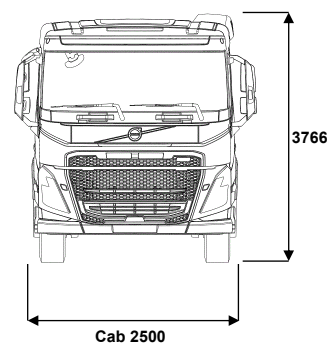
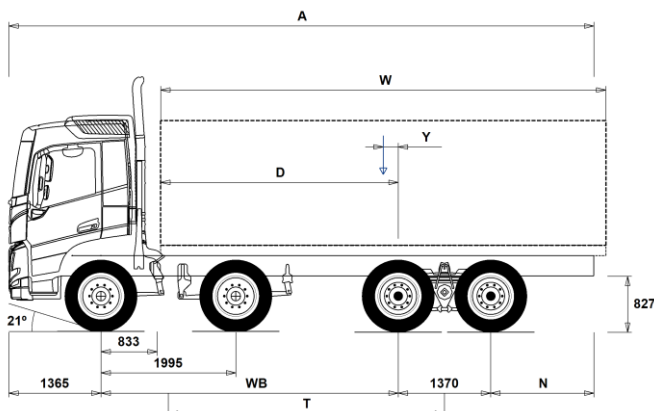


MODEL RANGE

FM D13 84 Rigid Dual Front Axles Diesel Rear Leaf FM 84RF 3L



Chassis Dimensions [mm]

WB Wheelbase	4300	4350	4600	4900	5100	5600	6400
A Overall Chassis Length	9410	9510	9860	10310	10660	11410	11610
D Center of rear axle to front of body	3417	3467	3717	4017	4217	4717	5517
N Rear Overhang (Min.)	825	825	825	825	715	715	1225
N Rear Overhang (Max.)	2375	2425	2525	2675	2825	3075	2475
T Theoretical Wheelbase	3988	4038	4288	4588	4788	5288	6088
Y Center of Gravity for Payload (Min.)	450	465	540	631	691	842	1128
Y Center of Gravity for Payload (Max.)	450	465	540	631	691	842	1128
W Body Length (Min.)	5934	6003	6354	6772	7051	7749	8777
W Body Length (Max.)	5934	6003	6354	6772	7051	7749	8777

Chassis Weights [kg]

Front Axles	6805	6800	6795	6765	6760	6740	6400
Rear Bogie	2895	2910	2985	3050	3110	3205	3380
Kerb Weight	9700	9710	9780	9815	9870	9945	9780
Payload (including body, driver, fuel, etc.)	32300	32290	32220	32185	32130	32055	32220

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	18100	18200	19000	20000	20600	22200	24800
Turning Circle Diameter Wall to Wall	19400	19600	20400	21400	22000	23600	26200

Plated Weights [kg]

Gross Vehicle Weight	42000
Gross Combination Weight	44000
Front Axles	16000
Rear Bogie	26000

Design

42000
44000
16000
26000

Important Notes

Chassis Dimensions

Cab Height: +164 mm for CAB-HSLP, -850 mm for CAB-LDAY, -850 mm for CAB-LSLP, +164 mm for CAB-SLP.
 Front Axle to Back of Cab: +252 mm for CAB-HSLP and CAB-SLP, -387 mm for CAB-LDAY, +107 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 FM84RF3L.

MODEL RANGE

FM D13 84 Rigid Dual Front Axles Diesel Rear Leaf FM 84RF 3L

Transport operation

- **RC-ROUGH** Rough road conditions: frequent driving on poorly maintained surfaced roads, hard-packed sand or gravel, or other surfaces of good or bad quality.
- **RC-VROUG** Very rough road conditions: more than 5% of the driven distance is on extremely poor roads or off-road.
- **TIPP-PRE** Tipper vehicle preparation
- **UNIFORM** Basic platform vehicle

