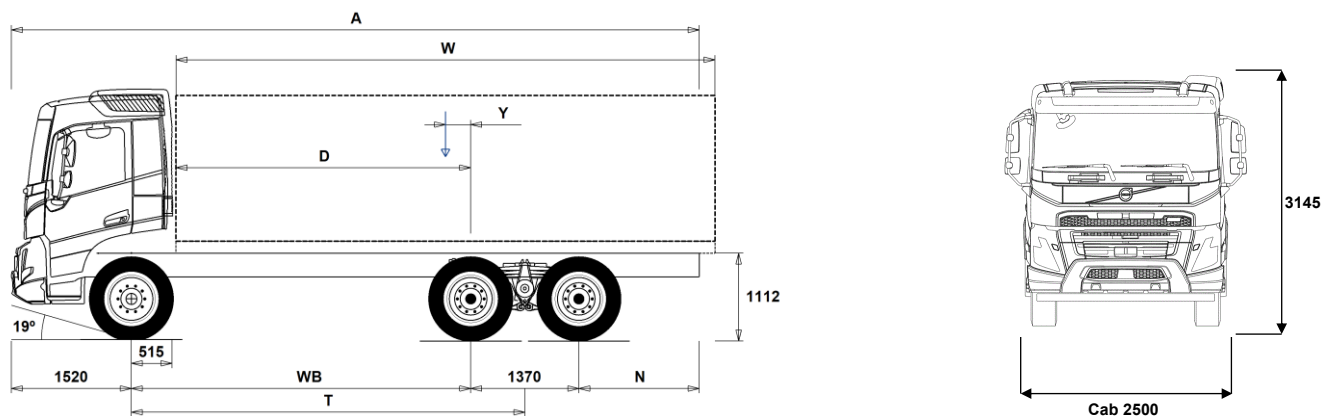


MODEL RANGE

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.)	-89	-59	-15	15	73	125	159	204	259
Y Center of Gravity for Payload (Max.)	-89	-59	-15	15	73	125	159	204	259
W Body Length (Min.)	5466	5807	6318	6659	7343	7839	8371	8851	9491
W Body Length (Max.)	5466	5807	6318	6659	7343	7839	8371	8851	9491

Chassis Weights [kg]

Front Axle	4860	4865	4875	4880	4900	4885	4925	4930	4955
Rear Bogie	3345	3360	3385	3395	3455	3560	3505	3535	3570
Kerb Weight	8205	8225	8260	8275	8355	8445	8430	8465	8525
Payload (including body, driver, fuel, etc.)	20795	20775	20740	20725	20645	20555	20570	20535	20475

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]

Gross Vehicle Weight	29000
Gross Combination Weight	60000
Front Axle	8000
Rear Bogie	21000

Design

29000
60000
8000
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.

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 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.
- **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-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
- **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
- **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
- **DIESEL** Diesel fuel
- **DIESEL-B** Diesel blend, up to 100% biodiesel
- **EBR-EPG** Engine brake with exhaust pressure governor
- **EBR-EPGC** Exhaust pressure governor with Volvo compression brake
- **EBR-VEB** Volvo Engine Brake, VEB (compression brake with exhaust pressure governor, EPG)
- **EBR-VEB+** Volvo Engine Brake, VEB+ (high efficiency compression brake with exhaust pressure governor, EPG)
- **AT2612** I-Shift automated 12-speed gearbox, 2600 Nm
- **AT2812** I-Shift automated 12-speed gearbox, 2800 Nm
- **ATO2612** I-Shift automated 12-speed gearbox with overdrive, 2600 Nm
- **ATO3112** I-Shift automated 12-speed gearbox with overdrive, 3100 Nm
- **PT2606** Powertronic 6-speed powershift gearbox, 2600 Nm
- **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
- **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
- **DRIV-EXT** Driver convenience package, Extended
- **DRIV-SEL** Driver convenience package, Selected
- **1LIVINFM** Living package, 1 bed (FM)
- **2LIVINFM** Living package, 2 beds (FM)
- **INFOHIGH** Information package, high (with side display)
- **OFFROADD** Construction package for FM/FMX day cab
- **OFFROADS** Construction package for sleeper cab
- **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-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-EEEB** Frame inner liner from end of engine to end of bogie
- **FIL-EEEF** Frame inner liner from end of engine to end of frame
- **FIL-FBEB** Frame inner liner from front of bogie to end of bogie
- **FIL-FBEF** Frame inner liner from front of bogie to end of frame
- **FIL-TXEB** Frame inner liner from transmission cross member to end of bogie
- **FIL-TXEF** Frame inner liner from transmission cross member to end of frame
- **BBOX-L** Battery box on left-hand side
- **BATS-D** Dual battery system (2 vehicle batteries and 2 starter batteries)
- **BATS-S** Single battery system (2 batteries)
- **2BAT210B** Gel batteries, 2x210 Ah
- **2BAT210C** AGM batteries, 2x210 Ah

