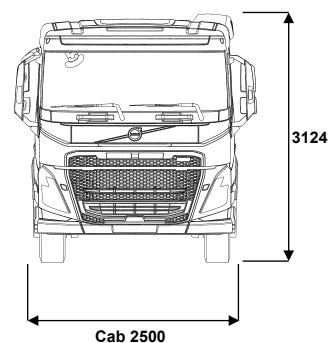
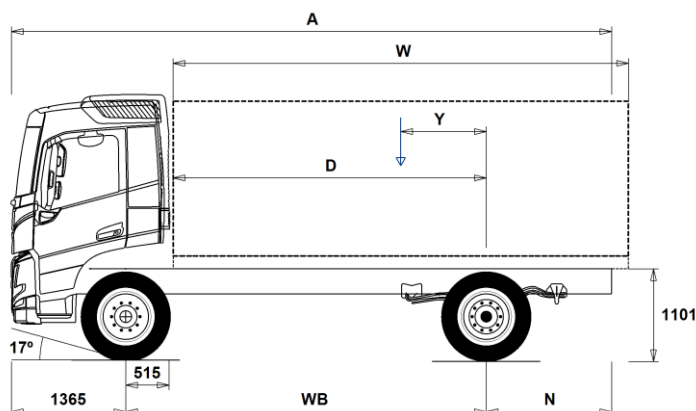


MODEL RANGE

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



Chassis Dimensions [mm]

WB Wheelbase	3400	3700	4000	4300	4600	4900	5200	5600	6000
A Overall Chassis Length	6660	7110	7510	8010	8510	8960	9460	10060	10660
D Center of rear axle to front of body	2835	3135	3435	3735	4035	4335	4635	5035	5435
N Rear Overhang (Min.)	1395	1395	1395	1395	1395	1395	1395	1395	1395
N Rear Overhang (Max.)	1895	2045	2145	2345	2545	2695	2895	3095	3295
Y Center of Gravity for Payload (Min.)	618	676	732	789	847	905	962	1037	1110
Y Center of Gravity for Payload (Max.)	618	676	732	789	847	905	962	1037	1110
W Body Length (Min.)	4436	4919	5408	5893	6377	6861	7348	7997	8651
W Body Length (Max.)	4436	4919	5408	5893	6377	6861	7348	7997	8651

Chassis Weights [kg]

Front Axle	4615	4605	4610	4610	4610	4605	4610	4615	4630
Rear Axle	1785	1825	1860	1905	1950	1980	2025	2060	2110
Kerb Weight	6400	6430	6470	6515	6560	6585	6635	6675	6740
Payload (including body, driver, fuel, etc.)	13700	13670	13630	13585	13540	13515	13465	13425	13360

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	12400	13400	14300	15200	16100	17000	17900	19200	20400
Turning Circle Diameter Wall to Wall	13800	14800	15700	16600	17500	18400	19400	20600	21800

Plated Weights [kg]

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

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.
 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 FM42R3L.

MODEL RANGE

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

Transport operation

- **RC-ROUGH** Rough road conditions: frequent driving on poorly maintained surfaced roads, hard-packed sand or gravel, or other surfaces of good or bad quality.
- **TIPP-PRE** Tipper vehicle preparation
- **UNIFORM** Basic platform vehicle

Core components

- **CDCOPREP** Preparation kit for day cab cut-out (free text CA needed)
- **FM-CREW** FM crew cab (free-text CA needed)
- **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
- **D13C460** Diesel engine, Euro 5, 12.8 litres, 460 hp/338 kW, 2300 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-EPG** Engine brake with exhaust pressure governor
- **EBR-EPGC** Exhaust pressure governor with Volvo compression brake
- **EBR-VEB** Volvo Engine Brake, VEB (compression brake with exhaust pressure governor, EPG)
- **EBR-VEB+** Volvo Engine Brake, VEB+ (high efficiency compression brake with exhaust pressure governor, EPG)
- **AT2412** I-Shift automated 12-speed gearbox, 2400 Nm
- **AT2612** I-Shift automated 12-speed gearbox, 2600 Nm
- **AT2812** I-Shift automated 12-speed gearbox, 2800 Nm
- **ATO2612** I-Shift automated 12-speed gearbox with overdrive, 2600 Nm
- **ATO3112** I-Shift automated 12-speed gearbox with overdrive, 3100 Nm
- **PT2606** Powertronic 6-speed powershift gearbox, 2600 Nm
- **SPO2812** Dual-clutch 12-speed semi-powershift gearbox with overdrive, 2800 Nm
- **ASO-C** One crawler gear
- **ASO-ULC** Two crawler gears, one crawler and one ultra-low crawler
- **RSH1370F** Rear hub reduction solo axle - axle load 13 tonnes, GCW 70 tonnes, version F
- **RSS1344C** Rear single reduction solo axle - axle load 13 tonnes, GCW 44 tonnes, version C
- **RSS1344F** Rear single reduction solo axle - axle load 13 tonnes, GCW 44 tonnes, version F
- **RSS1352B** Rear single reduction solo axle - axle load 13 tonnes, GCW 52 tonnes, version B
- **RSS1370B** Rear single reduction solo axle - axle load 13 tonnes, GCW 70 tonnes, version B
- **RSS1370C** Rear single reduction solo axle - axle load 13 tonnes, GCW 70 tonnes, version C
- **PTO-HT16** High-torque power take-off 1600 Nm (free-text CA needed)
- **PTO-HT20** High-torque power take-off 2000 Nm (free-text CA needed)