Core components

- **CHH-HIGH** Chassis height high - approx. 1000 mm above ground level
- **CHH-XHIGH** Chassis height extra high - approx. 1030 mm above ground level
- **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)
- **FM-DAY6** FM day cab
- **FM-HSLP6** FM Globetrotter, high sleeper cab
- **FM-LDAY6** FM low day cab
- **FM-LSLP6** FM low sleeper cab
- **FM-SLP6** FM sleeper cab
- **EU3** Euro 3 emission level
- **EU4SCR** Euro 4 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
- **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
- **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
- **EBR-VEB** Volvo Engine Brake, VEB (compression brake with exhaust pressure governor, EPG)
- **EBR-VEB+** Volvo Engine Brake, VEB+ (high efficiency compression brake with exhaust pressure governor, EPG)
- **AT2412** I-Shift automated 12-speed gearbox, 2400 Nm
- **AT2612** I-Shift automated 12-speed gearbox, 2600 Nm
- **AT2812** I-Shift automated 12-speed gearbox, 2800 Nm
- **ATO2612** I-Shift automated 12-speed gearbox with overdrive, 2600 Nm
- **ATO3112** I-Shift automated 12-speed gearbox with overdrive, 3100 Nm
- **PT2606** Powertronic 6-speed powershift gearbox, 2600 Nm
- **ASO-C** One crawler gear
- **ASO-ULC** Two crawler gears, one crawler and one ultra-low crawler
- **RTH2610B** Rear hub reduction tandem axle - bogie load 26 tonnes, GCW 100 tonnes, 4 planet gears
- **RTH2610F** Rear hub reduction tandem axle - bogie load 26 tonnes, GCW 100 tonnes, version F
- **RTH3210F** Rear hub reduction tandem axle - bogie load 32 tonnes, GCW 100 tonnes, version F
- **RTH3212F** Rear hub reduction tandem axle - bogie load 32 tonnes, GCW 120 tonnes, version F
- **RTH3312** Rear hub reduction tandem axle - bogie load 33 tonnes, GCW 120 tonnes
- **RTH3815** Rear hub reduction tandem axle - bogie load 38 tonnes, GCW 150 tonnes
- **RTS2310A** Rear single reduction tandem axles - bogie load 23 tonnes, GCW 100 tonnes
- **RTS2370A** Rear single reduction tandem axle - bogie load 23 tonnes, GCW 70 tonnes

Packages

- Standard Equipment
- Optional Equipment

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

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- **FP-D13** Fuel economy package for Euro 6 D13 engine
- **INFOBASE** Information package, basic (without side display)
- **INFOHIGH** Information package, high (with side display)
- 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)
 - **FAL16.0** Front axle load 16.0 tonnes, double front axles
 - **FAL18.0** Front axle load 18.0 tonnes, double front axles
 - **FAL20.0** Front axle load 20.0 tonnes, double front axles
 - **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
 - **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-MUL** Rear multi-leaf springs
 - **RST-PAR1** Rear parabolic leaf springs
 - **RST-PAR5** Rear parabolic leaf springs
 - **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-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
 - **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
 - **UR-FUEL** Without right side fuel tank
Min volume 315l
Max volume 810l
 - **UL-FUEL** Without left side fuel tank
Min volume 160l
Max volume 450l
 - **ADTP-L** AdBlue tank on left hand side
 - **ADTP-LF** AdBlue tank on left hand side at the front

