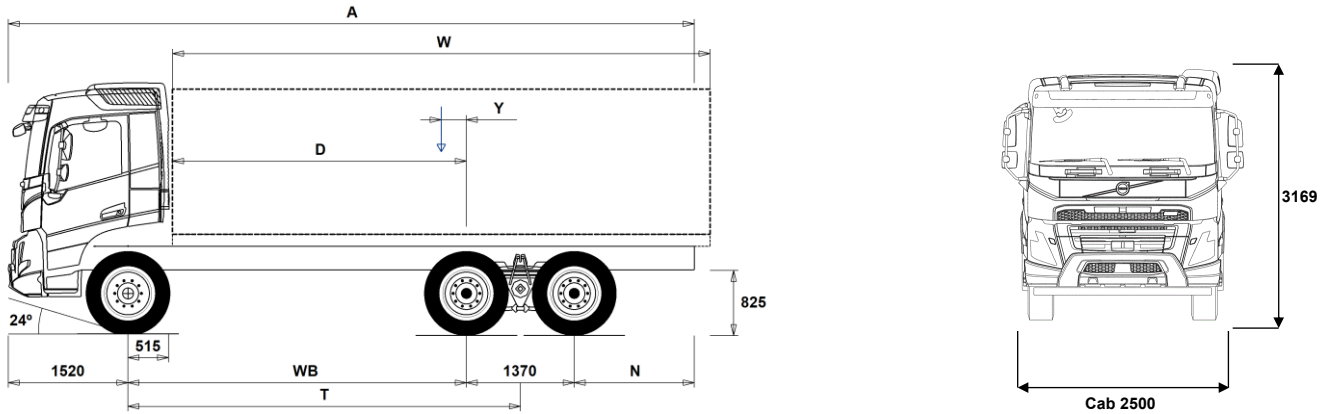


MODEL RANGE

FMX D13 6x4 Rigid Diesel Rear Leaf FMX 64R 3L



Chassis Dimensions [mm]

WB Wheelbase	3200	3400	3700	3900	4300	4600	4900	5200	5600
A Overall Chassis Length	7865	8165	8615	8915	9565	10715	10465	10965	11565
D Center of rear axle to front of body	2635	2835	3135	3335	3735	4035	4335	4635	5035
N Rear Overhang (Min.)	825	825	825	825	825	825	825	1225	1225
N Rear Overhang (Max.)	1775	1875	2025	2125	2375	3225	2675	2875	3075
T Theoretical Wheelbase	3885	4085	4385	4585	4985	5285	5585	5885	6285
Y Center of Gravity for Payload (Min.)	-187	-162	-126	-101	-54	-2	15	52	95
Y Center of Gravity for Payload (Max.)	-187	-162	-126	-101	-54	-2	15	52	95
W Body Length (Min.)	5642	5993	6520	6871	7576	8073	8638	9165	9879
W Body Length (Max.)	5642	5993	6520	6871	7576	8073	8638	9165	9879

Chassis Weights [kg]

Front Axle	4880	4890	4905	4910	4935	4910	4970	4980	5005
Rear Bogie	3620	3645	3675	3700	3770	3925	3850	3890	3940
Kerb Weight	8500	8535	8580	8610	8705	8835	8820	8870	8945
Payload (including body, driver, fuel, etc.)	16500	16465	16420	16390	16295	16165	16180	16130	16055

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	13900	14500	15500	16100	17300	18200	19100	20000	21300
Turning Circle Diameter Wall to Wall	15400	16000	16900	17600	18800	19700	20600	21500	22800

Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	25000	35000
Gross Combination Weight	0	44000
Front Axle	7000	9000
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 FMX64R3L.

MODEL RANGE

FMX D13 6x4 Rigid Diesel Rear Leaf FMX 64R 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-XHIG** Chassis height extra high - approx. 1030 mm above ground level
- **RADD-BR** Rear leaf suspension - two axles, both driving (B-ride)
- **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)
- **CDCOPREP** Preparation kit for day cab cut-out (free text CA needed)
- **FMX-CREW** FMX crew cab (free-text CA needed)
- **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
- **PTO-HT16** High-torque power take-off 1600 Nm (free-text CA needed)
- **PTO-HT20** High-torque power take-off 2000 Nm (free-text CA needed)