Packages

- **FP-D13** Fuel economy package for Euro 6 D13 engine
- **INFOBASE** Information package, basic (without side display)
- **INFOHIGH** Information package, high (with side display)

Chassis

- **FST-PAR** Two-leaf front parabolic springs (normal stiffness)
- **FST-PAR3** Three-leaf front parabolic springs (stiffer than normal)
- **FST-PL1** Two-leaf front parabolic springs, lightweight composite support leaf (normal stiffness)
- **FAL10.0** Front axle load 10.0 tonnes
- **FAL7.1** Front axle load 7.1 tonnes
- **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
- **RAL13** Rear axle load 13 tonnes
- **RSTAB1** Rear anti-roll bar, normal stiffness
- **ACTST-TO** Volvo Dynamic Steering
- **ASFE-BAS** Volvo Dynamic Steering, basic
- **ASFE-PS** Volvo Dynamic Steering with Personal Settings
- **PSP-FIX** Power steering pump with fixed displacement
- **PSP-VAR** Power steering pump with variable displacement
- **PSP-VAR2** Power steering pump with variable displacement (extra valve)
- **EBS-MED** EBS (Electronic Braking System), Medium package
- **EBS-STD** EBS (Electronic Braking System), Standard package
- **AUXPARK** Extra parking brake on one axle
- **RST-PAR1** Rear parabolic leaf springs
- **RST-PAR5** Rear parabolic leaf springs
- **FST7070** Frame thickness - web 7.0 mm / flange 7.0 mm
- **FST8080** Frame thickness - web 8.0 mm / flange 8.0 mm
- **FIL-EEEB** Frame inner liner from end of engine to end of bogie
- **FIL-EEEF** Frame inner liner from end of engine to end of frame
- **FIL-TXEB** Frame inner liner from transmission cross member to end of bogie
- **FIL-TXEF** Frame inner liner from transmission cross member to end of frame
- **BBOX-L** Battery box on left-hand side
- **BATS-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 285l
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
- **ADB083** AdBlue tank: usable volume 83 litres, 560 mm high, mounted on chassis side

■ Standard Equipment

□ Optional Equipment

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- ADB090 AdBlue tank: usable volume 90 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 - ESH-RIGH Horizontal silencer, right exhaust outlet - ESH-VERT Horizontal silencer, vertical exhaust outlet on right-hand side - 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 - WHC-FIX1 One non-collapsible wheel chock - WHC-FIX2 Two non-collapsible wheel chocks - WHC-FOL1 One collapsible wheel chock - WHC-FOL2 Two collapsible wheel chocks - WHCP-F Wheel chock holder in the front part of the vehicle - WHCP-M Wheel chock holder in the middle part of the vehicle - WHCP-R Wheel chock holder in the rear part of the vehicle - WHCP-T Wheel chock holder by-packed in cab outer luggage compartment - TB-L80 Tool box on left-hand side, 205-litre - width 730 mm, height 590, depth 595 mm - TB-R80 Tool box on right-hand side, 205-litre - width 730 mm, height 590, depth 595 mm - SUP-BAS Standard side underrun protection, aluminium - CHAIN-S Snow chains - 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-L Tapered lower rear frame end (for centre axle drawbar) - RFEC-S Straight-cut rear frame end - RFEC-U Upper corner cut on rear frame end (for e.g. tipper, refuse and hook lift applications) - C-RI4040 Coupling Ringfeder 4040A G-150 - C-RI4045 Coupling Ringfeder 4045A G-150 - C-RI5050 Coupling Ringfeder 5050A G-150 - C-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 - RUP-FOLD Foldable and slidable aluminium rear underrun protection, not UN/ECE R58.03 compliant - RUP-FOSL - 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 - 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-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 - 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.	