■ Standard Equipment

□ Optional Equipment

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■ BATTAMP Battery voltmeter and ammeter □ BATTIND Battery voltmeter, ammeter and battery status gauge with visual alerts □ 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 □ ADB090 AdBlue tank: usable volume 90 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-VERT Horizontal silencer, vertical exhaust outlet on right-hand side □ EXST-SSP Vertical exhaust top pipe, bright polished stainless steel □ EXST-ST Vertical exhaust top pipe, aluminised steel □ 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 □ SUP-LOW Low 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 □ 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-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) □ TREL15 15-pin trailer connection (ADR certified) □ TREL7-7 2x7-pin trailer connection (ISO 24N+24S, non-ADR) □ TBC-DUO Trailer brake connection, Duomatic □ TBC-EC Trailer brake connection, European Community □ 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 Rear 3-piece mudguards (anti-spray) on all rear axles □ RFEND-B Transport mudguard □ 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 □ REST-RUP Reflective red stripe on rear underrun protection □ 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. □ FRACLOS Frame end closing
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 □ RT-ALDP Dura-Bright® polished aluminium rims with standard holes (long stud fixing) on all axles □ RT-ALDPD Dura-Bright® polished aluminium rims with countersunk holes (short stud fixing) on all axles □ RT-ALDU Brushed aluminium rims with countersunk holes (short stud fixing) on all axles ■ RT-STEEL Steel rims on all axles □ WCAP Wheel caps □ SPWT-D Spare driving wheel □ SPWT-F Spare front wheel □ SWCP-LF Spare wheel carrier on left side in front of rear axle □ SWCP-R Spare wheel carrier mounted behind rear axle □ SWCP-T Spare wheel transport-mounted on top of frame □ SWCP-TP Spare wheel and carrier transport-mounted on top of frame □ 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 □ 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	