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)
- **SAFEPLUS** 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)
- **FAL10.0** Front axle load 10.0 tonnes
- **FAL7.1** Front axle load 7.1 tonnes
- **FAL7.5** Front axle load 7.5 tonnes
- **FAL8.0** Front axle load 8.0 tonnes
- **FAL8.5** Front axle load 8.5 tonnes
- **FAL9.0** Front axle load 9.0 tonnes
- **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
- **PSP-FIX** Power steering pump with fixed displacement
- **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
- **FST7070** Frame thickness - web 7.0 mm / flange 7.0 mm
- **FST8080** Frame thickness - web 8.0 mm / flange 8.0 mm
- **FIL-EEEE** Frame inner liner from end of engine to end of bogie
- **FIL-EEEE** 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

- 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 6x4 Rigid Diesel Rear Leaf FMX 64R 3L

<ul style="list-style-type: none"> ■ BBOX-L Battery box on left-hand side □ BATS-D Dual battery system (2 vehicle batteries and 2 starter batteries) ■ BATS-S Single battery system (2 batteries) □ 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 ■ R365A71 Right 365-litre, D-shaped aluminium fuel tank, 710 mm high Min volume 255l Max volume 810l ■ UL-FUEL Without left side fuel tank Min volume 160l Max volume 730l □ ADTP-L AdBlue tank on left hand side ■ ADTP-R AdBlue tank on right hand side □ 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 □ ADB068 AdBlue tank: usable volume 68 litres, 560 mm high, mounted on chassis side □ ADB083 AdBlue tank: usable volume 83 litres, 560 mm high, mounted on chassis side □ ADB090 AdBlue tank: usable volume 90 litres, 710 mm high, mounted on chassis side □ ADB112 AdBlue tank: usable volume 112 litres, 710 mm high, mounted on chassis side ■ 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 □ 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, aluminiumised steel □ HS-NAR Muffler heat shield (EATS), narrow □ 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-M Wheel chock holder in the middle 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 □ TOWMBRH Towing member, high-mounted in centre of frame □ TOWMBRL1 Towing member, low-mounted under frame 	<ul style="list-style-type: none"> □ TOWMBRM Towing member, medium-mounted in line with lower frame flange □ RFEC-L Tapered lower rear frame end (for centre axle drawbar) ■ 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 □ RUP-FOLD □ 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.
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■ Standard Equipment □ Optional Equipment