MODEL RANGE

FM D13 84 Rigid Dual Front Axles Diesel Rear Leaf FM 84RF 3L

■ ADTP-R	AdBlue tank on right hand side	□ FFEND-B	Mudguards on second front axle
□ ADB032	AdBlue tank: usable volume 32 litres, mounted between front axles	□ FFEND-T	Transport-mounted mudguards on second front axle
□ ADB048	AdBlue tank: usable volume 48 litres, 560 mm high, mounted on chassis side	□ RFEND-B	Rear 3-piece mudguards (anti-spray) on all rear axles
□ ADB064	AdBlue tank: usable volume 64 litres, 710 mm high, mounted on chassis side	□ RFEND-T	Transport mudguard
■ FCAP-L	Lockable diesel and AdBlue filler caps	□ RFH-BAS	Basic mudguard installation height on 2nd front axle and rear axles
□ FUFF-AS	Fuel filling anti-spillage device	□ RFH-HIG	High mudguard installation height on 2nd front axle and rear axles
□ FUFF-ATS	Fuel filling anti-theft and anti-spillage device	□ RFH-LOW	Low mudguard installation height on 2nd front axle and rear axles
□ ESH-REAR	Horizontal silencer, rear exhaust outlet	□ ATANK-AL	Aluminium air tanks
□ ESH-RIGH	Horizontal silencer, right exhaust outlet	■ ATANK-ST	Steel air tanks
■ ESH-VERT	Horizontal silencer, vertical exhaust outlet on right-hand side	□ TL-LED	LED tail lamps (tail light, exterior marker light, brake light, hazard warning light, reverse light, rear fog light, licence plate light and reflector)
□ ESV-VERT	Vertical silencer, vertical exhaust outlet on right-hand side	■ BLIGHT-E	Flashing brake lights will automatically activate in emergency braking. The flashing frequency is 4 Hz and emergency braking is detected if speed exceeds 50 km/h and retardation is 4 m/s ² or more. The function deactivates when retardation is less than 2.5 m/s ² .
□ EXST-SSP	Vertical exhaust top pipe, bright polished stainless steel	□ FRACLOS	Frame end closing
■ EXST-ST	Vertical exhaust top pipe, aluminised steel		
□ 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-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		
■ TOWF-NO1	One front towing device		
□ TOWF-NO2	Two front towing devices		
□ 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-RO400G	Coupling Rockinger 400 G-150		
□ C-RO50	Coupling Rockinger 50 mm		
□ C-VBG520	Coupling VBG 5200D		
□ C-VBG795	Coupling VBG 795V		
□ TOWR-ONE	Brace that can be used for towing in specific situations. The brace is mounted on the end cross member, and if the end cross member is thinner than 8 mm, it will be reinforced. The brace includes a lockable pin and is dimensioned for a 3-tonne centre-axle trailer or a 10-tonne articulated drawbar trailer. It may only be used for short-distance, on-site transport in confined areas and at speeds of a maximum of 30 km/h.		
□ TREL-PK	Trailer electrical preparation kit (chassis/cab wiring)		
□ TREL14	14-pin trailer connection		
□ TREL15	15-pin trailer connection (ADR certified)		
□ TREL7	7-pin trailer connection (ISO 24N)		
□ TREL7-7	2x7-pin trailer connection (ISO 24N+24S, non-ADR)		
□ TBC-DUO	Trailer brake connection, Duomatic		
□ TBC-EC	Trailer brake connection, European Community		