■ Standard Equipment

□ Optional Equipment

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

■ JACK-20T	lowering and a filter in the oil reservoir gives protection from contamination. Height 225-438 mm, weight 9.4 kg 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	□ ACL1ST-S	Air cleaner with extra filter element
		■ 24A110BL ■ 24A150BL □ 24A180BL □ 24AL110B □ 24AL150B	Alternator 110 Ampere Alternator 150 Ampere Alternator 180 Ampere Alternator 110 Ampere Alternator 150 Ampere
■ TOOL-BAS	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.	□ CCV-C	Closed crankcase ventilation
		□ PRIM-EL ■ PRIM-MAN	Electrical priming pump for removal of air in the fuel system Manual priming pump for removal of air in the fuel system
□ 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.	□ AF-R	Hot fuel recirculation heated fuel filter
		■ EST-AID	Engine intake air heater
■ INFLAHOS	Tyre inflation hose 18 m. The air is supplied by a chassis-mounted pneumatic outlet (must be ordered separately).	□ 220EBH15	Engine block heater, 220 V, 1.5 kW
		□ PTER-100	Rear engine, clutch-independent PTO, flange connection, DIN 100/ISO 7646
□ GAUGE-TP	Tyre pressure gauge	□ PTER-DIN	Rear engine, clutch-ind. PTO, splined shaft groove (fem), close-coupled pump DIN 5462/ISO7653
		□ PTER1400	Rear engine, clutch-independent PTO, flange connection, SAE 1410/ISO 7647
Powertrain equipment		□ HPE-F101	Engine-mounted hydraulic pump F1-101, fixed displacement, single flow
□ TRAP-HD	Reinforced gearbox range housing	□ HPE-F41	Engine-mounted hydraulic pump F1-41, fixed displacement, single flow
■ DRM-BE □ DRM-E	I-Shift drive modes Economy, Standard and Performance I-Shift drive mode Economy	□ HPE-F51	Engine-mounted hydraulic pump F1-51, fixed displacement, single flow
□ PVT-MAP ■ PVT-MTM	I-See I-See	□ HPE-F61	Engine-mounted hydraulic pump F1-61, fixed displacement, single flow
■ CRUIS-E □ CRUIS-E5	I-Cruise cruise control, I-Roll included I-Torque cruise control, optimized for fuel economy, I-Roll included	□ HPE-F81	Engine-mounted hydraulic pump F1-81, fixed displacement, single flow
□ AMSO-AUT	I-Shift manual gear shifting available in automatic mode, including kick-down function	□ HPE-T53	Engine-mounted hydraulic pump F2-53/53, fixed displacement, twin flow
□ AVO-ENH	I-Shift with enhanced software for construction and off-road applications	□ HPE-T70	Engine-mounted hydraulic pump F2-70/35, fixed displacement, twin flow
□ APF-ENH	I-Shift with enhanced PTO functions (Auto neutral for p. brake/Reverse inhibit/Split box connection)	□ HPE-V45	Engine-mounted hydraulic pump VP1-45, variable displacement, single flow
□ RET-TH □ RET-TPT	Gearbox-mounted, hydrodynamic oil retarder Gearbox-mounted Powertronic primary retarder	□ HPE-V75	Engine-mounted hydraulic pump VP1-75, variable displacement, single flow
□ TC-HWO □ TC-MAOH2	Cooler for hydraulic gearboxes - water/oil Extra high performance cooler for manual/I-shift gearboxes - air/oil	□ PTPT-D	Gearbox PTO, 1 front/upper connection DIN 5462/ISO 7653 for plug-in pump, 850 Nm
■ TC-MWO	Basic performance cooler for manual/I-Shift gearboxes - water/oil	□ PTPT-F	Gearbox PTO, 1 front/upper rear flange connection SAE 1410/ISO 7647 for propshaft, 850 Nm
□ TC-MWOH2	High 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
■ 2COM1100 □ 2COMP870 □ 2COMP900	Dual-cylinder air compressor 760 cc, 1100 l/min Dual-cylinder, two-stage air compressor 560 cc, 870 l/min Dual-cylinder air compressor 636 cc, 900 l/min	□ PTR-DH	Gearbox high-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm
□ CLU-AIRC	Air compressor clutch with automatic declutching when not needed, to save fuel	□ PTR-DM	Gearbox medium-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm
■ AIRIN-HI □ AIRIN-LO	High air inlet Low air inlet	□ 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
		□ PTRD-F	Gearbox high-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 870 Nm
		□ HPG-F101	Gearbox-mounted hydraulic pump F1-101, fixed displacement, single flow
		□ HPG-F41	Gearbox-mounted hydraulic pump F1-41, fixed displacement, single flow
		□ HPG-F51	Gearbox-mounted hydraulic pump F1-51, fixed displacement, single flow
		□ HPG-F61	Gearbox-mounted hydraulic pump F1-61, fixed displacement, single flow
		□ HPG-F81	Gearbox-mounted hydraulic pump F1-81, fixed displacement, single flow