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MODEL RANGE

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■ SPWT-F	Spare front wheel	□ CLU-AIRC	Air compressor clutch with automatic declutching when not needed, to save fuel
□ SWCP-LF	Spare wheel carrier on left side in front of rear axle	■ AIRIN-HI	High air inlet
□ SWCP-R	Spare wheel carrier mounted behind rear axle	□ AIRIN-LO	Low air inlet
□ SWCP-T	Spare wheel transport-mounted on top of frame	□ ACL1ST-S	Air cleaner with extra filter element
■ SWCP-TP	Spare wheel and carrier transport-mounted on top of frame	■ 24A110BL	Alternator 110 Ampere
□ 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	□ 24A150BL	Alternator 150 Ampere
□ 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	□ 24A180BL	Alternator 180 Ampere
■ 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	□ 24AL110B	Alternator 110 Ampere
■ 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.	□ 24AL150B	Alternator 150 Ampere
■ INFLAHOS	Tyre inflation hose 18 m. The air is supplied by a chassis-mounted pneumatic outlet (must be ordered separately).	□ CCV-C	Closed crankcase ventilation
□ GAUGE-TP	Tyre pressure gauge	□ CCV-O	Open crankcase ventilation
Powertrain equipment		■ CCV-OX	Open extended crankcase ventilation with oil separator and maintenance-free gas centrifuge
□ TRAP-HD	Reinforced gearbox range housing	□ FUEQ-EH	Fuel line electric heater
■ DRM-BE	I-Shift drive modes Economy, Standard and Performance	□ AF-E	Electrically heated fuel filter
□ DRM-E	I-Shift drive mode Economy	■ AF-R	Hot fuel recirculation heated fuel filter
■ PVT-MTM	I-See	■ FUEFE2LW	Large engine-mounted dual fuel filter with water separator and drain
■ CRUIS-E	I-Cruise cruise control, I-Roll included	□ FUEFE2SW	Small engine-mounted dual fuel filter with water separator and drain (for good fuel quality)
□ CRUIS-E5	I-Torque cruise control, optimized for fuel economy, I-Roll included	■ EST-AID	Engine intake air heater
□ AMSO-AUT	I-Shift manual gear shifting available in automatic mode, including kick-down function	□ 220EBH15	Engine block heater, 220 V, 1.5 kW
□ AVO-ENH	I-Shift with enhanced software for construction and off-road applications	□ PTER-100	Rear engine, clutch-independent PTO, flange connection, DIN 100/ISO 7646
□ APF-ENH	I-Shift with enhanced PTO functions (Auto neutral for p. brake/Reverse inhibit/Split box connection)	□ PTER-DIN	Rear engine, clutch-ind. PTO, splined shaft groove (fem), close-coupled pump DIN 5462/ISO7653
□ RET-TH	Gearbox-mounted, hydrodynamic oil retarder	□ PTER1400	Rear engine, clutch-independent PTO, flange connection, SAE 1410/ISO 7647
□ RET-TPT	Gearbox-mounted Powertronic primary retarder	□ HPE-F101	Engine-mounted hydraulic pump F1-101, fixed displacement, single flow
□ TC-HWO	Cooler for hydraulic gearboxes - water/oil	□ HPE-F41	Engine-mounted hydraulic pump F1-41, fixed displacement, single flow
□ TC-MAOH2	Extra high performance cooler for manual/I-shift gearboxes - air/oil	□ HPE-F51	Engine-mounted hydraulic pump F1-51, fixed displacement, single flow
■ TC-MWO	Basic performance cooler for manual/I-Shift gearboxes - water/oil	□ HPE-F61	Engine-mounted hydraulic pump F1-61, fixed displacement, single flow
□ TC-MWOH2	High performance cooler for manual/I-Shift gearboxes - water/oil	□ HPE-F81	Engine-mounted hydraulic pump F1-81, fixed displacement, single flow
□ 2COM1080	Dual-cylinder air compressor 704 cc, 1080 l/min	□ HPE-T53	Engine-mounted hydraulic pump F2-53/53, fixed displacement, twin flow
□ 2COM1100	Dual-cylinder air compressor 760 cc, 1100 l/min	□ HPE-T70	Engine-mounted hydraulic pump F2-70/35, fixed displacement, twin flow
■ 2COMP870	Dual-cylinder, two-stage air compressor 560 cc, 870 l/min	□ HPE-V45	Engine-mounted hydraulic pump VP1-45, variable displacement, single flow
□ 2COMP900	Dual-cylinder air compressor 636 cc, 900 l/min	□ HPE-V75	Engine-mounted hydraulic pump VP1-75, variable displacement, single flow
■ Standard Equipment	□ Optional Equipment	□ 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
		□ PTR-FH	Gearbox high-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm
		□ PTR-FL	Gearbox low-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm
		□ PTRD-D	Gearbox high-speed PTO, 1 rear + 1 front DIN 5462/ISO 7653 for plug-in pumps, 870 Nm
		□ PTRD-D1	Gearbox high-speed PTO, 1 rear SAE 1410/ISO 7647, 1 front DIN5462/ISO7653, 870 Nm
		□ PTRD-D2	Gearbox PTO, 2 rear hi/lo-speed SAE1310/1410/ISO7647, 1 front hi-speed DIN5462/ISO7653, 870/1000 Nm

