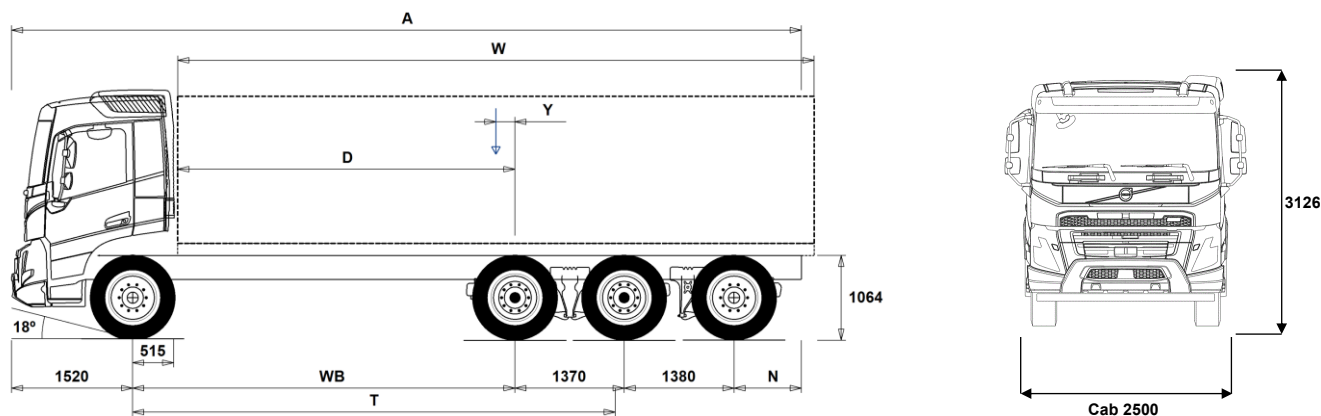


MODEL RANGE

FMX D13 84 Rigid Tag Tridem Diesel Rear Air FMX 84R T3A



Chassis Dimensions [mm]

WB Wheelbase	3200	3400	3700	4100	4300	4600	4900	5200
A Overall Chassis Length	9215	9515	9915	10615	10765	11015	11365	11515
D Center of rear axle to front of body	2635	2835	3135	3535	3735	4035	4335	4635
N Rear Overhang (Min.)	845	845	845	845	845	845	845	845
N Rear Overhang (Max.)	1745	1845	1945	2245	2195	2145	2195	2045
T Theoretical Wheelbase	4459	4659	4959	5359	5559	5859	6159	6459
Y Center of Gravity for Payload (Min.)	-699	-677	-642	-595	-575	-544	-509	-478
Y Center of Gravity for Payload (Max.)	-699	-677	-642	-595	-575	-544	-509	-478
W Body Length (Min.)	6671	7027	7556	8263	8622	8942	9206	9467
W Body Length (Max.)	6671	7027	7556	8263	8622	8942	9206	9467

Chassis Weights [kg]

Front Axle	4810	4830	4845	4865	4890	4920	4930	4950
Rear Bogie	4705	4720	4735	4770	4770	4780	4795	4785
Kerb Weight	9515	9550	9580	9635	9660	9700	9725	9735
Payload (including body, driver, fuel, etc.)	25485	25450	25420	25365	25340	25300	25275	25265

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	13900	14500	15500	16700	17300	18200	19100	20000
Turning Circle Diameter Wall to Wall	15400	16000	16900	18200	18800	19700	20600	21500

Plated Weights [kg]

	Design
Gross Vehicle Weight	35000
Gross Combination Weight	44000
Front Axle	8000
Rear Bogie	27000

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

Trailing/Pusher 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. Tag axle used: TA-HYDRS.

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 FMX84RT3A.