□ TRBR-HCF	Full-pressure, hand-controlled trailer brake check (8 bar)		
□ TRBR-HCR	Reduced-pressure, hand-controlled trailer brake check (4 bar)		
□ TRBR-STA	Stationary trailer brake check		
□ TRB-STRE	Stretch brake, trailer brake activation at low speeds to avoid jack-knifing and improve stability		

■ Standard Equipment

□ Optional Equipment

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MODEL RANGE

FM D13 84 Rigid Dual Front Axles Diesel Rear Leaf FM 84RF 3L

- **INFLAHOS** Tyre inflation hose 18 m. The air is supplied by a chassis-mounted pneumatic outlet (must be ordered separately).

- **GAUGE-TP** Tyre pressure gauge

Powertrain equipment

- **TRAP-HD** Reinforced gearbox range housing
- **DRM-BE** I-Shift drive modes Economy, Standard and Performance
- **DRM-E** I-Shift drive mode Economy
- **PVT-BAS** I-See
- **CRUIS-E** I-Cruise cruise control, I-Roll included
- **CRUIS-E5** I-Torque cruise control, optimized for fuel economy, I-Roll included
- **AMSO-AUT** I-Shift manual gear shifting available in automatic mode, including kick-down function
- **AVO-ENH** I-Shift with enhanced software for construction and off-road applications
- **APF-ENH** I-Shift with enhanced PTO functions (Auto neutral for p. brake/Reverse inhibit/Split box connection)
- **RET-TH** Gearbox-mounted, hydrodynamic oil retarder
- **RET-TPT** Gearbox-mounted Powertronic primary retarder
- **TC-HWO** Cooler for hydraulic gearboxes - water/oil
- **TC-MAOH2** Extra high performance cooler for manual/I-shift gearboxes - air/oil
- **TC-MWOH2** High performance cooler for manual/I-Shift gearboxes - water/oil
- **2COM1080** Dual-cylinder air compressor 704 cc, 1080 l/min
- **2COMP870** Dual-cylinder, two-stage air compressor 560 cc, 870 l/min
- **2COMP900** Dual-cylinder air compressor 636 cc, 900 l/min
- **AIRIN-HI** High air inlet
- **AIRIN-LO** Low air inlet
- **ACL1ST-S** Air cleaner with extra filter element
- **24A110BL** Alternator 110 Ampere
- **24A150BL** Alternator 150 Ampere
- **24A180BL** Alternator 180 Ampere
- **24AL110B** Alternator 110 Ampere
- **24AL150B** Alternator 150 Ampere
- **CCV-C** Closed crankcase ventilation
- **CCV-O** Open crankcase ventilation
- **PRIM-EL** Electrical priming pump for removal of air in the fuel system
- **PRIM-MAN** Manual priming pump for removal of air in the fuel system
- **FUEQ-EH** Fuel line electric heater
- **AF-E** Electrically heated fuel filter
- **FUEFE2LW** Large engine-mounted dual fuel filter with water separator and drain
- **FUEFE2SW** Small engine-mounted dual fuel filter with water separator and drain (for good fuel quality)
- **EST-AID** Engine intake air heater
- **220EBH15** Engine block heater, 220 V, 1.5 kW
- **PTER-100** Rear engine, clutch-independent PTO, flange connection, DIN 100/ISO 7646
- **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
- **PTRD-D** Gearbox high-speed PTO, 1 rear + 1 front DIN 5462/ISO 7653 for plug-in pumps, 870 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

