of rear axle to front of body	4035	4335	4535	5035
N Rear Overhang (Min.)	825	825	825	825
N Rear Overhang (Max.)	3225	2675	2825	3075
T Theoretical Wheelbase	4288	4588	4788	5288
Y Center of Gravity for Payload (Min.)	460	539	596	738
Y Center of Gravity for Payload (Max.)	460	539	596	738
W Body Length (Min.)	7151	7594	7880	8596
W Body Length (Max.)	7151	7594	7880	8596

Chassis Weights [kg]

Front Axles	7785	7800	7785	7755
Rear Bogie	3440	3435	3495	3595
Kerb Weight	11225	11235	11280	11350
Payload (including body, driver, fuel, etc.)	30775	30765	30720	30650

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	19400	20300	21000	22600
Turning Circle Diameter Wall to Wall	20800	21700	22400	24000

Plated Weights [kg]

	Design
Gross Vehicle Weight	42000
Gross Combination Weight	60000
Front Axles	16000
Rear Bogie	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.
 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 $\pm 3\%$.

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 FMX86RF3L.

MODEL RANGE

FMX D13 86 Rigid Dual Front Axle (1 Driven) Diesel Rear Leaf FMX 86RF 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

- **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
- **EU5EEV** Euro 5, Enhanced Environmentally Friendly Vehicle (EEV)
- **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
- **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)
- **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

Packages

- **INFOBASE** Information package, basic (without side display)
- **INFOHIGH** Information package, high (with side display)

Chassis

- **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
- **RAL21** Rear axles load 21 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
- **PSS-DUAL** Dual power steering system
- **PSS-SING** Single power steering system
- **PSP-VAR** Power steering pump with variable displacement
- **EBS-MED** EBS (Electronic Braking System), Medium package
- **EBS-STD** EBS (Electronic Braking System), Standard package
- **AUXPARK** Extra parking brake on one axle
- **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-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
- **2BATT170** Batteries, 2x170 Ah
- **2BATT225** Batteries, 2x225 Ah
- **BATTAMP** Battery voltmeter and ammeter
- **BATTIND** Battery voltmeter, ammeter and battery status gauge with visual alerts
- **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 570l
- **UL-FUEL** Without left side fuel tank
- **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
- **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-REAR** Horizontal silencer, rear exhaust outlet
- **ESV-VERT** Vertical 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

■ 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.

MODEL RANGE

FMX D13 86 Rigid Dual Front Axle (1 Driven) Diesel Rear Leaf FMX 86RF 3L

□ 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 □ CHAIN-S Snow chains □ HOOK-SC Snow chain hooks ■ 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-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 □ TBC-EC Trailer brake connection, European Community □ 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 □ RUP-FOSL Foldable and slidable aluminium rear underrun protection, not UN/ECE R58.03 compliant □ FFEND-T Transport-mounted mudguards on second front axle □ RFEND-B Rear 3-piece mudguards (anti-spray) on all rear axles □ 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-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.	■ 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 – 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-BAS 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) □ 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-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 ■ PRIM-EL Electrical priming pump for removal of air in the fuel system □ PRIM-MAN Manual priming pump for removal of air in the fuel system □ 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)	

Rims and tyres

- **RT-STEEL** Steel rims on all axles
- **SPWT-D** Spare driving wheel
- **SPWT-F** Spare front wheel
- **SWCP-T** Spare wheel transport-mounted on top of frame
- **SWCP-TP** Spare wheel and carrier transport-mounted on top of frame
- **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

■ 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.

