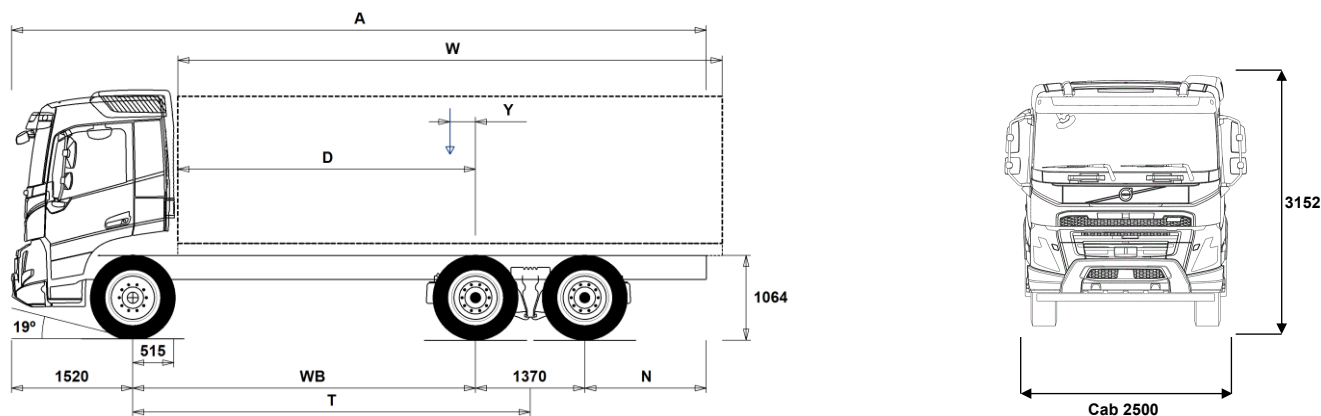


MODEL RANGE

FMX D13 64 Rigid Diesel Rear Air FMX 64R 3A



Chassis Dimensions [mm]

WB Wheelbase	3200	3400	3700	4300	4600	4900	5200	5600
A Overall Chassis Length	7865	7465	8615	9565	10715	10465	10965	11565
D Center of rear axle to front of body	2635	2835	3135	3735	4035	4335	4635	5035
N Rear Overhang (Min.)	825	825	825	825	825	825	1225	1225
N Rear Overhang (Max.)	1775	1175	2025	2375	3225	2675	2875	3075
T Theoretical Wheelbase	3885	4085	4385	4985	5285	5585	5885	6285
Y Center of Gravity for Payload (Min.)	182	219	292	423	496	553	619	703
Y Center of Gravity for Payload (Max.)	182	219	292	423	496	553	619	703
W Body Length (Min.)	4909	5233	5689	6626	7079	7567	8035	8666
W Body Length (Max.)	4909	5233	5689	6626	7079	7567	8035	8666

Chassis Weights [kg]

Front Axle	4955	4990	4975	5010	5005	5050	5060	5090
Rear Bogie	3400	3350	3445	3520	3630	3585	3620	3660
Kerb Weight	8355	8340	8420	8530	8635	8635	8680	8750
Payload (including body, driver, fuel, etc.)	22645	22660	22580	22470	22365	22365	22320	22250

Turning Diameter [mm]

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

Plated Weights [kg]

Gross Vehicle Weight	31000
Gross Combination Weight	44000
Front Axle	10000
Rear Bogie	21000

Design

31000
44000
10000
21000

Important Notes

Chassis Dimensions

Cab Height: +328 mm for CAB-HSLP, -262 mm for CAB-LDAY, -262 mm for CAB-LSLP, +16 mm for CAB-SLP.
 Front Axle to Back of Cab: +431 mm for CAB-HSLP and CAB-SLP, -69 mm for CAB-LDAY, +425 mm for CAB-LSLP.
 D-measure includes a front clearance of 50 mm and for rigid trucks also a subframe of 100 mm.
 Height can vary ± 20 mm for leaf and ± 10 mm for air suspension.
 All dimensions are for unladen chassis and any tag axles down. Chassis height used: CHH-HIGH.
 Rear overhang used for vehicle weight calculation is the maximum rear overhang (N Max.) for selected wheelbase.
 Height change when chassis height CHH-MED,FRAME300: 0 mm.