MODEL RANGE

FMX D13 84 Rigid Tag Tridem Diesel Rear Air FMX 84R T3A

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
- **TA-HYSB2** Electro-hydraulically steered single-wheel tag axle with steering lockout at 38 km/h
- **RADDT-GR** Rear air suspension - three axles, two driving, one tag
- **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
- **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** Rear single reduction tandem axle - bogie load 23 tonnes, GCW 70 tonnes
- **PTO-HT16** High-torque power take-off 1600 Nm (free-text CA needed)
- **PTO-HT20** High-torque power take-off 2000 Nm (free-text CA needed)

Packages

- **FP-D13** Fuel economy package for Euro 6 D13 engine
- **INFOBASE** Information package, basic (without side display)
- **INFOHIGH** Information package, high (with side display)
- **OFFROADD** Construction package for FM/FMX day cab
- **OFFROADS** Construction package for sleeper cab
- **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
- **FAL8.0** Front axle load 8.0 tonnes
- **FAL8.5** Front axle load 8.5 tonnes
- **FAL9.0** Front axle load 9.0 tonnes
- **FALIM** Front axle load limiter
- **FSTAB** Front anti-roll bar, normal stiffness
- **FSTAB2** Front anti-roll bar, high stiffness
- **FSTAB3** Front anti-roll bar, extra-high stiffness
- **RAL27** Rear axles load 27 tonnes
- **RAL33** Rear axles load 33 tonnes
- **RAL36** Rear axles load 36 tonnes
- **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-DUAL** Dual power steering system
- **PSS-SING** Single power steering system
- **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
- **SUSPL-EC** Remote control for air suspension levelling
- **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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MODEL RANGE

FMX D13 84 Rigid Tag Tridem Diesel Rear Air FMX 84R T3A

□ FIL-EEEB Frame inner liner from end of engine to end of bogie □ FIL-EEEF Frame inner liner from end of engine to end of frame ■ FIL-FBEB Frame inner liner from front of bogie to end of bogie □ FIL-TXEB Frame inner liner from transmission cross member to end of bogie □ FIL-TXEF Frame inner liner from transmission cross member to end of frame ■ BBOX-L Battery box on left-hand side □ 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 Max volume 650l ■ UL-FUEL Without left side fuel tank Min volume 160l Max volume 330l □ ADTP-L AdBlue tank on left hand side ■ ADTP-R AdBlue tank on right hand side □ ADB048 AdBlue tank: usable volume 48 litres, 560 mm high, mounted on chassis side ■ ADB064 AdBlue tank: usable volume 64 litres, 710 mm high, mounted on chassis side □ ADB068 AdBlue tank: usable volume 68 litres, 560 mm high, mounted on chassis side □ ADB083 AdBlue tank: usable volume 83 litres, 560 mm high, mounted on chassis side □ ADB090 AdBlue tank: usable volume 90 litres, 710 mm high, mounted on chassis side □ ADB100 AdBlue tank: usable volume 100 litres, 710 mm high, mounted on chassis side □ ADB112 AdBlue tank: usable volume 112 litres, 710 mm high, mounted on chassis side □ ADTC-BF AdBlue tank cover, silver metallic ■ 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 □ ESV-VERT Vertical silencer, vertical exhaust outlet on right-hand side □ EXST-SSP Vertical exhaust top pipe, bright polished stainless steel □ EXST-ST Vertical exhaust top pipe, aluminised steel □ 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 ■ TOWF-HD1 One heavy-duty front towing device □ 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-S Straight-cut rear frame end □ RFEC-U Upper corner cut on rear frame end (for e.g. tipper, refuse and hook lift applications) □ C-RI4040 Coupling Ringfeder 4040A G-150 □ C-RI4045 Coupling Ringfeder 4045A G-150 □ C-RI5050 Coupling Ringfeder 5050A G-150 □ C-RO50 Coupling Rockinger 50 mm □ C-VBG520 Coupling VBG 5200D □ C-VBG795 Coupling VBG 795V □ TOWR-ONE Brace that can be used for towing in specific situations. The brace is mounted on the end cross member, and if the end cross member is thinner than 8 mm, it will be reinforced. The brace includes a lockable pin and is dimensioned for a 3-tonne centre-axle trailer or a 10-tonne articulated drawbar trailer. It may only be used for short-distance, on-site transport in confined areas and at speeds of a maximum of 30 km/h. □ TREL-PK Trailer electrical preparation kit (chassis/cab wiring) □ TREL14 14-pin trailer connection □ TREL15 15-pin trailer connection (ADR certified) □ TREL7 7-pin trailer connection (ISO 24N) □ TREL7-7 2x7-pin trailer connection (ISO 24N+24S, non-ADR) □ TBC-EC Trailer brake connection, European Community □ TRBR-HCR Reduced-pressure, hand-controlled trailer brake check (4 bar) □ TRBR-STA Stationary trailer brake check □ TRB-STRE Stretch brake, trailer brake activation at low speeds to avoid jack-knifing and improve stability □ RUP-FOSL Foldable and slidable aluminium rear underrun protection, not UN/ECE R58.03 compliant □ RFEND-B Rear 3-piece mudguards (anti-spray) on all rear axles □ RFH-BAS Basic mudguard installation height on 2nd front axle and rear axles □ RFH-HIG High mudguard installation height on 2nd front axle and rear axles □ RFH-LOW Low mudguard installation height on 2nd front axle and rear axles □ AUXATNK Extra air tank for air suspension □ ATANK-AL Aluminium air tanks ■ ATANK-ST Steel air tanks □ TL-LED LED tail lamps (tail light, exterior marker light, brake light, hazard warning light, reverse light, rear fog light, licence plate light and reflector) ■ BLIGHT-E Flashing brake lights will automatically activate in emergency braking. The flashing frequency is 4 Hz and emergency braking is detected if speed exceeds 50 km/h and retardation is 4 m/s² or more. The function deactivates when retardation is less than 2.5 m/s².
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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