Cab Interior, Driving

- **STWPOS-L** Left-hand drive
- **STWPOS-R** Right-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
- **1DAYB** One-day analogue tachograph, basic
- **ARSL** Additional, temporary 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
- **RSENS-W** Wipers rain sensor
- **CU-ECC** Automatic climate control with sun sensor

■ Standard Equipment

□ Optional Equipment

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MODEL RANGE

FM D13 84 Rigid Dual Front Axles Diesel Rear Leaf FM 84RF 3L

☐ CU-ECC2	Automatic climate control with sun sensor, humidity sensor, air quality sensor and carbon filter	☐ MATL-FI	Mattress lower bed firm, pocket springs, recommended for body weight over 100 kg
☒ CU-MCC	Manual climate control (heater/cooler function)	☐ MATL-SF	Mattress lower bed semi-firm, pocket springs, recommended for body weight up to 100 kg
☐ IGT-BUT	Push button ignition	☐ OLMAT-BA	Overlay mattress, 28 mm thick black textile
☐ IMMOBIL	Immobiliser	☐ OLMAT-PR	Overlay mattress Premium, 35 mm thick black textile
☐ ALARM-E	Anti-theft alarm for cab, superstructure and trailer	☐ TBK60F	Fixed top bed 600x1900 mm, foldable up to 52° (depending on cab & upper storage), net included
☐ PHONE-PK		☐ TBK70F	Fixed top bed 700x1900 mm, foldable up to 52° (depending on cab & upper storage), net included
☐ ISUNS-BS	Side interior roller blind on both sides, manually manoeuvred	☐ PH-CAB2	Cab parking heater, 2 kW
☒ ISUNS-DS	Side interior roller blind on driver's side, manually manoeuvred	☐ SLCP-BAS	Basic sleeper control panel (interior light, parking heater, roof hatch, door locks)
☐ ISUNF-B		☐ ETSB-F	Storage at front of engine tunnel
☐ ISUNF-MD		☐ ETSB-FR	Storage at back of engine tunnel and at back, against rear cab wall
☐ ISUNF-RE	Interior roller blind, integrated in front shelf, electrically manoeuvred	☐ ETSB-R	Storage at back of engine tunnel, against rear cab wall
☒ ISUNF-RM	Interior roller blind, integrated in front shelf, manually manoeuvred	☐ RUS-BAS	Storage in rear upper cab, 154 litres (300 mm high)
☐ ADFS	Two extra DIN slots in front shelf, 165x40x180 mm (W x H x D)	☐ RUS-HIG	Storage in rear upper cab, 245 litres (440 mm high)
☐ BUPALARM	Reversing warning	☐ REF-ICPK	Preparation kit for refrigerator
☐ REMC-MF	Wireless remote control, multi-functional	☐ REFR-RUS	Refrigerator 28-litre, with dividers, on rear upper wall
☒ FIREXT3S	Fire extinguisher 3 kg, Swedish/English decal	☐ MICRO-PK	Preparation kit for microwave oven (electrical cables to front shelf)
☐ WARNEST	Reflective vest, fulfils European standard EN 471 class 2	☐ BOTH-D	One bottle holder under dashboard centre section
☒ WARNTRI2	Two warning triangles	☐ COFMA-PK	Preparation kit (24 V) for coffee maker
☒ AIDKIT	First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors.	☒ INLI-BAS	Interior white light with smooth light transition at on/off, no dimming
☐ AIDKIT1B	First aid kit containing sticking plaster, compresses, elastic bandages, gloves, scissors, triangular bandage, bandaging cloths, adhesive tape and rescue sheet (German requirements)	☐ INLI-NL	Interior white and red (night) light with smooth light transition at on/off
☐ AIDKIT1C	First aid kit fulfilling Indian requirements	☐ INLI-NLD	Interior white and red (night) light with smooth light transition at on/off and dimmer
☐ WARNLAMP	Portable amber and white warning lamp with batteries	☐ ARL-FLEX	Two (driver and passenger side) LED reading lamps with flexible arms, mounted on sidewalls
☐ LAMP-IN	Inspection lamp with 10 m cable	☒ RH-EE	Roof skylight/emergency exit, tinted glass (not a hatch)
☐ BULBKIT	Bulb and fuse kit	☐ RH-ER	Roof hatch, electrically operated, steel, with emergency exit handle
☒ WRITEPAD	Writing pad with paper clamp	☐ RH-ETR	Roof hatch, electrically operated, tinted glass, rear opening 50 mm
Cab Interior, Living		☐ RH-MTR	Roof hatch, manually operated, tinted glass, rear opening 50 mm
☒ DST-CF1	Driver's seat Comfort	☐ GLAS-TIN	Tinted windows
☐ DST-CF4	Driver's seat Comfort, belt in seat	☒ GLAS-UNT	Untinted windows
☐ DST-CF5	Driver's seat Comfort, belt in seat, heated, adjustable lumbar&side support, extendable seat cushion	☐ AWIND-RF	Fixed window in back of cab (without curtains)
☐ DST-CF6	Driver's seat Comfort, belt in seat, heated, ventilated	☐ VANMIR	Vanity mirror in front shelf lid
☐ DST-LUX1	Driver's seat Deluxe, belt in seat, heated, ventilated	☐ AS-FUS	One extra shelf in each of the two front upper storage compartments
☐ DST-STD2	Driver's seat Standard, belt in seat	☐ INFOT-PK	Preparation kit (bracket, security straps, and antenna cable) for mounting of TV above driver door
☒ SBD-RED	Red safety belts, passenger and driver seats	Cab exterior	
☐ SBPRE-DS	Driver's seat belt pretensioner	☒ EXTL-BAS	Exterior trim level basic
☒ PST-BAS1	Passenger seat Basic, non-suspended	☒ DGLAS-H	Tempered door window glass
☐ PST-CF4	Passenger seat Comfort, suspended, belt in seat	☐ DGLAS-L	Laminated window glass in doors. The glass can crack, but retains its protective effect. It also provides better sound insulation.
☐ PST-CF5	Passenger seat Comfort, suspended, belt in seat, electrically heated	☐ BUMP-B	Plastic front bumper
☐ PST-STD2	Passenger seat Regular, non-suspended	☒ BUMP-B2	Steel front bumper
☐ PST-STD4	Passenger seat Regular, suspended	☐ BUMP-SP	Front bumper spoiler
☐ SBPRE-PS	Passenger seat belt pretensioner	☒ GUARD-EH	Guard plate for cooling pipes and oil sump
☐ ARMRE-BB	Two armrests on both driver's and passenger seats	☒ BUGNET	Insect screen (PVC-coated fibreglass) in front of radiator
☐ ARMRE-DB	Two armrests on driver's seat	☐ CTILT-P	Electric cab tilt pump
☐ 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		