Weight and dimensions are based upon the following tyres:
 Front Axle Tyres: 315/80R22.5
 Drive Axle Tyres: 315/80R22.5

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 FMX64R3A.

MODEL RANGE

FMX D13 64 Rigid Diesel Rear Air FMX 64R 3A

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-MED** Chassis height medium - approx. 900 mm above ground level
- **CHH-XHIGH** Chassis height extra high - approx. 1030 mm above ground level
- **RADD-GR** Rear air suspension - two axles, both driving
- **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
- **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
- **TAAXLIFT** Tandem Axle Lift for driven bogie axle
- **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
- **RTS2310A** Rear single reduction tandem axles - bogie load 23 tonnes, GCW 100 tonnes

■ RTS2370A

- **PTO-HT16**
- **PTO-HT20**

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-AIR** Front air suspension
- **FST-PAR** Two-leaf front parabolic springs (normal stiffness)
- **FST-PAR3** Three-leaf front parabolic springs (stiffer than normal)
- **FST-PL1** Two-leaf front parabolic springs, lightweight composite support leaf (normal stiffness)
- **FSLS-BAS** Basic levelling stroke in front air suspension (high ground clearance under front axle member)
- **FSLS-HI** High-range levelling stroke in front air susp. (reduced ground clearance under front axle member)
- **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
- **RAL21** Rear axles load 21 tonnes
- **RAL23** Rear axles load 23 tonnes
- **RAL26** Rear axles load 26 tonnes
- **RSTAB1** Rear anti-roll bar, normal stiffness
- **RSTAB3** Rear anti-roll bar, extra-high stiffness
- **RALIM105** First rear driving axle load limiter, 10.5 tonnes (speed controlled)
- **RALIM115** First rear driving axle load limiter, 11.5 tonnes (speed controlled)
- **RALIM13** First rear drive axle load limiter, 13 tonnes
- **RALIM15** First rear driving axle load limiter, 15 tonnes
- **RALIM95** First rear driving axle load limiter, 9.5 tonnes (speed controlled)
- **ASF-DL1** Air suspension with one ride height
- **ASF-DL3** Air suspension with three ride heights
- **ACTST-TO** Volvo Dynamic Steering
- **ASFE-BAS** Volvo Dynamic Steering, basic
- **ASFE-OG** Volvo Dynamic Steering with Stability Assist
- **ASFE-PO** Volvo Dynamic Steering with Personal Settings and Stability Assist
- **ASFE-PS** Volvo Dynamic Steering with Personal Settings
- **PSS-SING** Single power steering system
- **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-AIR** Rear air springs
- **RST-AIR6** Rear air springs for hot climates
- **SUSPL-EC** Remote control for air suspension levelling
- **FRAME266** Frame rail section external height 266 mm
- **FRAME300** Frame rail section external height 300 mm
- **FST7070** Frame thickness - web 7.0 mm / flange 7.0 mm
- **FST8080** Frame thickness - web 8.0 mm / flange 8.0 mm