■ Standard Equipment □ Optional Equipment

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MODEL RANGE

FMX D13 84 Rigid Tag Tridem Diesel Rear Air FMX 84R T3A

□ 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	□ AF-E	Electrically heated fuel filter
■ CRUIS-E	I-Cruise cruise control, I-Roll included	■ AF-R	Hot fuel recirculation heated fuel filter
□ CRUIS-E5	I-Torque cruise control, optimized for fuel economy, I-Roll included	■ FUEFE2LW	Large engine-mounted dual fuel filter with water separator and drain
■ AMSO-AUT	I-Shift manual gear shifting available in automatic mode, including kick-down function	□ FUEFE2SW	Small engine-mounted dual fuel filter with water separator and drain (for good fuel quality)
□ AVO-ENH	I-Shift with enhanced software for construction and off-road applications	■ EST-AID	Engine intake air heater
□ APF-ENH	I-Shift with enhanced PTO functions (Auto neutral for p. brake/Reverse inhibit/Split box connection)	□ 220EBH15	Engine block heater, 220 V, 1.5 kW
□ CD43-O	Dual-plate clutch, plate diameter 430 mm	□ PTER-100	Rear engine, clutch-independent PTO, flange connection, DIN 100/ISO 7646
□ RET-TH	Gearbox-mounted, hydrodynamic oil retarder	□ PTER-DIN	Rear engine, clutch-ind. PTO, splined shaft groove (fem), close-coupled pump DIN 5462/ISO7653
□ TC-HWO	Cooler for hydraulic gearboxes - water/oil	□ HPE-F101	Engine-mounted hydraulic pump F1-101, fixed displacement, single flow
□ TC-MAOH2	Extra high performance cooler for manual/I-shift gearboxes - air/oil	□ HPE-F41	Engine-mounted hydraulic pump F1-41, fixed displacement, single flow
□ TC-MWO	Basic performance cooler for manual/I-Shift gearboxes - water/oil	□ 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
		□ 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

■ Standard Equipment

□ Optional Equipment

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- **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-F81** Gearbox-mounted hydraulic pump F1-81, fixed displacement, single flow

