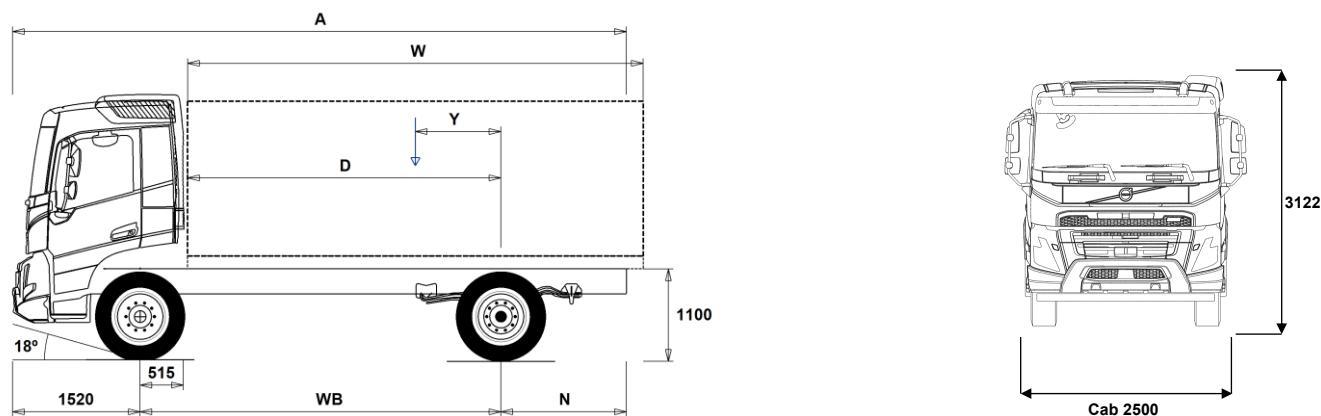


MODEL RANGE

FMX D13 42 Rigid Diesel Rear Leaf FMX 42R 3L



Chassis Dimensions [mm]

WB Wheelbase	3400	3700	4300	4600	4900	5200	5600	6000
A Overall Chassis Length	6815	7265	8165	8665	9115	9615	10215	10815
D Center of rear axle to front of body	2835	3135	3735	4035	4335	4635	5035	5435
N Rear Overhang (Min.)	1395	1395	1395	1395	1395	1395	1395	1395
N Rear Overhang (Max.)	1895	2045	2345	2545	2695	2895	3095	3295
Y Center of Gravity for Payload (Min.)	600	658	768	823	880	935	1007	1077
Y Center of Gravity for Payload (Max.)	600	658	768	823	880	935	1007	1077
W Body Length (Min.)	4473	4958	5938	6427	6914	7405	8060	8721
W Body Length (Max.)	4473	4958	5938	6427	6914	7405	8060	8721

Chassis Weights [kg]

Front Axle	4710	4700	4710	4715	4710	4720	4730	4745
Rear Axle	1820	1870	1970	2020	2060	2110	2155	2210
Kerb Weight	6530	6570	6680	6735	6770	6830	6885	6955
Payload (including body, driver, fuel, etc.)	13570	13530	13420	13365	13330	13270	13215	13145

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	12400	13400	15200	16100	17000	17900	19200	20400
Turning Circle Diameter Wall to Wall	13900	14800	16700	17600	18500	19400	20700	21900

Plated Weights [kg]

Gross Vehicle Weight	20100
Gross Combination Weight	44000
Front Axle	7100
Rear Axle	13000

Design

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 $\pm 3\%$.

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 FMX42R3L.

MODEL RANGE

FMX D13 42 Rigid Diesel Rear Leaf FMX 42R 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-SMOOT** Smooth road conditions: at least 95% of the driven distance is on well-maintained or less maintained surfaced roads. Driving may occur on poorly maintained surfaced roads, hard-packed sand, or gravel surfaces of good or bad quality.
- **GARB-PRE** Refuse vehicle preparation
- **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
- **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
- **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)
- **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
- **SPO2812** Dual-clutch 12-speed semi-powershift gearbox with overdrive, 2800 Nm
- **ASO-C** One crawler gear
- **ASO-ULC** Two crawler gears, one crawler and one ultra-low crawler
- **RSH1370F** Rear hub reduction solo axle - axle load 13 tonnes, GCW 70 tonnes, version F
- **RSS1344C** Rear single reduction solo axle - axle load 13 tonnes, GCW 44 tonnes, version C
- **RSS1344F** Rear single reduction solo axle - axle load 13 tonnes, GCW 44 tonnes, version F
- **RSS1352B** Rear single reduction solo axle - axle load 13 tonnes, GCW 52 tonnes, version B

