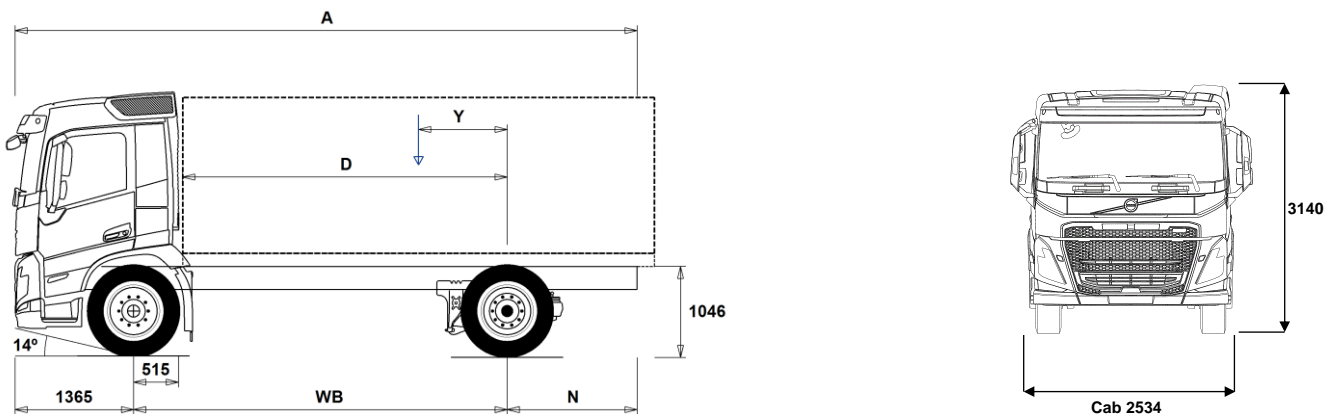


MODEL RANGE

FM 13 4x2 Rigid - Rear Air Suspension FM 42R 3A



Chassis Dimensions [mm]

WB Wheelbase	3400	3700	4000	4300	4600	4900	5200	5600	6000	6300	6500	6700
A Overall Chassis Length	6660	7110	7510	8010	8510	8960	9460	10060	10660	11210	11560	11810
D Center of rear axle to front of body	2835	3135	3435	3735	4035	4335	4635	5035	5435	5735	5935	6135
N Rear Overhang (Min.)	795	795	795	795	795	795	1395	1395	1395	1395	1395	1395
N Rear Overhang (Max.)	1895	2045	2145	2345	2545	2695	2895	3095	3295	3545	3695	3745
Y Center of Gravity for Payload (Min.)	646	703	760	815	872	929	987	1061	1134	1199	1239	1275
Y Center of Gravity for Payload (Max.)	1071	1167	1262	1358	1455	1552	1650	1779	1906	2010	2078	2141

Chassis Weights [kg]

Front Axle	4200	4210	4215	4235	4245	4250	4255	4270	4285	4275	4275	4280
Rear Axle	1805	1825	1845	1890	1930	1955	1980	2020	2060	2080	2100	2110
Kerb Weight	6005	6035	6060	6125	6175	6205	6235	6290	6345	6355	6375	6390
Payload (including body, driver, fuel, etc.)	11995	11965	11940	11875	11825	11795	11765	11710	11655	11645	11625	11610

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	12400	13400	14300	15200	16100	17000	17900	19200	20400	21300	21900	22500
Turning Circle Diameter Wall to Wall	13800	14800	15700	16600	17500	18400	19400	20600	21800	22700	23300	23900

Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	18000	21000
Gross Combination Weight	40000	44000
Front Axle	8000	8000
Rear Axle	11500	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. 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,FRAME266: 0 mm.

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

Chassis weight includes oil, water, AdBlue, 0 litres fuel and without driver. Kerb weight can vary ± 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 FM42R3A.