■ Standard Equipment

□ Optional Equipment

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Cab Interior, Driving

- **STWPOS-L** Left-hand drive
- **STWM-LE** Steering wheel material leather
- **STGW-AD2** Manually adjustable steering wheel with neck tilt
- **STGW-ADJ** Manually adjustable steering wheel
- **AIRBAG** Airbag on driver's side
- **DRC-AMII** Regeneration control for DPF, initiation: automatic or manual, inhibition: manual
- **DRC-AUTO** Regeneration control for DPF, fully automatic (in motion)
- **1DAYDIG4** Gen 4, one-day digital tachograph, EC approved
- **ARSL** Additional road speed limiter control (switch in dashboard)
- **SPEED-DU** Dual speed limiter
- **ESP-BAS1** ESP for tractor combinations with ABS/EBS or rigid vehicles/combinations with std center of gravity
- **ESPC-RO** Electronic stability program functionality control, switch - On/Reduced/Off
- **HWSS-ACB** Adaptive cruise control with forward collision warning (stationary and moving objects) and emergency braking. Using both radar and camera to collect info.
- **HWSS-FCB** Collision Warning with Emergency Brake (forward)
- **LSS-DW** Lane Keeping Support - lane departure warning
- **LSS-DW3** Pilot Assist - active, continuous lane keeping
- **LCS4** Side Collision Avoidance Support, side collision warning, both sides
- **LCS5** Active Side Collision Avoidance Support: Collision Warning for both sides (sound and visual information) and Emergency Brake for passenger side
- **DAS-W** Driver Alert Support
- **RSENS-W** Wipers rain sensor
- **CU-ECC** Automatic climate control with sun sensor
- **CU-ECC2** Automatic climate control with sun sensor, humidity sensor, air quality sensor and carbon filter
- **IGT-BUT** Push button ignition
- **IMMOBIL** Immobiliser
- **ALARM-E** Anti-theft alarm for cab, superstructure and trailer
- **PHONE-PK**
- **ISUNS-BS** Side interior roller blind on both sides, manually manoeuvred
- **ISUNS-DS** Side interior roller blind on driver's side, manually manoeuvred
- **ISUNF-B**
- **ISUNF-MD**
- **ISUNF-RE** Interior roller blind, integrated in front shelf, electrically manoeuvred
- **ISUNF-RM** Interior roller blind, integrated in front shelf, manually manoeuvred
- **ADFS** Two extra DIN slots in front shelf, 165x40x180 mm (W x H x D)
- **BUPALARM** Reversing warning
- **RTOLL-PK** Preparation kit for electronic road fee (GPS/GSM antenna and cables)
- **REMC-MF** Wireless remote control, multi-functional
- **FIREXT2G** Fire extinguisher 2 kg, German decal
- **FIREXT3S** Fire extinguisher 3 kg, Swedish/English decal
- **WARNVEST** Reflective vest, fulfils European standard EN 471 class 2
- **WARNTRI2** Two warning triangles
- **AIDKIT** First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors.
- **AIDKIT1B** First aid kit containing sticking plaster, compresses, elastic bandages, gloves, scissors, triangular bandage, bandaging

cloths, adhesive tape and rescue sheet (German requirements)

- **WARNLAMP** Portable amber and white warning lamp with batteries
- **LAMP-IN** Inspection lamp with 10 m cable
- **BULBKIT** Bulb and fuse kit
- **WRITEPAD** Writing pad with paper clamp