■ Standard Equipment

□ Optional Equipment

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☐ FIL-EEEB	Frame inner liner from end of engine to end of bogie	☒ SUP-LOW	Low side underrun protection, aluminium
☐ FIL-EEEF	Frame inner liner from end of engine to end of frame	☐ CHAIN-S	Snow chains
☐ FIL-FBEB	Frame inner liner from front of bogie to end of bogie	☐ HOOK-SC	Snow chain hooks
☒ FIL-TXEB	Frame inner liner from transmission cross member to end of bogie	☒ TOWF-HD1	One heavy-duty front towing device
☐ FIL-TXEF	Frame inner liner from transmission cross member to end of frame	☐ TOWMBRH	Towing member, high-mounted in centre of frame
☒ BBOX-L	Battery box on left-hand side	☒ TOWMBRL1	Towing member, low-mounted under frame
☒ BATS-S	Single battery system (2 batteries)	☐ TOWMBRL2	Towing member, low and forward-mounted under frame
☒ 2BATT170	Batteries, 2x170 Ah	☐ TOWMBRM	Towing member, medium-mounted in line with lower frame flange
☐ 2BATT225	Batteries, 2x225 Ah	☐ RFEC-L	Tapered lower rear frame end (for centre axle drawbar)
☒ BATTAMP	Battery voltmeter and ammeter	☒ RFEC-S	Straight-cut rear frame end
☐ BATTIND	Battery voltmeter, ammeter and battery status gauge with visual alerts	☐ RFEC-U	Upper corner cut on rear frame end (for e.g. tipper, refuse and hook lift applications)
☐ ADR1	ADR adaptation, 1 switch in dashboard	☐ C-RI4040	Coupling Ringfeder 4040A G-150
☐ ADR2	ADR adaptation, 1 switch in dashboard, 1 outside on back of cab	☐ C-RI4045	Coupling Ringfeder 4045A G-150
☐ MSWI-A	ADR main switch	☐ C-RI5050	Coupling Ringfeder 5050A G-150
☐ MSWI-C	Main switch on chassis	☐ C-RO50	Coupling Rockinger 50 mm
☒ MSWI-R	Key remote controlled main switch	☐ C-VBG520	Coupling VBG 5200D
☒ R350A56	Right 350-litre, D-shaped aluminium fuel tank, 560 mm high Min volume 255l Max volume 650l	☐ C-VBG795	Coupling VBG 795V
☒ UL-FUEL	Without left side fuel tank Min volume 160l Max volume 330l	☐ 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.
☐ ADTP-L	AdBlue tank on left hand side	☐ TREL-PK	Trailer electrical preparation kit (chassis/cab wiring)
☒ ADTP-R	AdBlue tank on right hand side	☐ TREL14	14-pin trailer connection
☒ ADB048	AdBlue tank: usable volume 48 litres, 560 mm high, mounted on chassis side	☐ TREL15	15-pin trailer connection (ADR certified)
☐ ADB064	AdBlue tank: usable volume 64 litres, 710 mm high, mounted on chassis side	☐ TREL7	7-pin trailer connection (ISO 24N)
☐ ADB068	AdBlue tank: usable volume 68 litres, 560 mm high, mounted on chassis side	☐ TREL7-7	2x7-pin trailer connection (ISO 24N+24S, non-ADR)
☐ ADB083	AdBlue tank: usable volume 83 litres, 560 mm high, mounted on chassis side	☐ TBC-EC	Trailer brake connection, European Community
☐ ADB090	AdBlue tank: usable volume 90 litres, 710 mm high, mounted on chassis side	☐ TRBR-HCR	Reduced-pressure, hand-controlled trailer brake check (4 bar)
☐ ADB100	AdBlue tank: usable volume 100 litres, 710 mm high, mounted on chassis side	☐ TRBR-STA	Stationary trailer brake check
☐ ADB112	AdBlue tank: usable volume 112 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
☐ ADTC-BF	AdBlue tank cover, silver metallic	☐ RUP-FOLD	Foldable and slidable aluminium rear underrun protection, not UN/ECE R58.03 compliant
☒ FCAP-L	Lockable diesel and AdBlue filler caps	☐ RUP-FOSL	Foldable and slidable aluminium rear underrun protection, not UN/ECE R58.03 compliant
☒ FUFF-AS	Fuel filling anti-spillage device	☐ RFEND-B	Rear 3-piece mudguards (anti-spray) on all rear axles
☐ FUFF-ATS	Fuel filling anti-theft and anti-spillage device	☐ RFH-BAS	Basic mudguard installation height on 2nd front axle and rear axles
☐ ESH-LEFT	Horizontal silencer, left exhaust outlet	☐ RFH-HIG	High mudguard installation height on 2nd front axle and rear axles
☒ ESH-REAR	Horizontal silencer, rear exhaust outlet	☐ RFH-LOW	Low mudguard installation height on 2nd front axle and rear axles
☐ ESV-VERT	Vertical silencer, vertical exhaust outlet on right-hand side	☐ AUXATNK	Extra air tank for air suspension
☐ EXST-SSP	Vertical exhaust top pipe, bright polished stainless steel	☐ ATANK-AL	Aluminium air tanks
☐ EXST-ST	Vertical exhaust top pipe, aluminised steel	☒ ATANK-ST	Steel air tanks
☐ HS-NAR	Muffler heat shield (EATS), narrow	☐ 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)
☐ WHC-FIX2	Two non-collapsible wheel chocks	☒ 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 .
☒ 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		