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<input type="checkbox"/> PTRD-F	Gearbox high-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 870 Nm	<input checked="" type="checkbox"/> ISUNF-RM	Interior roller blind, integrated in front shelf, manually manoeuvred
<input type="checkbox"/> HPG-F101	Gearbox-mounted hydraulic pump F1-101, fixed displacement, single flow	<input type="checkbox"/> ADFS	Two extra DIN slots in front shelf, 165x40x180 mm (W x H x D)
<input type="checkbox"/> HPG-F41	Gearbox-mounted hydraulic pump F1-41, fixed displacement, single flow	<input checked="" type="checkbox"/> BUPALARM	Reversing warning
<input type="checkbox"/> HPG-F51	Gearbox-mounted hydraulic pump F1-51, fixed displacement, single flow	<input type="checkbox"/> REMC-MF	Wireless remote control, multi-functional
<input type="checkbox"/> HPG-F61	Gearbox-mounted hydraulic pump F1-61, fixed displacement, single flow	<input checked="" type="checkbox"/> FIREXT3S	Fire extinguisher 3 kg, Swedish/English decal
<input type="checkbox"/> HPG-F81	Gearbox-mounted hydraulic pump F1-81, fixed displacement, single flow	<input checked="" type="checkbox"/> WARNVEST	Reflective vest, fulfils European standard EN 471 class 2
		<input checked="" type="checkbox"/> WARNTRI2	Two warning triangles
		<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"/> 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"/> WARNLAMP	Portable amber and white warning lamp with batteries
		<input type="checkbox"/> LAMP-IN	Inspection lamp with 10 m cable
		<input type="checkbox"/> BULBKIT	Bulb and fuse kit
		<input type="checkbox"/> WRITEPAD	Writing pad with paper clamp
			Cab Interior, Living
		<input type="checkbox"/> DST-CF1	Driver's seat Comfort
		<input checked="" type="checkbox"/> DST-CF4	Driver's seat Comfort, belt in seat
		<input type="checkbox"/> DST-CF5	Driver's seat Comfort, belt in seat, heated, adjustable lumbar&side support, extendable seat cushion
		<input type="checkbox"/> DST-CF6	Driver's seat Comfort, belt in seat, heated, ventilated
		<input type="checkbox"/> DST-LUX1	Driver's seat Deluxe, belt in seat, heated, ventilated
		<input type="checkbox"/> SBD-RED	Red safety belts, passenger and driver seats
		<input type="checkbox"/> SBPRE-DS	Driver's seat belt pretensioner
		<input type="checkbox"/> PST-BAS1	Passenger seat Basic, non-suspended
		<input checked="" type="checkbox"/> PST-CF4	Passenger seat Comfort, suspended, belt in seat
		<input type="checkbox"/> PST-CF5	Passenger seat Comfort, suspended, belt in seat, electrically heated
		<input type="checkbox"/> PST-STD2	Passenger seat Regular, non-suspended
		<input type="checkbox"/> PST-STD4	Passenger seat Regular, suspended
		<input type="checkbox"/> SBPRE-PS	Passenger seat belt pretensioner
		<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
		<input type="checkbox"/> ARU-LEA	Leather armrest upholstery
		<input checked="" type="checkbox"/> FMAT-RUB	Black rubber floor mats
		<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"/> LBK70	Lower fixed bed 2000x700 mm, non-foldable, safety net included
		<input type="checkbox"/> MATL-FI	Mattress lower bed firm, pocket springs, recommended for body weight over 100 kg
		<input type="checkbox"/> MATL-SF	Mattress lower bed semi-firm, pocket springs, recommended for body weight up to 100 kg
		<input type="checkbox"/> OLMAT-BA	Overlay mattress, 28 mm thick black textile
		<input type="checkbox"/> OLMAT-PR	Overlay mattress Premium, 35 mm thick black textile
		<input type="checkbox"/> TBK60F	Fixed top bed 600x1900 mm, foldable up to 52° (depending on cab & upper storage), net included
		<input type="checkbox"/> TBK70F	Fixed top bed 700x1900 mm, foldable up to 52° (depending on cab & upper storage), net included
		<input type="checkbox"/> PH-CAB2	Cab parking heater, 2 kW
		<input type="checkbox"/> PH-ENGCA	Engine and cab parking heater
		<input type="checkbox"/> PH-SS	Short stop cab heater
		<input type="checkbox"/> SLCP-BAS	Basic sleeper control panel (interior light, parking heater, roof hatch, door locks)

■ 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 6x4 Rigid Diesel Rear Leaf FMX 64R 3L