MODEL RANGE

FM 13 4x2 Rigid - Rear Air Suspension FM 42R 3A

TRUCK USE

- RC-ROUGH** Road conditions - On / off-road
- RC-SMOOTH** Road Conditions - Smooth
- GARB-PRE** Transport Adaption - Refuse preparation
- TIPP-PRE** Transport Adaption - Tipper vehicle preparation
- UNIFORM** Transport Adaption - Basic platform vehicle

CORE COMPONENTS

- CHH-HIGH** Chassis Height - High - for loading heights check the unique BEP chassis drawing attached to this quote
- CHH-LOW** Chassis Height - Low - for loading heights check the unique BEP chassis drawing attached to this quote
- CHH-MED** Chassis Height - Medium - for loading heights check the unique BEP chassis drawing attached to this quote
- RAD-GR** RAD-GR - 4x2 Air - High
- CDCOPREP**
- FM-CREW** Cab - Fire four-door crew for up to 9 people
- FM-DAY5** Cab - Day - with steel safety cage design
Designed and built to Swedish impact and ECE R29 regulations
- FM-HSLP5** Cab - Globetrotter - with steel safety cage design
Designed and built to Swedish impact and ECE R29 regulations
- FM-LDAY5** Cab - Low Day - with steel safety cage design
Designed and built to Swedish impact and ECE R29 regulations
- FM-LSLP5** Cab - Low sleeper - with steel safety cage design
Designed and built to Swedish impact and ECE R29 regulations
- FM-SLP5** Cab - Sleeper with steel safety cage design
Designed and built to Swedish impact and ECE R29 regulations
- EU6HT** Emission level - Euro VI step E
- EU6SCR** Emission level - Euro VI step E
- D13S420A** Engine - New D13K420 12.8 litre developing 420hp at 14-1800rpm.
Peak torque 2100Nm at 860 -1400rpm.
- D13S460A** Engine - New D13K460 12.8 litre developing 460hp at 14-1800rpm.
Peak torque 2300Nm at 900-1400rpm.
- D13S500A** Engine - New D13K500 12.8 litre developing 500hp at 14-1800rpm.
Peak torque 2500Nm at 1000-1400rpm.
- D13K420** D13K420 - 420hp engine
- D13K460** D13K460 - 460hp engine
- D13K500** D13K500 - 500hp engine
- EBR-EPG** Engine Brake Type - Exhaust brake controlled by steering column switch
- EBR-EPGC** Engine Brake Type - Exhaust pressure governor for I shift gearbox
- EBR-VEB+** Engine Brake Type - Volvo engine brake + and exhaust pressure governor, enhanced performance from additional exhaust rocker control. Retardation 375kW
- AT2612** Gearbox - AT2612 12-speed "I-Shift" automated mechanical suitable for gross train weights up to 60 tonne only.
Refer to sales engineering when used in conjunction with a PTO
- ATO2612** Gearbox - ATO2612F 12-speed I-Shift overdrive automated mechanical, suitable for gross train weights up to 100 tonne.
Refer to sales engineering when used in conjunction with a PTO
- PT2606** Gearbox - Powertronic automatic 6-speed, max. engine torque 2600 Nm, max. permitted GCW 130000 kg
- SPO2812** Gearbox - SPO2812 - 12-speed I-shift Dual Clutch automated mechanical GCW 60tonne
- ASO-C** Crawler gear -
Ratio direct top gearbox 19:1
Ratio Overdrive gearbox 17:1
- ASO-ULC** Ultra low crawler and crawler gear -
Ratios direct top gearbox 32:1 and 19:1

Standard Equipment

Optional Equipment

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

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Ratios Overdrive box 32:1 and 17:1

- RSH1370F** Drive Axle - RSH1370F 13-tonne hub reduction with differential lock - design GCW 70 tonne
- RSS1344E** Drive Axle - RSS1344E single reduction with differential lock - design GCW 44 tonne
- RSS1352A** Drive Axle - RSS1352A single reduction 13 tonne with differential lock - design GCW 52 tonne
- RSS1370A** Drive Axle - RSS1370A single reduction 13 tonne with differential lock - design GCW 70 tonne
- RSS1370B** Drive Axle - RSS1370B single reduction 13 tonne with differential lock - design GCW 70 tonne
- PTO-HT16** High torque power take-off up to 1600Nm
- PTO-HT20** High torque power take-off up to 2000Nm

PACKAGES

- FP-D13** Fuel Package
- DRIVE5** Cab Package - Drive
- DRIVE5+** Cab Package - Drive +
- DRIVE5++** Cab Package - Drive ++
- 1LIVINFM** Sleep & Resting Package - Living one-bed
- 2LIVINFM** Sleep & Resting Package - Living two-bed
- INFOBAS** Basic media package without secondary display
- INFODF** Media Information Platform with Dynafleet Support
- INFOMED** Media Information Platform - Medium level
- INFONAV** Media Information Platform with Navigation
- INFONDF** Media Information Platform with Navigation & Volvo Connect "On board" Support
- VISI5+** Visibility+ Package
- SAFE22** Safety package
- SAFE22+** Safety Package +
- CHASPAC** Chassis Package Rigid