- **RSS1370B** Rear single reduction solo axle - axle load 13 tonnes, GCW 70 tonnes, version B
- **RSS1370C** Rear single reduction solo axle - axle load 13 tonnes, GCW 70 tonnes, version C
- **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)
- **CHASPAC** Rigid chassis package

Chassis

- **FST-PAR** Two-leaf front parabolic springs (normal stiffness)
- **FST-PAR3** Three-leaf front parabolic springs (stiffer than normal)
- **FST-PL1** Two-leaf front parabolic springs, lightweight composite support leaf (normal stiffness)
- **FAL10.0** Front axle load 10.0 tonnes
- **FAL7.1** Front axle load 7.1 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
- **RAL13** Rear axle load 13 tonnes
- **RSTAB1** Rear anti-roll bar, normal stiffness
- **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-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-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-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
- **BATS-D** Dual battery system (2 vehicle batteries and 2 starter batteries)
- **BATS-S** Single battery system (2 batteries)
- **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
- **R330A71** Right 330-litre, D-shaped aluminium fuel tank, 710 mm high Min volume 255l

■ Standard Equipment

□ Optional Equipment

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	Max volume 650l		may only be used for short-distance, on-site transport in confined areas and at speeds of a maximum of 30 km/h.
■ UL-FUEL	Without left side fuel tank Min volume 160l Max volume 330l	□ TREL-PK	Trailer electrical preparation kit (chassis/cab wiring)
□ ADTP-L	AdBlue tank on left hand side	□ TREL14	14-pin trailer connection
■ ADTP-R	AdBlue tank on right hand side	□ TREL15	15-pin trailer connection (ADR certified)
□ ADB048	AdBlue tank: usable volume 48 litres, 560 mm high, mounted on chassis side	□ TREL7	7-pin trailer connection (ISO 24N)
■ ADB064	AdBlue tank: usable volume 64 litres, 710 mm high, mounted on chassis side	□ TREL7-7	2x7-pin trailer connection (ISO 24N+24S, non-ADR)
□ ADB068	AdBlue tank: usable volume 68 litres, 560 mm high, mounted on chassis side	□ TBC-EC	Trailer brake connection, European Community
□ ADB083	AdBlue tank: usable volume 83 litres, 560 mm high, mounted on chassis side	□ TRBR-HCR	Reduced-pressure, hand-controlled trailer brake check (4 bar)
□ ADB090	AdBlue tank: usable volume 90 litres, 710 mm high, mounted on chassis side	□ TRBR-STA	Stationary trailer brake check
□ ADB100	AdBlue tank: usable volume 100 litres, 710 mm high, mounted on chassis side	□ TRB-STRE	Stretch brake, trailer brake activation at low speeds to avoid jack-knifing and improve stability
□ ADB112	AdBlue tank: usable volume 112 litres, 710 mm high, mounted on chassis side	□ RUP-FOLD	Foldable and slidable aluminium rear underrun protection, not UN/ECE R58.03 compliant
□ ADTC-BF	AdBlue tank cover, silver metallic	□ RUP-FOSL	
■ FCAP-L	Lockable diesel and AdBlue filler caps	□ RFH-BAS	Basic mudguard installation height on 2nd front axle and rear axles
■ FUFF-AS	Fuel filling anti-spillage device	□ RFH-HIG	High mudguard installation height on 2nd front axle and rear axles
□ FUFF-ATS	Fuel filling anti-theft and anti-spillage device	□ RFH-LOW	Low mudguard installation height on 2nd front axle and rear axles
□ ESH-LEFT	Horizontal silencer, left exhaust outlet	□ ATANK-AL	Aluminium air tanks
■ ESH-REAR	Horizontal silencer, rear exhaust outlet	■ ATANK-ST	Steel air tanks
□ ESV-VERT	Vertical silencer, vertical exhaust outlet on right-hand side	□ 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)
□ EXST-SSP	Vertical exhaust top pipe, bright polished stainless steel	■ 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 .
□ EXST-ST	Vertical exhaust top pipe, aluminised 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		
■ TOWF-HD1	One heavy-duty front towing device		
□ TOWMBRL1	Towing member, low-mounted under frame		
□ TOWMBRM	Towing member, medium-mounted in line with lower frame flange		
□ RFEC-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-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		