Cab Interior, Living

- **DST-CF1** Driver's seat Comfort
- **DST-CF4** Driver's seat Comfort, belt in seat
- **DST-CF5** Driver's seat Comfort, belt in seat, heated, adjustable lumbar&side support, extendable seat cushion
- **DST-CF6** Driver's seat Comfort, belt in seat, heated, ventilated
- **DST-LUX1** Driver's seat Deluxe, belt in seat, heated, ventilated
- **SBD-RED** Red safety belts, passenger and driver seats
- **SBPRE-DS** Driver's seat belt pretensioner
- **PST-BAS1** Passenger seat Basic, non-suspended
- **PST-CF4** Passenger seat Comfort, suspended, belt in seat
- **PST-CF5** Passenger seat Comfort, suspended, belt in seat, electrically heated
- **PST-STD2** Passenger seat Regular, non-suspended
- **PST-STD4** Passenger seat Regular, suspended
- **SBPRE-PS** Passenger seat belt pretensioner
- **ARMRE-BB** Two armrests on both driver's and passenger seats
- **ARMRE-DB** Two armrests on driver's seat
- **ARMRE-PB** Two armrests on passenger seat
- **ARU-BAS** Vinyl armrest upholstery
- **ARU-LEA** Leather armrest upholstery
- **FMAT-RUB** Black rubber floor mats
- **FMAT-TX2** Two textile (dark grey on FH/FM/FMX, black on FH16) and two black rubber floor mats
- **LBK70** Lower fixed bed 2000x700 mm, non-foldable, safety net included
- **MATL-FI** Mattress lower bed firm, pocket springs, recommended for body weight over 100 kg
- **MATL-SF** Mattress lower bed semi-firm, pocket springs, recommended for body weight up to 100 kg
- **OLMAT-BA** Overlay mattress, 28 mm thick black textile
- **OLMAT-PR** Overlay mattress Premium, 35 mm thick black textile
- **TBK60F** Fixed top bed 600x1900 mm, foldable up to 52° (depending on cab & upper storage), net included
- **TBK70F** Fixed top bed 700x1900 mm, foldable up to 52° (depending on cab & upper storage), net included
- **PH-CAB2** Cab parking heater, 2 kW
- **PH-ENGCA** Engine and cab parking heater
- **PH-SS** Short stop cab heater
- **SLCP-BAS** Basic sleeper control panel (interior light, parking heater, roof hatch, door locks)
- **ETSB-F** Storage at front of engine tunnel
- **ETSB-FR** Storage at back of engine tunnel and at back, against rear cab wall
- **ETSB-FRS** Storage at front of engine tunnel and immersed in RH side of tunnel
- **ETSB-FS** Storage at back of engine tunnel, at back against rear cab wall and immersed in RH side of tunnel
- **ETSB-R** Storage at back of engine tunnel, against rear cab wall
- **ETSB-RS** Storage immersed in RH side of engine tunnel and at back against rear cab wall
- **ETSB-S** Storage immersed in RH side of engine tunnel
- **RUS-BAS** Storage in rear upper cab, 154 litres (300 mm high)
- **RUS-HIG** Storage in rear upper cab, 245 litres (440 mm high)
- **REF-ICPK** Preparation kit for refrigerator
- **REFR-RUS** Refrigerator 28-litre, with dividers, on rear upper wall