■ Standard Equipment

□ Optional Equipment

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	- Adjustable spanner. - Hammer.		
☐ INFLAHOS	Tyre inflation hose 18 m. The air is supplied by a chassis-mounted pneumatic outlet (must be ordered separately).	☐ HPE-F51	Engine-mounted hydraulic pump F1-51, fixed displacement, single flow
☐ GAUGE-TP	Tyre pressure gauge	☐ HPE-F61	Engine-mounted hydraulic pump F1-61, fixed displacement, single flow
Powertrain equipment		☐ HPE-F81	Engine-mounted hydraulic pump F1-81, fixed displacement, single flow
☐ TRAP-HD	Reinforced gearbox range housing	☐ HPE-T53	Engine-mounted hydraulic pump F2-53/53, fixed displacement, twin flow
■ DRM-BE	I-Shift drive modes Economy, Standard and Performance	☐ HPE-T70	Engine-mounted hydraulic pump F2-70/35, fixed displacement, twin flow
☐ DRM-E	I-Shift drive mode Economy	☐ HPE-V45	Engine-mounted hydraulic pump VP1-45, variable displacement, single flow
☐ PVT-BAS	I-See	☐ HPE-V75	Engine-mounted hydraulic pump VP1-75, variable displacement, single flow
■ CRUIS-E	I-Cruise cruise control, I-Roll included	☐ PTPT-D	Gearbox PTO, 1 front/upper connection DIN 5462/ISO 7653 for plug-in pump, 850 Nm
☐ CRUIS-E5	I-Torque cruise control, optimized for fuel economy, I-Roll included	☐ PTPT-F	Gearbox PTO, 1 front/upper rear flange connection SAE 1410/ISO 7647 for propshaft, 850 Nm
☐ AMSO-AUT	I-Shift manual gear shifting available in automatic mode, including kick-down function	☐ PTR-D	Gearbox low-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 1000 Nm
☐ AVO-ENH	I-Shift with enhanced software for construction and off-road applications	☐ PTR-DH	Gearbox high-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm
☐ APF-ENH	I-Shift with enhanced PTO functions (Auto neutral for p. brake/Reverse inhibit/Split box connection)	☐ PTR-DM	Gearbox medium-speed PTO, 1 rear connection DIN 5462/ISO 7653 for plug-in pump, 600 Nm
☐ RET-TH	Gearbox-mounted, hydrodynamic oil retarder	☐ PTR-F	Gearbox low-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 1000 Nm
☐ RET-TPT	Gearbox-mounted Powertronic primary retarder	☐ PTR-FH	Gearbox high-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm
☐ TC-HWO	Cooler for hydraulic gearboxes - water/oil	☐ PTR-FL	Gearbox low-speed PTO, 1 rear flange connection SAE 1310/ISO 7647 for propshaft, 600 Nm
☐ TC-MAOH2	Extra high performance cooler for manual/I-shift gearboxes - air/oil	☐ PTRD-D	Gearbox high-speed PTO, 1 rear + 1 front DIN 5462/ISO 7653 for plug-in pumps, 870 Nm
☐ TC-MWO	Basic performance cooler for manual/I-Shift gearboxes - water/oil	☐ PTRD-D1	Gearbox high-speed PTO, 1 rear SAE 1410/ISO 7647, 1 front DIN5462/ISO7653, 870 Nm
☐ TC-MWOH2	High performance cooler for manual/I-Shift gearboxes - water/oil	☐ PTRD-D2	Gearbox PTO, 2 rear hi/lo-speed SAE1310/1410/ISO7647, 1 front hi-speed DIN5462/ISO7653, 870/1000 Nm
☐ 2COM1080	Dual-cylinder air compressor 704 cc, 1080 l/min	☐ PTRD-F	Gearbox high-speed PTO, 1 rear flange connection SAE 1410/ISO 7647 for propshaft, 870 Nm
☐ 2COM1100	Dual-cylinder air compressor 760 cc, 1100 l/min	☐ HPG-F101	Gearbox-mounted hydraulic pump F1-101, fixed displacement, single flow
■ 2COMP870	Dual-cylinder, two-stage air compressor 560 cc, 870 l/min	☐ HPG-F41	Gearbox-mounted hydraulic pump F1-41, fixed displacement, single flow
☐ 2COMP900	Dual-cylinder air compressor 636 cc, 900 l/min	☐ HPG-F51	Gearbox-mounted hydraulic pump F1-51, fixed displacement, single flow
■ AIRIN-HI	High air inlet	☐ HPG-F61	Gearbox-mounted hydraulic pump F1-61, fixed displacement, single flow
☐ AIRIN-LO	Low air inlet	☐ HPG-F81	Gearbox-mounted hydraulic pump F1-81, fixed displacement, single flow
☐ ACL1ST-S	Air cleaner with extra filter element	Cab Interior, Driving	
■ 24A110BL	Alternator 110 Ampere	■ STWPOS-L	Left-hand drive
☐ 24A150BL	Alternator 150 Ampere	☐ STWPOS-R	Right-hand drive
☐ 24A180BL	Alternator 180 Ampere	☐ STWM-LE	Steering wheel material leather
☐ 24AL110B	Alternator 110 Ampere	☐ STGW-AD2	Manually adjustable steering wheel with neck tilt
☐ 24AL150B	Alternator 150 Ampere	■ STGW-ADJ	Manually adjustable steering wheel
☐ CCV-C	Closed crankcase ventilation	☐ AIRBAG	Airbag on driver's side
☐ CCV-O	Open crankcase ventilation	☐ DRC-AMII	Regeneration control for DPF, initiation: automatic or manual, inhibition: manual
☐ PRIM-EL	Electrical priming pump for removal of air in the fuel system	■ DRC-AUTO	Regeneration control for DPF, fully automatic (in motion)
■ PRIM-MAN	Manual priming pump for removal of air in the fuel system	☐ 1DAYB	One-day analogue tachograph, basic
☐ FUEQ-EH	Fuel line electric heater	☐ 1DAYDIG	One-day digital tachograph, EC approved
☐ AF-E	Electrically heated fuel filter	☐ ARSL	Additional, temporary road speed limiter control (switch in dashboard)
■ FUEFE2LW	Large engine-mounted dual fuel filter with water separator and drain	☐ SPEED-DU	Dual speed limiter
☐ FUEFE2SW	Small engine-mounted dual fuel filter with water separator and drain (for good fuel quality)	■ ACCLF-D	Volvo torque assist - Disabled
☐ EST-AID	Engine intake air heater	☐ ACCLF-E	Volvo torque assist - Enabled
☐ 220EBH15	Engine block heater, 220 V, 1.5 kW	■ ESP-BAS1	ESP for tractor combinations with ABS/EBS or rigid vehicles/combinations with std center of gravity
☐ 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		