■ Standard Equipment

□ Optional Equipment

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■ TOOLKIT	For FM: Height 190-325 mm, weight 10.5 kg For FH: height 240-467 mm, weight 13.3. kg	■ FUEFE2LW	Large engine-mounted dual fuel filter with water separator and drain
	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.	□ FUEFE2SW	Small engine-mounted dual fuel filter with water separator and drain (for good fuel quality)
□ INFLAHOS	Tyre inflation hose 18 m. The air is supplied by a chassis-mounted pneumatic outlet (must be ordered separately).	■ EST-AID	Engine intake air heater
□ GAUGE-TP	Tyre pressure gauge	□ 220EBH15	Engine block heater, 220 V, 1.5 kW
Powertrain equipment			
□ TRAP-HD	Reinforced gearbox range housing	□ PTER-100	Rear engine, clutch-independent PTO, flange connection, DIN 100/ISO 7646
■ DRM-BE	I-Shift drive modes Economy, Standard and Performance	□ PTER-DIN	Rear engine, clutch-ind. PTO, splined shaft groove (fem), close-coupled pump DIN 5462/ISO7653
□ DRM-E	I-Shift drive mode Economy	□ HPE-F101	Engine-mounted hydraulic pump F1-101, fixed displacement, single flow
□ PVT-BAS	I-See	□ HPE-F41	Engine-mounted hydraulic pump F1-41, fixed displacement, single flow
■ CRUIS-E	I-Cruise cruise control, I-Roll included	□ HPE-F51	Engine-mounted hydraulic pump F1-51, fixed displacement, single flow
□ CRUIS-E5	I-Torque cruise control, optimized for fuel economy, I-Roll included	□ HPE-F61	Engine-mounted hydraulic pump F1-61, fixed displacement, single flow
■ AMSO-AUT	I-Shift manual gear shifting available in automatic mode, including kick-down function	□ HPE-F81	Engine-mounted hydraulic pump F1-81, fixed displacement, single flow
□ AVO-ENH	I-Shift with enhanced software for construction and off-road applications	□ HPE-T53	Engine-mounted hydraulic pump F2-53/53, fixed displacement, twin flow
□ APF-ENH	I-Shift with enhanced PTO functions (Auto neutral for p. brake/Reverse inhibit/Split box connection)	□ HPE-T70	Engine-mounted hydraulic pump F2-70/35, fixed displacement, twin flow
□ RET-TH	Gearbox-mounted, hydrodynamic oil retarder	□ HPE-V45	Engine-mounted hydraulic pump VP1-45, variable displacement, single flow
□ RET-TP	Gearbox-mounted Powertronic primary retarder	□ HPE-V75	Engine-mounted hydraulic pump VP1-75, variable displacement, single flow
□ TC-HWO	Cooler for hydraulic gearboxes - water/oil	□ PTPT-D	Gearbox PTO, 1 front/upper connection DIN 5462/ISO 7653 for plug-in pump, 850 Nm
□ TC-MAOH2	Extra high performance cooler for manual/I-shift gearboxes - air/oil	□ PTPT-F	Gearbox PTO, 1 front/upper rear flange connection SAE 1410/ISO 7647 for propshaft, 850 Nm
□ TC-MWO	Basic performance cooler for manual/I-Shift gearboxes - water/oil	□ PTR-D	Gearbox low-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 1000 Nm
■ TC-MWOH2	High performance cooler for manual/I-Shift gearboxes - water/oil	□ PTR-DH	Gearbox high-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm
□ 2COM1080	Dual-cylinder air compressor 704 cc, 1080 l/min	□ PTR-DM	Gearbox medium-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm
□ 2COM1100	Dual-cylinder air compressor 760 cc, 1100 l/min	□ PTR-F	Gearbox low-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 1000 Nm
■ 2COMP870	Dual-cylinder, two-stage air compressor 560 cc, 870 l/min	□ PTR-FH	Gearbox high-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm
□ 2COMP900	Dual-cylinder air compressor 636 cc, 900 l/min	□ PTR-FL	Gearbox low-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm
□ CLU-AIRC	Air compressor clutch with automatic declutching when not needed, to save fuel	□ PTRD-D	Gearbox high-speed PTO, 1 rear + 1 front DIN 5462/ISO 7653 for plug-in pumps, 870 Nm
■ AIRIN-HI	High air inlet	□ PTRD-D1	Gearbox high-speed PTO, 1 rear SAE 1410/ISO 7647, 1 front DIN5462/ISO7653, 870 Nm
■ AIRIN-LO	Low air inlet	□ PTRD-D2	Gearbox PTO, 2 rear hi/lo-speed SAE1310/1410/ISO7647, 1 front hi-speed DIN5462/ISO7653, 870/1000 Nm
□ ACL1ST-S	Air cleaner with extra filter element	□ PTRD-F	Gearbox high-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 870 Nm
□ 24A110BL	Alternator 110 Ampere	□ HPG-F81	Gearbox-mounted hydraulic pump F1-81, fixed displacement, single flow
■ 24A150BL	Alternator 150 Ampere	Cab Interior, Driving	
□ 24A180BL	Alternator 180 Ampere	■ STWPOS-L	Left-hand drive
□ 24AL110B	Alternator 110 Ampere	□ STWM-LE	Steering wheel material leather
□ 24AL150B	Alternator 150 Ampere	□ STGW-AD2	Manually adjustable steering wheel with neck tilt
■ CCV-C	Closed crankcase ventilation	■ STGW-ADJ	Manually adjustable steering wheel
□ CCV-O	Open crankcase ventilation	□ AIRBAG	Airbag on driver's side
□ PRIM-EL	Electrical priming pump for removal of air in the fuel system	■ DRC-AMII	Regeneration control for DPF, initiation: automatic or manual, inhibition: manual
■ PRIM-MAN	Manual priming pump for removal of air in the fuel system	□ DRC-AUTO	Regeneration control for DPF, fully automatic (in motion)
□ FUEQ-EH	Fuel line electric heater	□ 1DAYB	One-day analogue tachograph, basic
□ AF-E	Electrically heated fuel filter	■ TAC-PK2	Preparation kit for tachograph
■ AF-R	Hot fuel recirculation heated fuel filter	□ ARSL	Additional road speed limiter control (switch in dashboard)
		■ ACCLF-D	Volvo torque assist - Disabled