MODEL RANGE

FMX D13 86 Rigid Dual Front Axle (1 Driven) Diesel Rear Leaf FMX 86RF 3L

■ EST-AID	Engine intake air heater	□ LCS2	Side Collision Avoidance Support, passenger side collision warning (sound and visual information), passenger side
□ 220EBH15	Engine block heater, 220 V, 1.5 kW	■ LCS4	Side Collision Avoidance Support, side collision warning, both sides
□ PTER-100	Rear engine, clutch-independent PTO, flange connection, DIN 100/ISO 7646	■ DAS-W	Driver Alert Support
□ PTER-DIN	Rear engine, clutch-ind. PTO, splined shaft groove (fem), close-coupled pump DIN 5462/ISO7653	□ RSENS-W	Wipers rain sensor
□ HPE-F101	Engine-mounted hydraulic pump F1-101, fixed displacement, single flow	■ CU-ECC	Automatic climate control with sun sensor
□ HPE-F41	Engine-mounted hydraulic pump F1-41, fixed displacement, single flow	□ CU-ECC2	Automatic climate control with sun sensor, humidity sensor, air quality sensor and carbon filter
□ HPE-F51	Engine-mounted hydraulic pump F1-51, fixed displacement, single flow	□ CU-MCC	Manual climate control (heater/cooler function)
□ HPE-F61	Engine-mounted hydraulic pump F1-61, fixed displacement, single flow	■ IGT-BUT	Push button ignition
□ HPE-F81	Engine-mounted hydraulic pump F1-81, fixed displacement, single flow	■ IMMOBIL	Immobiliser
□ HPE-T53	Engine-mounted hydraulic pump F2-53/53, fixed displacement, twin flow	□ ALARM-E	Anti-theft alarm for cab, superstructure and trailer
□ HPE-T70	Engine-mounted hydraulic pump F2-70/35, fixed displacement, twin flow	■ BUPMON	Reversing camera
□ HPE-V45	Engine-mounted hydraulic pump VP1-45, variable displacement, single flow	□ PHONE-PK	
□ HPE-V75	Engine-mounted hydraulic pump VP1-75, variable displacement, single flow	□ ISUNS-BS	Side interior roller blind on both sides, manually manoeuvred
□ PTPT-D	Gearbox PTO, 1 front/upper connection DIN 5462/ISO 7653 for plug-in pump, 850 Nm	■ ISUNS-DS	Side interior roller blind on driver's side, manually manoeuvred
□ PTPT-F	Gearbox PTO, 1 front/upper rear flange connection SAE 1410/ISO 7647 for propshaft, 850 Nm	□ ISUNF-RE	Interior roller blind, integrated in front shelf, electrically manoeuvred
□ PTR-D	Gearbox low-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 1000 Nm	■ ISUNF-RM	Interior roller blind, integrated in front shelf, manually manoeuvred
□ PTR-DH	Gearbox high-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm	□ ADFS	Two extra DIN slots in front shelf, 165x40x180 mm (W x H x D)
□ PTR-DM	Gearbox medium-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm	■ BUPALARM	Reversing warning
□ PTR-F	Gearbox low-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 1000 Nm	■ REMC-MF	Wireless remote control, multi-functional
□ PTRD-D	Gearbox high-speed PTO, 1 rear + 1 front DIN 5462/ISO 7653 for plug-in pumps, 870 Nm	■ FIREXT3S	Fire extinguisher 3 kg, Swedish/English decal
□ PTRD-F	Gearbox high-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 870 Nm	□ WARNVEST	Reflective vest, fulfils European standard EN 471 class 2
□ HPG-F81	Gearbox-mounted hydraulic pump F1-81, fixed displacement, single flow	■ WARNTRI2	Two warning triangles
Cab Interior, Driving		□ AIDKIT	First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors.
■ STWPOS-L	Left-hand drive	■ WRITEPAD	Writing pad with paper clamp
■ STWM-LE	Steering wheel material leather	Cab Interior, Living	
□ STGW-AD2	Manually adjustable steering wheel with neck tilt	■ DST-CF1	Driver's seat Comfort
■ STGW-ADJ	Manually adjustable steering wheel	□ DST-CF4	Driver's seat Comfort, belt in seat
□ AIRBAG	Airbag on driver's side	□ DST-CF5	Driver's seat Comfort, belt in seat, heated, adjustable lumbar&side support, extendable seat cushion
■ DRC-AMI	Regeneration control for DPF, initiation: automatic or manual, inhibition: manual	□ DST-CF6	Driver's seat Comfort, belt in seat, heated, ventilated
□ 1DAYB	One-day analogue tachograph, basic	□ DST-LUX1	Driver's seat Deluxe, belt in seat, heated, ventilated
■ TAC-PK2	Preparation kit for tachograph	□ SBD-RED	Red safety belts, passenger and driver seats
□ ARSL	Additional road speed limiter control (switch in dashboard)	□ SBPRE-DS	Driver's seat belt pretensioner
■ ACCLF-D	Volvo torque assist - Disabled	□ PST-BAS1	Passenger seat Basic, non-suspended
□ ACCLF-E	Volvo torque assist - Enabled	□ PST-CF4	Passenger seat Comfort, suspended, belt in seat
□ ESP-BAS1	ESP for tractor combinations with ABS/EBS or rigid vehicles/combinations with std center of gravity	□ PST-CF5	Passenger seat Comfort, suspended, belt in seat, electrically heated
□ ESPC-RO	Electronic stability program functionality control, switch - On/Reduced/Off	□ PST-STD2	Passenger seat Regular, non-suspended
□ HWSS-ACB	Adaptive cruise control with forward collision warning (stationary and moving objects) and emergency braking. Using both radar and camera to collect info.	■ PST-STD4	Passenger seat Regular, suspended
■ HWSS-FCB	Collision Warning with Emergency Brake (forward)	□ SBPRE-PS	Passenger seat belt pretensioner
■ LSS-DW	Lane Keeping Support - lane departure warning	■ 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