CHASSIS

- FST-AIR** Front suspension type - Air
- FST-PAR** Front suspension type - 2 leaf parabolic springs
- FST-PAR3** Front suspension type - 3 leaf parabolic springs
- FSL5-BAS** Front suspension levelling - basic stroke
- FSL5-HI** Front suspension levelling - high stroke for demount operations - check with bodybuilder
- FAL10.0** Front axle design capacity - 10 tonne - check tyre capacity
- FAL7.5** Front axle design capacity - 7.5 tonne
- FAL8.0** Front axle design capacity - 8.0 tonne - check tyre capacity
- FAL8.5** Front axle design capacity - 8.5 tonnes
- FAL9.0** Front axle design capacity - 9.0 tonne - check tyre capacity
- FSM-LUB** Front suspension maintenance - Lubricated rear shackles on pins and bushings
- FSTAB** Front anti-roll bar - Normal stiffness
- FSTAB2** Front anti-roll bar - Medium stiffness
- FSTAB3** Front anti-roll bar - High stiffness
- RAL11.5** Rear axle design capacity - 11.5 tonne
- RAL13** Rear axle design capacity - 13 tonne
- RSTAB3** Rear anti-roll bar - Stiff
- ASF-DL1** Air suspension with 1 driving level
- ASF-DL3** Air suspension with 3 driving levels
- ACTST-TO** Active Steering- Volvo Dynamic Steering - VDS - with extra electronic pump and torque overlay
- ASFE-BAS** Active steering feature - Basic - Volvo Dynamic Steering - VDS - only
- ASFE-OG** Active steering feature - Volvo Dynamic Steering - VDS - with stability assist - oversteer
- ASFE-PO** Active steering feature - Volvo Dynamic Steering - VDS - with personal settings and stability assist
- ASFE-PS** Active steering feature - Volvo Dynamic Steering - VDS - with personal settings
- PSS-SING** Power steering system - Single