■ Standard Equipment

☐ Optional Equipment

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MODEL RANGE

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

□ 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 □ LKE-TBO Lane keeping at emergency, tyre blowout □ 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 □ RSSENS-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-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 □ REMC-MF Wireless remote control, multi-functional □ FIREXT3S Fire extinguisher 3 kg, Swedish/English decal □ WARNEVEST 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	□ PST-CF4 □ PST-CF5 □ 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 □ 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-R Storage at back of engine tunnel, against rear cab wall □ 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 □ INLI-NL Interior white and red (night) light with smooth light transition at on/off □ INLI-NLD Interior white and red (night) light with smooth light transition at on/off and dimmer □ ARL-FLEX Two (driver and passenger side) LED reading lamps with flexible arms, mounted on sidewalls ■ RH-EE Roof skylight/emergency exit, tinted glass (not a hatch) □ RH-ER Roof hatch, electrically operated, steel, with emergency exit handle □ RH-ETR Roof hatch, electrically operated, tinted glass, rear opening 50 mm □ RH-MTR Roof hatch, manually operated, tinted glass, rear opening 50 mm ■ GLAS-TIN Tinted windows □ GLAS-UNT Untinted windows □ AWIND-RF Fixed window in back of cab (without curtains) □ VANMIR Vanity mirror in front shelf lid □ AS-FUS One extra shelf in each of the two front upper storage compartments □ INFOT-PK Preparation kit (bracket, security straps, and antenna cable) for mounting of TV above driver door
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■ Standard Equipment

□ Optional Equipment

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

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Cab exterior

- **EXTL-BAS** Exterior trim level basic
- **DGLAS-H** Tempered door window glass
- **DGLAS-L** Laminated window glass in doors. The glass can crack, but retains its protective effect. It also provides better sound insulation.
- **BUMP-B** Plastic front bumper
- **BUMP-B2** Steel front bumper
- **BUMP-SP** Front bumper spoiler
- **GUARD-EH** Guard plate for cooling pipes and oil sump
- **BUGNET** Insect screen (PVC-coated fibreglass) in front of radiator
- **CTILTP-E** Electric cab tilt pump
- **CTILTP-M** Manual cab tilt pump
- **FCABS-A** Air front cab suspension
- **FCABS-M** Mechanical front cab suspension
- **RCABS-A** Air rear cab suspension
- **RCABS-M** Mechanical rear cab suspension
- **MIRCFPCS** Rear-view and wide-angle mirrors (both sides), passenger corner camera (FM, FH)
- **MIRC MCP** 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-MR** Accessory bracket mounted on rear roof
- **REFS-TW** Reflecting white cab side stripes by-packed in cab
- **REFS-TY** Reflecting yellow cab side stripes by-packed in cab

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-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

■ Standard Equipment

□ Optional Equipment

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- **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)