☒ 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

FM D13 84 Rigid Dual Front Axles Diesel Rear Leaf FM 84RF 3L

■ CTILTP-M Manual cab tilt pump □ FCABS-A Air front cab suspension ■ FCABS-M Mechanical front cab suspension □ RCABS-A Air rear cab suspension ■ RCABS-M Mechanical rear cab suspension □ MIRCFPCS Rear-view and wide-angle mirrors (both sides), passenger corner camera (FM, FH) □ MIRCMCP Camera Monitor System and passenger corner camera □ MIRCMS Camera Monitor System ■ MIRCOMF Rear-view and wide-angle mirrors (both sides), kerb observation mirror ■ AMIR-F20 Front close-view mirror above windscreen, passenger side (radius 200 mm) □ SUNV-H Exterior front sun visor, transparent dark-grey □ AD-ROOF Roof air deflector □ AD-SIDES Cab side air deflectors, short ■ HL-BASIC Halogen H7 headlamps □ HL-LED LED headlamps □ HL-LED3 LED headlamps with adaptive high beam □ HBDA-A Automatic main beam deactivation and reactivation □ HL-CLEAN High-pressure headlamp cleaner □ HLP-ST Steel headlamp protectors (steel and plastic for FMX) □ HL-ADJ Manually adjustable headlamp beam ■ DRL-LED Daytime running lamps (LED) □ UDRL Without daytime running lamps (LED) □ DRIVL2 Extra main beam ■ UDRIVL Without extra main beam □ FOGL-WC White front fog lamps □ CL-STAT Static cornering lights □ ASL-RF2 Two LED spot lamps in sign box □ IDLAMP-A Three amber identification lamps on mid front roof □ IDLAMP-W Three white identification lamps on mid front roof □ IDLMPSW Switch in cab for identification lamps □ BEACOA2F Two amber LED beacons on cab front roof □ BEACOA2R Two amber LED beacons on cab rear roof □ BEACON-P Preparation kit for roof beacons □ CABPT-R1 One front cab roof pass-through on passenger side ■ CABPT-R2 Two front cab roof pass-throughs, one on each side □ SPOTP-F Preparation kit for spot lamp in cab front, max 280 W □ SPOTP-R Preparation kit for spot lamp in cab roof, max 280 W □ SPOTP-RF Preparation kit for spot lamp in cab roof and front, max 280 W □ ROS-IL Roof sign illumination □ ROS-IL2 Preparation kit for installation of roof sign illumination □ ROS-ILP Wiring kit for roof sign illumination □ CSGN-GTR Globetrotter decal in the roof sign box □ HORN-F1S Single-tone Jericho horn behind grille, operated by steering wheel buttons □ HORN-R2S Two chromed single-tone air horns on the roof, operated by steering wheel buttons □ ANT-CBR Preparation kit for communication/CB radio: roof-mounted single antenna and wiring □ ACCB-R-AP Accessory brackets mounted on front roof, midroof and rear roof □ ACCB-R-F Accessory bracket mounted on front roof □ ACCB-R-FM Accessory brackets mounted on front roof and midroof □ ACCB-R-FR Accessory brackets mounted on front and rear roof □ ACCB-R-M Accessory bracket mounted on midroof □ ACCB-R-R Accessory brackets mounted on mid-roof and rear roof □ ACCB-R-RM Accessory bracket mounted on rear roof	Superstructure preparations □ SRWL-2RW 2 white LED reverse/work lamps, rear-facing on rear chassis, 3-pos switch (On/Off/Reverse auto On) □ SRWL-PK Preparation kit for LED reverse/work lamps at rear chassis, 3-pos switch (On/Off/Reverse auto On) □ SWL-2FW 2 white LED work lamps at front of chassis, and a 2-position switch (On/Off) □ SWL-2RW 2 white LED work lamps, rearward-facing on rear chassis (LH/RH side) □ SWL-4W 4 white LED work lamps on chassis (2 front, 2 rear) and a flexible switch (On/Off) □ SWL-PK Preparation kit for LED work lamps on chassis, with a 2-pos switch (On/Off) □ WL-CHPK Preparation kit for work lamp (switch with cable to frame, by gearbox) □ WLC-H2A □ WLC-H2W 2 white LED work lamps, high-mounted on back of cab (switch included) □ WLC-PKCH Preparation kit (cables and switch) for work lamp inside or outside superstructure □ WLC-PKH Preparation kit (cables and switch) for high-mounted work lamps on back of cab □ WLC-PKL Preparation kit (cables and switch) for low-mounted work lamps on back of cab □ WLC-PKLH Preparation kit (cables and switch) for low- and high-mounted work lamps on back of cab □ ECBB-BAS Body builder electrical centre, prepared for body builder module □ ECBB-HIG Body builder electrical centre, body builder module with 14 high and 4 low digital outlets ■ ECBB-MED Body builder electrical centre, body builder module with 7 high and 4 low digital outlets □ BBCHAS1 One 7-pole bodywork connector on chassis □ BBCHAS3 Three 7-pole bodywork connectors on chassis □ BEPR-T2 Bodywork electrical and software preparation for tipper with remote control □ EXSTER Support for external steering control via body builder module □ TD-LED Trailer detection with LED sensor □ 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-BTSP 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 □ TSRS Road sign recognition □ TSRS2 Road sign recognition (not ISA compliant)
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■ Standard Equipment

□ Optional Equipment

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