■ Standard Equipment

□ Optional Equipment

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☐ ACCLF-E	Volvo torque assist - Enabled	☐ ARMRE-PB	Two armrests on passenger seat
☒ ESP-BAS1	ESP for tractor combinations with ABS/EBS or rigid vehicles/combinations with std center of gravity	☐ ARU-BAS	Vinyl armrest upholstery
☐ ESPC-RO	Electronic stability program functionality control, switch - On/Reduced/Off	☐ ARU-LEA	Leather armrest upholstery
☐ HWSS-ACB	Adaptive cruise control with forward collision warning (stationary and moving objects) and emergency braking. Using both radar and camera to collect info.	☒ FMAT-RUB	Black rubber floor mats
☐ HWSS-FCB	Collision Warning with Emergency Brake (forward)	☐ FMAT-TX2	Two textile (dark grey on FH/FM/FMX, black on FH16) and two black rubber floor mats
☐ LSS-DW	Lane Keeping Support - lane departure warning	☐ LBK70	Lower fixed bed 2000x700 mm, non-foldable, safety net included
☐ LSS-DW3	Pilot Assist - active, continuous lane keeping	☐ MATL-FI	Mattress lower bed firm, pocket springs, recommended for body weight over 100 kg
☐ LCS2	Side Collision Avoidance Support, passenger side collision warning (sound and visual information), passenger side	☐ MATL-SF	Mattress lower bed semi-firm, pocket springs, recommended for body weight up to 100 kg
☒ LCS4	Side Collision Avoidance Support, side collision warning, both sides	☐ OLMAT-BA	Overlay mattress, 28 mm thick black textile
☒ DAS-W	Driver Alert Support	☐ OLMAT-PR	Overlay mattress Premium, 35 mm thick black textile
☐ RSENS-W	Wipers rain sensor	☐ TBK60F	Fixed top bed 600x1900 mm, foldable up to 52° (depending on cab & upper storage), net included
☒ CU-ECC	Automatic climate control with sun sensor	☐ TBK70F	Fixed top bed 700x1900 mm, foldable up to 52° (depending on cab & upper storage), net included
☐ CU-ECC2	Automatic climate control with sun sensor, humidity sensor, air quality sensor and carbon filter	☐ PH-CAB2	Cab parking heater, 2 kW
☐ CU-MCC	Manual climate control (heater/cooler function)	☐ PH-ENGCA	Engine and cab parking heater
☒ IGT-BUT	Push button ignition	☐ PH-SS	Short stop cab heater
☒ IMMOBIL	Immobiliser	☐ SLCP-BAS	Basic sleeper control panel (interior light, parking heater, roof hatch, door locks)
☐ ALARM-E	Anti-theft alarm for cab, superstructure and trailer	☐ ETSB-FRS	Storage at front of engine tunnel and immersed in RH side of tunnel
☐ PHONE-PK		☐ ETSB-FS	Storage at back of engine tunnel, at back against rear cab wall and immersed in RH side of tunnel
☐ ISUNS-BS	Side interior roller blind on both sides, manually manoeuvred	☐ ETSB-S	Storage immersed in RH side of engine tunnel
☒ ISUNS-DS	Side interior roller blind on driver's side, manually manoeuvred	☐ RUS-BAS	Storage in rear upper cab, 154 litres (300 mm high)