☒ Standard Equipment

☐ Optional Equipment

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Rims and tyres

- ☐ **RT-AL** Brushed aluminium rims with standard holes (long stud fixing) on all axles
- ☐ **RT-AL1** Lvl ONE® smooth and glossy aluminium rims with standard holes (long stud fixing) on all axles
- ☐ **RT-AL1DU** Lvl ONE® smooth and glossy aluminium rims with countersunk holes (short stud fixing) on all axles

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□ RT-ALDP	Dura-Bright® polished aluminium rims with standard holes (long stud fixing) on all axles	□ TC-MWO	Basic performance cooler for manual/I-Shift gearboxes - water/oil
□ RT-ALDPD	Dura-Bright® polished aluminium rims with countersunk holes (short stud fixing) on all axles	■ TC-MWOH2	High performance cooler for manual/I-Shift gearboxes - water/oil
□ RT-ALDU	Brushed aluminium rims with countersunk holes (short stud fixing) on all axles	□ 2COM1080	Dual-cylinder air compressor 704 cc, 1080 l/min
■ RT-STEEL	Steel rims on all axles	□ 2COM1100	Dual-cylinder air compressor 760 cc, 1100 l/min
□ WCAP	Wheel caps	■ 2COMP870	Dual-cylinder, two-stage air compressor 560 cc, 870 l/min
□ SPWT-D	Spare driving wheel	□ 2COMP900	Dual-cylinder air compressor 636 cc, 900 l/min
□ SPWT-F	Spare front wheel	□ CLU-AIRC	Air compressor clutch with automatic declutching when not needed, to save fuel
□ SWCP-T	Spare wheel transport-mounted on top of frame	■ AIRIN-HI	High air inlet
□ SWCP-TP	Spare wheel and carrier transport-mounted on top of frame	□ AIRIN-LO	Low air inlet
□ 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	□ ACL1ST-S	Air cleaner with extra filter element
□ 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	□ 24A110BL	Alternator 110 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	■ 24A150BL	Alternator 150 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.	□ 24A180BL	Alternator 180 Ampere
□ INFLAHOS	Tyre inflation hose 18 m. The air is supplied by a chassis-mounted pneumatic outlet (must be ordered separately).	□ 24AL110B	Alternator 110 Ampere
□ GAUGE-TP	Tyre pressure gauge	□ 24AL150B	Alternator 150 Ampere
Powertrain equipment		■ CCV-C	Closed crankcase ventilation
□ TRAP-HD	Reinforced gearbox range housing	□ CCV-O	Open crankcase ventilation
■ DRM-BE	I-Shift drive modes Economy, Standard and Performance	□ PRIM-EL	Electrical priming pump for removal of air in the fuel system
□ DRM-E	I-Shift drive mode Economy	■ PRIM-MAN	Manual priming pump for removal of air in the fuel system
□ PVT-BAS	I-See	□ FUEQ-EH	Fuel line electric heater
■ CRUIS-E	I-Cruise cruise control, I-Roll included	□ AF-E	Electrically heated fuel filter
□ CRUIS-E5	I-Torque cruise control, optimized for fuel economy, I-Roll included	■ AF-R	Hot fuel recirculation heated fuel filter
■ AMSO-AUT	I-Shift manual gear shifting available in automatic mode, including kick-down function	■ FUEFE2LW	Large engine-mounted dual fuel filter with water separator and drain
□ AVO-ENH	I-Shift with enhanced software for construction and off-road applications	□ FUEFE2SW	Small engine-mounted dual fuel filter with water separator and drain (for good fuel quality)
□ APF-ENH	I-Shift with enhanced PTO functions (Auto neutral for p. brake/Reverse inhibit/Split box connection)	■ EST-AID	Engine intake air heater
□ RET-TH	Gearbox-mounted, hydrodynamic oil retarder	□ 220EBH15	Engine block heater, 220 V, 1.5 kW
□ TC-HWO	Cooler for hydraulic gearboxes - water/oil	□ PTER-100	Rear engine, clutch-independent PTO, flange connection, DIN 100/ISO 7646
□ TC-MAOH2	Extra high performance cooler for manual/I-shift gearboxes - air/oil	□ PTER-DIN	Rear engine, clutch-ind. PTO, splined shaft groove (fem), close-coupled pump DIN 5462/ISO7653
		□ HPE-F101	Engine-mounted hydraulic pump F1-101, fixed displacement, single flow
		□ HPE-F41	Engine-mounted hydraulic pump F1-41, fixed displacement, single flow
		□ HPE-F51	Engine-mounted hydraulic pump F1-51, fixed displacement, single flow
		□ HPE-F61	Engine-mounted hydraulic pump F1-61, fixed displacement, single flow
		□ HPE-F81	Engine-mounted hydraulic pump F1-81, fixed displacement, single flow
		□ HPE-T53	Engine-mounted hydraulic pump F2-53/53, fixed displacement, twin flow
		□ HPE-T70	Engine-mounted hydraulic pump F2-70/35, fixed displacement, twin flow
		□ HPE-V45	Engine-mounted hydraulic pump VP1-45, variable displacement, single flow
		□ HPE-V75	Engine-mounted hydraulic pump VP1-75, variable displacement, single flow
		□ PTPT-D	Gearbox PTO, 1 front/upper connection DIN 5462/ISO 7653 for plug-in pump, 850 Nm
		□ PTPT-F	Gearbox PTO, 1 front/upper rear flange connection SAE 1410/ISO 7647 for propshaft, 850 Nm
		□ PTR-D	Gearbox low-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 1000 Nm
		□ PTR-DH	Gearbox high-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm
		□ PTR-DM	Gearbox medium-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm
		□ PTR-F	Gearbox low-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 1000 Nm
		□ PTR-FH	Gearbox high-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm