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-AMI** Regeneration control for DPF, initiation: automatic or manual, inhibition: manual
- **DRC-AUTO** Regeneration control for DPF, fully automatic (in motion)
- **1DAYB** One-day analogue tachograph, basic
- **TAC-PK2** Preparation kit for tachograph
- **ARSL** Additional road speed limiter control (switch in dashboard)
- **ACCLF-D** Volvo torque assist - Disabled
- **ACCLF-E** Volvo torque assist - Enabled
- **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
- **LCS2** Side Collision Avoidance Support, passenger side collision warning (sound and visual information), passenger side
- **LCS4** Side Collision Avoidance Support, side collision warning, both sides
- **DAS-W** Driver Alert Support
- **RENS-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
- **CU-MCC** Manual climate control (heater/cooler function)
- **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-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
- **LOADIND** Load indicator, shown in instrument display and side display
- **REMC-MF** Wireless remote control, multi-functional
- **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.
- **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-FRS** Storage at front of engine tunnel and immersed in RH side of tunnel
- **ETSB-FS** Storage at back of engine tunnel, at back against rear cab wall and immersed in RH side of tunnel
- **ETSB-S** Storage immersed in RH side of engine tunnel
- **RUS-BAS** Storage in rear upper cab, 154 litres (300 mm high)
- **RUS-HIG** Storage in rear upper cab, 245 litres (440 mm high)
- **REF-ICPK** Preparation kit for refrigerator
- **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
- **INLI-BAS** Interior white light with smooth light transition at on/off, no dimming

■ 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 84 Rigid Tag Tridem Diesel Rear Air FMX 84R T3A