☐ ISUNF-RE	Interior roller blind, integrated in front shelf, electrically manoeuvred	☐ RUS-HIG	Storage in rear upper cab, 245 litres (440 mm high)
☒ ISUNF-RM	Interior roller blind, integrated in front shelf, manually manoeuvred	☐ REF-ICPK	Preparation kit for refrigerator
☐ ADFS	Two extra DIN slots in front shelf, 165x40x180 mm (W x H x D)	☐ REFR-RUS	Refrigerator 28-litre, with dividers, on rear upper wall
☒ BUPALARM	Reversing warning	☐ MICRO-PK	Preparation kit for microwave oven (electrical cables to front shelf)
☐ REMC-MF	Wireless remote control, multi-functional	☒ BOTH-D	One bottle holder under dashboard centre section
☒ FIREXT3S	Fire extinguisher 3 kg, Swedish/English decal	☐ COFMA-PK	Preparation kit (24 V) for coffee maker
☐ WARNVEST	Reflective vest, fulfils European standard EN 471 class 2	☒ INLI-BAS	Interior white light with smooth light transition at on/off, no dimming
☒ WARNTRI2	Two warning triangles	☐ INLI-NL	Interior white and red (night) light with smooth light transition at on/off
☐ AIDKIT	First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors.	☐ INLI-NLD	Interior white and red (night) light with smooth light transition at on/off and dimmer
☒ WRITEPAD	Writing pad with paper clamp	☐ ARL-FLEX	Two (driver and passenger side) LED reading lamps with flexible arms, mounted on sidewalls
Cab Interior, Living		☐ RH-EE	Roof skylight/emergency exit, tinted glass (not a hatch)
☒ DST-CF1	Driver's seat Comfort	☐ RH-ER	Roof hatch, electrically operated, steel, with emergency exit handle
☐ DST-CF4	Driver's seat Comfort, belt in seat	☐ RH-ETR	Roof hatch, electrically operated, tinted glass, rear opening 50 mm
☐ DST-CF5	Driver's seat Comfort, belt in seat, heated, adjustable lumbar&side support, extendable seat cushion	☒ RH-MTR	Roof hatch, manually operated, tinted glass, rear opening 50 mm
☐ DST-CF6	Driver's seat Comfort, belt in seat, heated, ventilated	☒ GLAS-TIN	Tinted windows
☐ DST-LUX1	Driver's seat Deluxe, belt in seat, heated, ventilated	☐ SWIND-BS	Rear side window on both sides
☐ SBD-RED	Red safety belts, passenger and driver seats	☐ SWIND-PS	Rear side window on passenger side
☐ SBPRE-DS	Driver's seat belt pretensioner	☐ AWIND-RF	Fixed window in back of cab (without curtains)
☐ PST-BAS1	Passenger seat Basic, non-suspended	☐ VANMIR	Vanity mirror in front shelf lid
☐ PST-CF4	Passenger seat Comfort, suspended, belt in seat	☐ AS-FUS	One extra shelf in each of the two front upper storage compartments
☐ PST-CF5	Passenger seat Comfort, suspended, belt in seat, electrically heated	☐ INFOT-PK	Preparation kit (bracket, security straps, and antenna cable) for mounting of TV above driver door
☒ PST-STD2	Passenger seat Regular, non-suspended		
☐ 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		