■ Standard Equipment

□ Optional Equipment

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□ PTR-FL	Gearbox low-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 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-D1	Gearbox high-speed PTO, 1 rear SAE 1410/ISO 7647, 1 front DIN5462/ISO7653, 870 Nm	□ WARNVEST	Reflective vest, fulfils European standard EN 471 class 2
□ PTRD-D2	Gearbox PTO, 2 rear hi/lo-speed SAE1310/1410/ISO7647, 1 front hi-speed DIN5462/ISO7653, 870/1000 Nm	■ WARNTRI2	Two warning triangles
□ PTRD-F	Gearbox high-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 870 Nm	■ AIDKIT	First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors.
□ HPG-F81	Gearbox-mounted hydraulic pump F1-81, fixed displacement, single flow	■ WRITEPAD	Writing pad with paper clamp
Cab Interior, Driving			
■ STWPOS-L	Left-hand drive	Cab Interior, Living	
□ STWM-LE	Steering wheel material leather	□ DST-CF5	Driver's seat Comfort, belt in seat, heated, adjustable lumbar&side support, extendable seat cushion
□ STGW-AD2	Manually adjustable steering wheel with neck tilt	■ DST-CF6	Driver's seat Comfort, belt in seat, heated, ventilated
■ STGW-ADJ	Manually adjustable steering wheel	□ DST-LUX1	Driver's seat Deluxe, belt in seat, heated, ventilated
□ AIRBAG	Airbag on driver's side	□ SBD-RED	Red safety belts, passenger and driver seats
■ DRC-AMII	Regeneration control for DPF, initiation: automatic or manual, inhibition: manual	□ SBPRE-DS	Driver's seat belt pretensioner
□ DRC-AUTO	Regeneration control for DPF, fully automatic (in motion)	□ PST-BAS1	Passenger seat Basic, non-suspended
□ 1DAYB	One-day analogue tachograph, basic	□ PST-CF4	Passenger seat Comfort, suspended, belt in seat
■ TAC-PK2	Preparation kit for tachograph	□ PST-CF5	Passenger seat Comfort, suspended, belt in seat, electrically heated
□ ARSL	Additional road speed limiter control (switch in dashboard)	■ PST-STD2	Passenger seat Regular, non-suspended
■ ACCLF-D	Volvo torque assist - Disabled	□ PST-STD4	Passenger seat Regular, suspended
□ ACCLF-E	Volvo torque assist - Enabled	□ SBPRE-PS	Passenger seat belt pretensioner
■ ESP-BAS1	ESP for tractor combinations with ABS/EBS or rigid vehicles/combinations with std center of gravity	□ ARMRE-BB	Two armrests on both driver's and passenger seats
□ ESPC-RO	Electronic stability program functionality control, switch - On/Reduced/Off	□ ARMRE-DB	Two armrests on driver's seat
□ HWSS-ACB	Adaptive cruise control with forward collision warning (stationary and moving objects) and emergency braking. Using both radar and camera to collect info.	□ ARMRE-PB	Two armrests on passenger seat
□ HWSS-FCB	Collision Warning with Emergency Brake (forward)	□ ARU-BAS	Vinyl armrest upholstery
□ LSS-DW	Lane Keeping Support - lane departure warning	□ ARU-LEA	Leather armrest upholstery