□ 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 □ UDRL	Daytime running lamps (LED) Without daytime running lamps (LED)
□ ARL-FLEX	Two (driver and passenger side) LED reading lamps with flexible arms, mounted on sidewalls	□ ASL-RF2	Two LED spot lamps in sign box
□ RH-EE	Roof skylight/emergency exit, tinted glass (not a hatch)	□ IDLAMP-A □ IDLAMP-W	Three amber identification lamps on mid front roof Three white identification lamps on mid front roof
□ RH-ER	Roof hatch, electrically operated, steel, with emergency exit handle	□ IDLMPSW	Switch in cab for identification lamps
□ RH-ETR	Roof hatch, electrically operated, tinted glass, rear opening 50 mm	□ BEACOA2F □ BEACOA2R □ BEACON-P □ BEACONA4	Two amber LED beacons on cab front roof Two amber LED beacons on cab rear roof Preparation kit for roof beacons 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 ■ CABPT-R2	One front cab roof pass-through on passenger side Two front cab roof pass-throughs, one on each side
■ GLAS-TIN	Tinted windows	□ SPOTP-F □ SPOTP-R □ SPOTP-RF	Preparation kit for spot lamp in cab front, max 280 W Preparation kit for spot lamp in cab roof, max 280 W Preparation kit for spot lamp in cab roof and front, max 280 W
□ SWIND-BS □ SWIND-PS	Rear side window on both sides Rear side window on passenger side	□ ROS-IL2	Preparation kit for installation of roof sign illumination
□ AWIND-RF	Fixed window in back of cab (without curtains)	□ CSGN-FMX	FMX decal in the roof sign box
□ VANMIR	Vanity mirror in front shelf lid	■ HORN-F1S	Single-tone Jericho horn behind grille, operated by steering wheel buttons
□ AS-FUS	One extra shelf in each of the two front upper storage compartments	□ ANT-CBR	Preparation kit for communication/CB radio: roof-mounted single antenna and wiring
□ INFOT-PK	Preparation kit (bracket, security straps, and antenna cable) for mounting of TV above driver door	□ ACCBP-AP	Accessory brackets mounted on front roof, midroof and rear roof
Cab exterior		□ ACCBP-F □ ACCBP-FM □ ACCBP-FR □ ACCBP-M □ ACCBP-R □ ACCBP-RM	Accessory bracket mounted on front roof Accessory brackets mounted on front roof and midroof Accessory brackets mounted on front and rear roof Accessory bracket mounted on midroof Accessory brackets mounted on mid-roof and rear roof Accessory bracket mounted on rear roof
■ EXTL-BAS	Exterior trim level basic	Superstructure preparations	
■ DGLAS-H □ DGLAS-L	Tempered door window glass Laminated window glass in doors. The glass can crack, but retains its protective effect. It also provides better sound insulation.	□ SRWL-PK	Preparation kit for LED reverse/work lamps at rear chassis, 3-pos switch (On/Off/Reverse auto On)
■ BUMP-HD	Heavy-duty front bumper	□ SWL-2FW	2 white LED work lamps at front of chassis, and a 2-position switch (On/Off)
□ AUXFS	Extra footstep in cab side	□ SWL-2RW	2 white LED work lamps, rearward-facing on rear chassis (LH/RH side)
□ GUARD-EH	Guard plate for cooling pipes and oil sump	□ SWL-4W	4 white LED work lamps on chassis (2 front, 2 rear) and a flexible switch (On/Off)
□ SIDEH-B □ SIDSTP-R	Guide rail on day cab, driver's side Side ladder and guide rail on day cab, driver's side	□ SWL-PK	Preparation kit for LED work lamps on chassis, with a 2-pos switch (On/Off)
■ BUGNET	Insect screen (PVC-coated fibreglass) in front of radiator	□ WL-CHPK	Preparation kit for work lamp (switch with cable to frame, by gearbox)
□ CTILT-P-E ■ CTILT-P-M	Electric cab tilt pump Manual cab tilt pump	□ WLC-H2A □ WLC-H2W	2 white LED work lamps, high-mounted on back of cab (switch included)
□ FCABS-A ■ FCABS-M	Air front cab suspension Mechanical front cab suspension	□ WLC-PKCH	Preparation kit (cables and switch) for work lamp inside or outside superstructure
□ RCABS-A ■ RCABS-M	Air rear cab suspension Mechanical rear cab suspension	□ WLC-PKH	Preparation kit (cables and switch) for high-mounted work lamps on back of cab
□ MIRCFCPX	Rear-view and wide-angle mirrors (both sides), passenger corner camera (FMX)	□ WLC-PKL	Preparation kit (cables and switch) for low-mounted work lamps on back of cab
□ MIRCMCP □ MIRCMS ■ MIRCOMFX	Camera Monitor System and passenger corner camera Camera Monitor System Robust rear-view and wide-angle mirrors (both sides), kerb observation mirror	□ WLC-PKLH	Preparation kit (cables and switch) for low- and high-mounted work lamps on back of cab
■ AMIR-F20	Front close-view mirror above windscreen, passenger side (radius 200 mm)	□ ECBB-BAS	Body builder electrical centre, prepared for body builder module
□ SUNV-H	Exterior front sun visor, transparent dark-grey	□ ECBB-HIG	Body builder electrical centre, body builder module with 14 high and 4 low digital outlets
□ AD-ROOF	Roof air deflector	■ ECBB-MED	Body builder electrical centre, body builder module with 7 high and 4 low digital outlets
□ AD-SIDES	Cab side air deflectors, short	□ BBCHAS1 □ BBCHAS3	One 7-pole bodywork connector on chassis Three 7-pole bodywork connectors on chassis
□ HL-BASIC ■ HL-LED □ HL-LED3	Halogen H7 headlamps LED headlamps LED headlamps with adaptive high beam	□ BEPR-T2	Bodywork electrical and software preparation for tipper with remote control
□ HBDA-A	Automatic main beam deactivation and reactivation		
■ HL-CLEAN	High-pressure headlamp cleaner		
□ HLP-ST □ HLP-ST2	Steel headlamp protectors (steel and plastic for FMX) Steel and plastic headlamp protectors with steel grating for extra rough applications		

■ Standard Equipment

□ Optional Equipment

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MODEL RANGE

FMX D13 84 Rigid Tag Tridem Diesel Rear Air FMX 84R T3A

- **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)