■ 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.

MODEL RANGE

FMX D13 86 Rigid Dual Front Axle (1 Driven) Diesel Rear Leaf FMX 86RF 3L

■ 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-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-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 □ 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 □ INLI-NL Interior white and red (night) light with smooth light transition at on/off □ INLI-NLD Interior white and red (night) light with smooth light transition at on/off and dimmer □ ARL-FLEX Two (driver and passenger side) LED reading lamps with flexible arms, mounted on sidewalls □ RH-EE Roof skylight/emergency exit, tinted glass (not a hatch) □ RH-ER Roof hatch, electrically operated, steel, with emergency exit handle □ RH-ETR Roof hatch, electrically operated, tinted glass, rear opening 50 mm ■ RH-MTR Roof hatch, manually operated, tinted glass, rear opening 50 mm ■ GLAS-TIN Tinted windows □ SWIND-BS Rear side window on both sides □ SWIND-PS Rear side window on passenger side □ AWIND-RF Fixed window in back of cab (without curtains) □ VANMIR Vanity mirror in front shelf lid □ 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	■ BUGNET Insect screen (PVC-coated fibreglass) in front of radiator ■ CTILT-P-E Electric cab tilt pump □ CTILT-P-M Manual 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) □ 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 □ ACCBP-AP Accessory brackets mounted on front roof, midroof and rear roof □ ACCBP-F Accessory bracket mounted on front roof □ ACCBP-FM Accessory brackets mounted on front roof and midroof □ ACCBP-FR Accessory brackets mounted on front and rear roof □ ACCBP-M Accessory bracket mounted on midroof □ ACCBP-R Accessory brackets mounted on mid-roof and rear roof □ ACCBP-RM Accessory bracket mounted on rear roof
Cab exterior	
■ EXTL-BAS Exterior trim level basic ■ 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	Superstructure preparations □ SRWL-PK Preparation kit for LED reverse/work lamps at rear chassis, 3-pos switch (On/Off/Reverse auto On)

■ 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.

MODEL RANGE

FMX D13 86 Rigid Dual Front Axle (1 Driven) Diesel Rear Leaf FMX 86RF 3L

- **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
- **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".
- **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
- **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
- **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)

Volvo Trucks. Driving Progress