□ LSS-DW3	Pilot Assist - active, continuous lane keeping	■ FMAT-RUB	Black rubber floor mats
□ LCS2	Side Collision Avoidance Support, passenger side collision warning (sound and visual information), passenger side	□ FMAT-TX2	Two textile (dark grey on FH/FM/FMX, black on FH16) and two black rubber floor mats
■ LCS4	Side Collision Avoidance Support, side collision warning, both sides	■ LBK70	Lower fixed bed 2000x700 mm, non-foldable, safety net included
■ DAS-W	Driver Alert Support	■ MATL-FI	Mattress lower bed firm, pocket springs, recommended for body weight over 100 kg
□ RSSENS-W	Wipers rain sensor	□ MATL-SF	Mattress lower bed semi-firm, pocket springs, recommended for body weight up to 100 kg
■ CU-ECC	Automatic climate control with sun sensor	□ OLMAT-BA	Overlay mattress, 28 mm thick black textile
□ CU-ECC2	Automatic climate control with sun sensor, humidity sensor, air quality sensor and carbon filter	□ OLMAT-PR	Overlay mattress Premium, 35 mm thick black textile
□ CU-MCC	Manual climate control (heater/cooler function)	□ TBK60F	Fixed top bed 600x1900 mm, foldable up to 52° (depending on cab & upper storage), net included
■ IGT-BUT	Push button ignition	□ TBK70F	Fixed top bed 700x1900 mm, foldable up to 52° (depending on cab & upper storage), net included
■ IMMOBIL	Immobiliser	□ PH-CAB2	Cab parking heater, 2 kW
□ ALARM-E	Anti-theft alarm for cab, superstructure and trailer	□ PH-ENGCA	Engine and cab parking heater
□ PHONE-PK		□ PH-SS	Short stop cab heater
□ ISUNS-BS	Side interior roller blind on both sides, manually manoeuvred	□ SLCP-BAS	Basic sleeper control panel (interior light, parking heater, roof hatch, door locks)
■ ISUNS-DS	Side interior roller blind on driver's side, manually manoeuvred	□ ETSB-FRS	Storage at front of engine tunnel and immersed in RH side of tunnel
□ ISUNF-RE	Interior roller blind, integrated in front shelf, electrically manoeuvred	□ ETSB-FS	Storage at back of engine tunnel, at back against rear cab wall and immersed in RH side of tunnel
■ ISUNF-RM	Interior roller blind, integrated in front shelf, manually manoeuvred	□ ETSB-S	Storage immersed in RH side of engine tunnel
□ ADFS	Two extra DIN slots in front shelf, 165x40x180 mm (W x H x D)	□ RUS-BAS	Storage in rear upper cab, 154 litres (300 mm high)
■ BUPALARM	Reversing warning	□ RUS-HIG	Storage in rear upper cab, 245 litres (440 mm high)
□ LOADIND	Load indicator, shown in instrument display and side display	□ REF-ICPK	Preparation kit for refrigerator
		□ REFR-RUS	Refrigerator 28-litre, with dividers, on rear upper wall
		□ MICRO-PK	Preparation kit for microwave oven (electrical cables to front shelf)
		■ BOTH-D	One bottle holder under dashboard centre section
		□ COFMA-PK	Preparation kit (24 V) for coffee maker