☒ Standard Equipment

☐ Optional Equipment

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

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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
■ BUGNET	Insect screen (PVC-coated fibreglass) in front of radiator
□ CTILTP-E	Electric cab tilt pump
■ CTILTP-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

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|------------------------------------|---|
| ACCBR-AP | Accessory brackets mounted on front roof, midroof and rear roof |
| ACCBR-F | Accessory bracket mounted on front roof |
| ACCBR-FM | Accessory brackets mounted on front roof and midroof |
| ACCBR-FR | Accessory brackets mounted on front and rear roof |
| ACCBR-M | Accessory bracket mounted on midroof |
| ACCBR-R | Accessory brackets mounted on mid-roof and rear roof |
| ACCBR-RM | Accessory bracket mounted on rear roof |
| Superstructure preparations | |
| SRWL-PK | Preparation kit for LED reverse/work lamps at rear chassis, 3-pos switch (On/Off/Reverse auto On) |
| SWL-2FW | 2 white LED work lamps at front of chassis, and a 2-position switch (On/Off) |
| SWL-2RW | 2 white LED work lamps, rearward-facing on rear chassis (LH/RH side) |
| SWL-4W | 4 white LED work lamps on chassis (2 front, 2 rear) and a flexible switch (On/Off) |
| SWL-PK | Preparation kit for LED work lamps on chassis, with a 2-pos switch (On/Off) |
| WL-CHPK | Preparation kit for work lamp (switch with cable to frame, by gearbox) |
| WLC-H2A | |
| WLC-H2W | 2 white LED work lamps, high-mounted on back of cab (switch included) |
| WLC-PKCH | Preparation kit (cables and switch) for work lamp inside or outside superstructure |
| WLC-PKH | Preparation kit (cables and switch) for high-mounted work lamps on back of cab |
| WLC-PKL | Preparation kit (cables and switch) for low-mounted work lamps on back of cab |
| WLC-PKLH | Preparation kit (cables and switch) for low- and high-mounted work lamps on back of cab |
| ECBB-BAS | Body builder electrical centre, prepared for body builder module |
| ECBB-HIG | Body builder electrical centre, body builder module with 14 high and 4 low digital outlets |
| ECBB-MED | Body builder electrical centre, body builder module with 7 high and 4 low digital outlets |
| BBCHAS1 | One 7-pole bodywork connector on chassis |
| BBCHAS3 | Three 7-pole bodywork connectors on chassis |
| BEPR-T2 | Bodywork electrical and software preparation for tipper with remote control |
| EXSTER | Support for external steering control via body builder module |
| TD-LED | TD-LED detects trailers that have either bulb lights or LED lights. Continuous monitoring of the trailer connection status allows optimization of gear shifting and systems like Electronic Stability Program (ESP). Full diagnostics are available for bulb lights, while for LED lights the system cannot identify an "open circuit". |
| FRFS-BS | Frame rail free space on both sides to give space for crane legs or other equipment |
| FBA-BTF | Front body attachment brackets, lower, for flexible body |
| FBA-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) |

☐ Optional Equipment

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MODEL RANGE

FMX D13 42 Rigid Diesel Rear Leaf FMX 42R 3L

- **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