■ 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

☐ MICRO-PK	Preparation kit for microwave oven (electrical cables to front shelf)	☐ HBDA-A	Automatic main beam deactivation and reactivation
☐ BOTH-D	One bottle holder under dashboard centre section	■ HL-CLEAN	High-pressure headlamp cleaner
☐ COFMA-PK	Preparation kit (24 V) for coffee maker	☐ HLP-ST	Steel headlamp protectors (steel and plastic for FMX)
■ INLI-BAS	Interior white light with smooth light transition at on/off, no dimming	■ DRL-LED	Daytime running lamps (LED)
☐ INLI-NL	Interior white and red (night) light with smooth light transition at on/off	■ UDRIVL	Without extra main beam
☐ INLI-NLD	Interior white and red (night) light with smooth light transition at on/off and dimmer	☐ ASL-RF2	Two LED spot lamps in sign box
☐ ARL-FLEX	Two (driver and passenger side) LED reading lamps with flexible arms, mounted on sidewalls	☐ BEACOA2F	Two amber LED beacons on cab front roof
■ RH-EE	Roof skylight/emergency exit, tinted glass (not a hatch)	☐ BEACOA2R	Two amber LED beacons on cab rear roof
☐ RH-ER	Roof hatch, electrically operated, steel, with emergency exit handle	☐ BEACON-P	Preparation kit for roof beacons
☐ RH-ETR	Roof hatch, electrically operated, tinted glass, rear opening 50 mm	☐ BEACONA4	Four amber LED beacons on roof - two on front, two on rear
☐ RH-MTR	Roof hatch, manually operated, tinted glass, rear opening 50 mm	☐ CABPT-R1	One front cab roof pass-through on passenger side
■ GLAS-TIN	Tinted windows	■ CABPT-R2	Two front cab roof pass-throughs, one on each side
☐ SWIND-BS	Rear side window on both sides	☐ SPOTP-F	Preparation kit for spot lamp in cab front, max 280 W
☐ SWIND-PS	Rear side window on passenger side	☐ SPOTP-R	Preparation kit for spot lamp in cab roof, max 280 W
☐ AWIND-RF	Fixed window in back of cab (without curtains)	☐ SPOTP-RF	Preparation kit for spot lamp in cab roof and front, max 280 W
☐ VANMIR	Vanity mirror in front shelf lid	☐ ROS-IL	Roof sign illumination
☐ AS-FUS	One extra shelf in each of the two front upper storage compartments	☐ ROS-IL2	Preparation kit for installation of roof sign illumination
☐ INFOT-PK	Preparation kit (bracket, security straps, and antenna cable) for mounting of TV above driver door	☐ ROS-ILP	Wiring kit for roof sign illumination
Cab exterior		☐ CSGN-FMX	FMX decal in the roof sign box
■ EXTL-BAS	Exterior trim level basic	■ HORN-F1S	Single-tone Jericho horn behind grille, operated by steering wheel buttons
■ DGLAS-H	Tempered door window glass	☐ HORN-R2S	Two chromed single-tone air horns on the roof, operated by steering wheel buttons
☐ DGLAS-L	Laminated window glass in doors. The glass can crack, but retains its protective effect. It also provides better sound insulation.	☐ ANT-CBR	Preparation kit for communication/CB radio: roof-mounted single antenna and wiring
■ BUMP-HD	Heavy-duty front bumper	☐ ACCBP-AP	Accessory brackets mounted on front roof, midroof and rear roof
☐ AUXFS	Extra footstep in cab side	☐ ACCBP-F	Accessory bracket mounted on front roof
☐ GUARD-EH	Guard plate for cooling pipes and oil sump	☐ ACCBP-FM	Accessory brackets mounted on front roof and midroof
☐ SIDEH-B	Guide rail on day cab, driver's side	☐ ACCBP-FR	Accessory brackets mounted on front and rear roof
☐ SIDSTP-R	Side ladder and guide rail on day cab, driver's side	☐ ACCBP-M	Accessory bracket mounted on midroof
■ BUGNET	Insect screen (PVC-coated fibreglass) in front of radiator	☐ ACCBP-R	Accessory brackets mounted on mid-roof and rear roof
☐ CTILTP-E	Electric cab tilt pump	☐ ACCBP-RM	Accessory bracket mounted on rear roof
■ CTILTP-M	Manual cab tilt pump	☐ REFS-TW	Reflecting white cab side stripes by-packed in cab
☐ FCABS-A	Air front cab suspension	☐ REFS-TY	Reflecting yellow cab side stripes by-packed in cab
■ FCABS-M	Mechanical front cab suspension	Superstructure preparations	
☐ RCABS-A	Air rear cab suspension	☐ SRWL-PK	Preparation kit for LED reverse/work lamps at rear chassis, 3-pos switch (On/Off/Reverse auto On)
■ RCABS-M	Mechanical rear cab suspension	☐ SWL-2FW	2 white LED work lamps at front of chassis, and a 2-position switch (On/Off)
☐ MIRFCFPCX	Rear-view and wide-angle mirrors (both sides), passenger corner camera (FMX)	☐ SWL-2RW	2 white LED work lamps, rearward-facing on rear chassis (LH/RH side)
☐ MIRCMCP	Camera Monitor System and passenger corner camera	☐ SWL-4W	4 white LED work lamps on chassis (2 front, 2 rear) and a flexible switch (On/Off)
☐ MIRCMS	Camera Monitor System	☐ SWL-PK	Preparation kit for LED work lamps on chassis, with a 2-pos switch (On/Off)
■ MIRCOMFX	Robust rear-view and wide-angle mirrors (both sides), kerb observation mirror	☐ WL-CHPK	Preparation kit for work lamp (switch with cable to frame, by gearbox)
■ AMIR-F20	Front close-view mirror above windscreen, passenger side (radius 200 mm)	☐ WLC-H2A	
☐ SUNV-H	Exterior front sun visor, transparent dark-grey	☐ WLC-H2W	2 white LED work lamps, high-mounted on back of cab (switch included)
☐ AD-ROOF	Roof air deflector	☐ WLC-PCKH	Preparation kit (cables and switch) for work lamp inside or outside superstructure
☐ AD-SIDES	Cab side air deflectors, short	☐ WLC-PKH	Preparation kit (cables and switch) for high-mounted work lamps on back of cab
■ HL-LED	LED headlamps	☐ WLC-PKL	Preparation kit (cables and switch) for low-mounted work lamps on back of cab
☐ HL-LED3	LED headlamps with adaptive high beam	☐ 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