<ul style="list-style-type: none"> <input type="checkbox"/> ETSB-F Storage at front of engine tunnel <input type="checkbox"/> ETSB-FR Storage at back of engine tunnel and at back, against rear cab wall <input type="checkbox"/> ETSB-FRS Storage at front of engine tunnel and immersed in RH side of tunnel <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"/> ETSB-R Storage at back of engine tunnel, against rear cab wall <input type="checkbox"/> ETSB-RS Storage immersed in RH side of engine tunnel and at back against rear cab wall <input type="checkbox"/> ETSB-S Storage immersed in RH side of engine tunnel <input type="checkbox"/> RUS-BAS Storage in rear upper cab, 154 litres (300 mm high) <input type="checkbox"/> RUS-HIG Storage in rear upper cab, 245 litres (440 mm high) <input type="checkbox"/> REF-ICPK Preparation kit for refrigerator <input type="checkbox"/> REFR-RUS Refrigerator 28-litre, with dividers, on rear upper wall <input type="checkbox"/> MICRO-PK Preparation kit for microwave oven (electrical cables to front shelf) ■ BOTH-D One bottle holder under dashboard centre section <input type="checkbox"/> COFMA-PK Preparation kit (24 V) for coffee maker ■ INLI-BAS Interior white light with smooth light transition at on/off, no dimming <input type="checkbox"/> INLI-NL Interior white and red (night) light with smooth light transition at on/off <input type="checkbox"/> INLI-NLD Interior white and red (night) light with smooth light transition at on/off and dimmer <input type="checkbox"/> 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) <input type="checkbox"/> RH-ER Roof hatch, electrically operated, steel, with emergency exit handle <input type="checkbox"/> RH-ETR Roof hatch, electrically operated, tinted glass, rear opening 50 mm <input type="checkbox"/> RH-MTR Roof hatch, manually operated, tinted glass, rear opening 50 mm ■ GLAS-TIN Tinted windows <input type="checkbox"/> GLAS-UNT Untinted windows <input type="checkbox"/> SWIND-BS Rear side window on both sides <input type="checkbox"/> SWIND-PS Rear side window on passenger side <input type="checkbox"/> AWIND-RF Fixed window in back of cab (without curtains) <input type="checkbox"/> VANMIR Vanity mirror in front shelf lid <input type="checkbox"/> AS-FUS One extra shelf in each of the two front upper storage compartments <input type="checkbox"/> INFOT-PK Preparation kit (bracket, security straps, and antenna cable) for mounting of TV above driver door 	<ul style="list-style-type: none"> <input type="checkbox"/> MIRCFCPX Rear-view and wide-angle mirrors (both sides), passenger corner camera (FMX) <input type="checkbox"/> MIRCMCP Camera Monitor System and passenger corner camera <input type="checkbox"/> 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 <input type="checkbox"/> AD-ROOF Roof air deflector <input type="checkbox"/> AD-SIDES Cab side air deflectors, short ■ HL-BASIC Halogen H7 headlamps <input type="checkbox"/> HL-LED LED headlamps <input type="checkbox"/> HL-LED3 LED headlamps with adaptive high beam <input type="checkbox"/> HBDA-A Automatic main beam deactivation and reactivation <input type="checkbox"/> HL-CLEAN High-pressure headlamp cleaner <input type="checkbox"/> HLP-ST Steel headlamp protectors (steel and plastic for FMX) <input type="checkbox"/> HLP-ST2 Steel and plastic headlamp protectors with steel grating for extra rough applications <input type="checkbox"/> HL-ADJ Manually adjustable headlamp beam ■ DRL-LED Daytime running lamps (LED) <input type="checkbox"/> UDRL Without daytime running lamps (LED) ■ UDRVL Without extra main beam <input type="checkbox"/> ASL-RF2 Two LED spot lamps in sign box <input type="checkbox"/> IDLAMP-A Three amber identification lamps on mid front roof <input type="checkbox"/> IDLAMP-W Three white identification lamps on mid front roof <input type="checkbox"/> IDLMPSW Switch in cab for identification lamps <input type="checkbox"/> BEACOA2F Two amber LED beacons on cab front roof <input type="checkbox"/> BEACOA2R Two amber LED beacons on cab rear roof <input type="checkbox"/> BEACON-P Preparation kit for roof beacons <input type="checkbox"/> BEACONA4 Four amber LED beacons on roof - two on front, two on rear <input type="checkbox"/> CABPT-R1 One front cab roof pass-through on passenger side <input type="checkbox"/> CABPT-R2 Two front cab roof pass-throughs, one on each side <input type="checkbox"/> SPOTP-F Preparation kit for spot lamp in cab front, max 280 W <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 ■ 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
<p>Cab exterior</p> <ul style="list-style-type: none"> ■ EXTL-BAS Exterior trim level basic ■ DGLAS-H Tempered door window glass <input type="checkbox"/> 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 <input type="checkbox"/> AUXFS Extra footstep in cab side <input type="checkbox"/> GUARD-EH Guard plate for cooling pipes and oil sump <input type="checkbox"/> SIDEH-B Guide rail on day cab, driver's side <input type="checkbox"/> SIDSTP-R Side ladder and guide rail on day cab, driver's side ■ BUGNET Insect screen (PVC-coated fibreglass) in front of radiator ■ CTILTP-E Electric cab tilt pump <input type="checkbox"/> FCABS-A Air front cab suspension ■ FCABS-M Mechanical front cab suspension <input type="checkbox"/> RCABS-A Air rear cab suspension ■ RCABS-M Mechanical rear cab suspension 	
<ul style="list-style-type: none"> ■ Standard Equipment <input type="checkbox"/> Optional Equipment 	
<p>For more detailed information about cab and powertrain equipment, please refer to separate specification sheets.</p> <p>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).</p> <p>The factory reserves the right to modify design and change equipment without previous notification. The specification can vary from country to country.</p>	
<p>Superstructure preparations</p> <ul style="list-style-type: none"> <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) 	

MODEL RANGE

FMX D13 6x4 Rigid Diesel Rear Leaf FMX 64R 3L

- **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-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)