■ 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 64 Rigid Diesel Rear Air FMX 64R 3A

■ INLI-BAS	Interior white light with smooth light transition at on/off, no dimming	□ HLP-ST2	Steel and plastic headlamp protectors with steel grating for extra rough applications
□ INLI-NL	Interior white and red (night) light with smooth light transition at on/off	□ HL-ADJ	Manually adjustable headlamp beam
□ INLI-NLD	Interior white and red (night) light with smooth light transition at on/off and dimmer	■ DRL-LED	Daytime running lamps (LED)
□ ARL-FLEX	Two (driver and passenger side) LED reading lamps with flexible arms, mounted on sidewalls	□ UDRL	Without daytime running lamps (LED)
□ RH-EE	Roof skylight/emergency exit, tinted glass (not a hatch)	■ UDRVL	Without extra main beam
□ RH-ER	Roof hatch, electrically operated, steel, with emergency exit handle	□ ASL-RF2	Two LED spot lamps in sign box
□ RH-ETR	Roof hatch, electrically operated, tinted glass, rear opening 50 mm	□ IDLAMP-A	Three amber identification lamps on mid front roof
■ RH-MTR	Roof hatch, manually operated, tinted glass, rear opening 50 mm	□ IDLAMP-W	Three white identification lamps on mid front roof
■ GLAS-TIN	Tinted windows	□ IDLMPSW	Switch in cab for identification lamps
□ SWIND-BS	Rear side window on both sides	□ BEACOA2F	Two amber LED beacons on cab front roof
□ SWIND-PS	Rear side window on passenger side	□ BEACOA2R	Two amber LED beacons on cab rear roof
□ AWIND-RF	Fixed window in back of cab (without curtains)	□ BEACON-P	Preparation kit for roof beacons
□ VANMIR	Vanity mirror in front shelf lid	□ BEACONA4	Four amber LED beacons on roof - two on front, two on rear
□ AS-FUS	One extra shelf in each of the two front upper storage compartments	□ CABPT-R1	One front cab roof pass-through on passenger side
□ INFOT-PK	Preparation kit (bracket, security straps, and antenna cable) for mounting of TV above driver door	■ CABPT-R2	Two front cab roof pass-throughs, one on each side
Cab exterior		□ SPOTP-F	Preparation kit for spot lamp in cab front, max 280 W
■ EXTL-BAS	Exterior trim level basic	□ SPOTP-R	Preparation kit for spot lamp in cab roof, max 280 W
■ DGLAS-H	Tempered door window glass	□ SPOTP-RF	Preparation kit for spot lamp in cab roof and front, max 280 W
□ DGLAS-L	Laminated window glass in doors. The glass can crack, but retains its protective effect. It also provides better sound insulation.	□ ROS-IL2	Preparation kit for installation of roof sign illumination
■ BUMP-HD	Heavy-duty front bumper	□ CSGN-FMX	FMX decal in the roof sign box
□ AUXFS	Extra footstep in cab side	■ HORN-F1S	Single-tone Jericho horn behind grille, operated by steering wheel buttons
□ GUARD-EH	Guard plate for cooling pipes and oil sump	□ ANT-CBR	Preparation kit for communication/CB radio: roof-mounted single antenna and wiring
□ SIDEH-B	Guide rail on day cab, driver's side	□ ACCBP-AP	Accessory brackets mounted on front roof, midroof and rear roof