■ Standard Equipment

□ Optional Equipment

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- **BBCHAS1** One 7-pole bodywork connector on chassis
- **BBCHAS3** Three 7-pole bodywork connectors on chassis
- **BEPR-T2** Bodywork electrical and software preparation for tipper with remote control
- **EXSTER** Support for external steering control via body builder module
- **TD-LED** TD-LED detects trailers that have either bulb lights or LED lights. Continuous monitoring of the trailer connection status allows optimization of gear shifting and systems like Electronic Stability Program (ESP). Full diagnostics are available for bulb lights, while for LED lights the system cannot identify an "open circuit".
- **FRFS-BS** Frame rail free space on both sides to give space for crane legs or other equipment
- **FBA-BTF** Front body attachment brackets, lower, for flexible body
- **FBA-BTSF** Front body attachment brackets, lower, for semi-flexible body
- **HBA-FSFB** Holes for body attachments, flexible/semi-flexible body
- **HBA-SB** Holes for body attachments, stiff body
- **RBA-T2** Rear body attachment brackets, lower
- **CRANEPK1** Frame-mounted crane interface plates, up to 10 tonne-metres
- **CRANEPK2** Frame-mounted crane interface plates, up to 20 tonne-metres
- **CRANEPK4** Frame-mounted crane interface plates, up to 40 tonne-metres
- **AUXL-SPK** Preparation kit (wiring and a switch in dashboard) for snow plough lamps
- **TAILPRE2** Tail lift preparation kit, wireless remote operation
- **TAILPREP** Tail lift preparation kit
- **AESW2** 2 bistable bodywork switches (marked AUX1/AUX2)
- **AESW2PK** 2 bistable bodywork switches (marked AUX1/AUX2) + prepared for 4 bistable switches (dummy switches)
- **AUXSW-4** Hardwiring for 4 extra switches (from body builder electrical centre to instrument panel)

Services

- **TGW-4GWL** Telematics gateway with 4G modem and WLAN
- **FMS-PK** Fleet management system 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
- **TSRS** Road sign recognition