□ SIDSTP-R	Side ladder and guide rail on day cab, driver's side	□ ACCBP-F	Accessory bracket mounted on front roof
■ BUGNET	Insect screen (PVC-coated fibreglass) in front of radiator	□ ACCBP-FM	Accessory brackets mounted on front roof and midroof
□ CTILT-P-E	Electric cab tilt pump	□ ACCBP-FR	Accessory brackets mounted on front and rear roof
□ CTILT-P-M	Manual cab tilt pump	□ ACCBP-M	Accessory bracket mounted on midroof
□ FCABS-A	Air front cab suspension	□ ACCBP-R	Accessory brackets mounted on mid-roof and rear roof
■ FCABS-M	Mechanical front cab suspension	□ ACCBP-RM	Accessory bracket mounted on rear roof
□ RCABS-A	Air rear cab suspension	Superstructure preparations	
■ RCABS-M	Mechanical rear cab suspension	□ CROSSRE	Cross reinforcement of frame for swap body
□ MIRCFCPX	Rear-view and wide-angle mirrors (both sides), passenger corner camera (FMX)	□ SRWL-PK	Preparation kit for LED reverse/work lamps at rear chassis, 3-pos switch (On/Off/Reverse auto On)
□ MIRCMCP	Camera Monitor System and passenger corner camera	□ SWL-2FW	2 white LED work lamps at front of chassis, and a 2-position switch (On/Off)
□ MIRCMS	Camera Monitor System	□ SWL-2RW	2 white LED work lamps, rearward-facing on rear chassis (LH/RH side)
■ MIRCOMFX	Robust rear-view and wide-angle mirrors (both sides), kerb observation mirror	□ SWL-4W	4 white LED work lamps on chassis (2 front, 2 rear) and a flexible switch (On/Off)
■ AMIR-F20	Front close-view mirror above windscreen, passenger side (radius 200 mm)	□ SWL-PK	Preparation kit for LED work lamps on chassis, with a 2-pos switch (On/Off)
■ SUNV-H	Exterior front sun visor, transparent dark-grey	□ WL-CHPK	Preparation kit for work lamp (switch with cable to frame, by gearbox)
□ AD-ROOF	Roof air deflector	□ WLC-H2A	2 white LED work lamps, high-mounted on back of cab (switch included)
□ AD-SIDES	Cab side air deflectors, short	□ WLC-H2W	Preparation kit (cables and switch) for work lamp inside or outside superstructure
□ HL-BASIC	Halogen H7 headlamps	□ WLC-PKCH	Preparation kit (cables and switch) for high-mounted work lamps on back of cab
■ HL-LED	LED headlamps	□ WLC-PKH	Preparation kit (cables and switch) for low-mounted work lamps on back of cab
□ HL-LED3	LED headlamps with adaptive high beam	□ WLC-PKL	Preparation kit (cables and switch) for low- and high-mounted work lamps on back of cab
□ HBDA-A	Automatic main beam deactivation and reactivation	□ WLC-PKLH	Preparation kit (cables and switch) for low- and high-mounted work lamps on back of cab
■ HL-CLEAN	High-pressure headlamp cleaner	□ ECBB-BAS	Body builder electrical centre, prepared for body builder module
□ HLP-ST	Steel headlamp protectors (steel and plastic for FMX)	□ 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

■ Standard Equipment

□ Optional Equipment

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MODEL RANGE

FMX D13 64 Rigid Diesel Rear Air FMX 64R 3A

- **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
- **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)