MODEL RANGE

FM 13 4x2 Rigid - Rear Air Suspension FM 42R 3A

<ul style="list-style-type: none"> ■ PSP-FIX Power steering pump - Fixed displacement □ PSP-VAR Power steering pump - Variable displacement □ PSP-VAR2 Power steering pump - Variable displacement with electronic control 	<ul style="list-style-type: none"> □ HS-NAR Narrow heat shield □ WHC-FIX1 Wheel chock - One fixed design □ WHC-FIX2 Wheel chocks - Two fixed design □ WHC-FOL1 One foldable wheel chock □ WHC-FOL2 Two foldable wheel chocks
<ul style="list-style-type: none"> ■ EBS-MED Brake package - EBS medium including "hill" hold function ■ AUXPARK Auxiliary parking brake - Additional spring brakes ■ RST-AIR Rear suspension type - Air ■ SUSPL-EC Remote electronic control on wander-lead for air suspension levelling 	<ul style="list-style-type: none"> □ WHCP-F Wheel chock carrier position - In the front part of the vehicle □ WHCP-M Wheel chock carrier position - Middle part of the vehicle □ WHCP-R Wheel chock carrier position - In the rear part of the vehicle □ WHCP-T Wheel chock carrier position - Outer luggage locker □ TB-R80 Toolbox 800 mm, right side
<ul style="list-style-type: none"> ■ FRAME266 Chassis frame section external height - 266 mm □ FRAME300 Chassis frame section external height - 300 mm □ FST6060 Chassis frame thickness - 6 mm web and flange ■ FST7070 Chassis frame thickness - 7 mm web and flange □ FST8080 Chassis frame thickness - 8 mm web and flange □ FIL-EEEB Chassis frame inner liner - From the end of the engine to the end of the bogie □ FIL-EEEF Chassis frame inner liner - From the end of the engine to end of the frame □ FIL-TXEB Chassis frame inner liner - From gearbox member to the end of the bogie □ FIL-TXEF Chassis frame inner liner - From gearbox member to the end of the frame 	<ul style="list-style-type: none"> □ SUP-BAS Side guards - Check with bodybuilder chassis space requirements □ CHAIN-S Snow chains □ HOOK-SC Snow chain hooks ■ TOWF-NO1 Front towing device - One detachable - stored in cab □ TOWF-NO2 Front towing device - Two detachable - stored in cab □ TOWMBRH Towing member, high mounted in centre of frame, D = 190 □ TOWMBRL1 Towing member, low mounted under the frame □ TOWMBRL2 Towing member, low and forward mounted under the frame □ TOWMBRL3 Towing member, low and far forward mounted under the frame □ TOWMBRM Towing member, medium mounted in line with frame lower flange
<ul style="list-style-type: none"> ■ BBOX-L Battery box position - Left hand side □ BATS-D Dual energy battery system - 2 living batteries and 2 starter batteries. ■ BATS-S Single energy battery system (2 batteries) □ 2BAT210B Battery Capacity - 2 x 210 Ah - Gel type ■ 2BAT210C Battery Capacity - 2 x 210 Ah - AGM Absorbent Glass-fibre Material type ■ BATTAMP Battery management - Voltage and current gauge □ BATTIND Battery management - Voltage, current and charge indicators □ ADR2 ADR Adaptation - For transportation of dangerous goods on the road - Note does NOT include safe loading pass package if required this is quoted separately □ MSWI-A Battery master switch - ADR switch circuit shut down ■ MSWI-C Battery master switch - Chassis mounted toggle by the battery box □ MSWI-R Battery master switch - Key fob operated remote controlled ■ R330A71 Right fuel tank - 330litre aluminium diameter 710mm Min volume 255l Max volume 885l ■ UL-FUEL Left fuel tank - Without Min volume 160l Max volume 730l □ ADTP-L AdBlue tank position - Chassis mounted on the left-hand side ■ ADTP-R AdBlue tank position - Chassis mounted on the right-hand side □ ADB048 Plastic AdBlue tank - 48 litre ■ ADB064 Plastic AdBlue tank - 64 litre □ ADB068 Plastic AdBlue tank - 68 litre □ ADB083 Plastic AdBlue tank - 83 litre □ ADB090 Plastic AdBlue tank - 90 litre □ ADB112 Plastic AdBlue tank - 112 litre □ ADTC-BF AdBlue tank cover with satin alloy look decorative cover ■ FCAP-L Diesel and AdBlue filler cap - Locking ■ FUFF-AS Fuel filler - Anti-spill device □ FUFF-ATS Fuel filler - Anti-spill & anti-syphon device □ ESH-LEFT Exhaust - Horizontal silencer - left outlet ■ ESH-REAR Exhaust - Horizontal silencer - rear outlet □ ESH-RIGH Exhaust - Horizontal silencer - right outlet □ ESH-VERT Exhaust - Horizontal silencer - vertical outlet □ EXST-SSP Stainless steel exhaust stack - NOT polished □ EXST-ST Steel exhaust stack 	<ul style="list-style-type: none"> □ RFEC-L Rear frame profile - Lower flange cut for centre axle drawbar ■ RFEC-S Rear frame profile - Straight cut □ RFEC-U Rear frame profile - Slight uppercut for tippers □ C-RI4040 Towing coupling, Ringfeder 4040A □ C-RI5050 Towing coupling, Ringfeder 5050A □ C-RO400G Towing coupling, Rockinger 400 G-150 for 40mm eyes □ C-RO50 Rockinger RO 50 50mm for centre axle trailer □ C-VBG795 VBG 795V-3 coupling (centre axle trailer) □ TOWR-ONE Towing hitch attached to rear crossmember ■ TREL-PK Trailer electrical preparation kit - chassis/cab wiring □ TREL14 Single 14 pole electrical trailer connector □ TREL15 Trailer electrical connection - Single 15 pin - ADR certified □ TREL7 7 pole - 24N trailer electrical suzie □ TREL7-7 Trailer electrical connection - 2 x 7 pin - 24N and 24S □ TBC-DUO Trailer brake connections - Duomatic type □ TBC-EC Trailer brake connections - EC palm coupling connectors □ TRBR-HCF Full pressure hand controlled trailer brake □ TRBR-STA Stationary trailer brake control □ TRB-STRE Stretch Brake - Automatic low speed trailer brake activation to avoid jack-knifing and improve steerability □ RUP-FOLD Rear underrun protection - Aluminium folding EC approved □ RFEND-B Rear mud wings - Three piece EC approved and spray flaps □ RFEND-T Rear mud wings - Temporary on drive axle for transport delivery only □ RFH-BAS Basic rear wing height □ RFH-HIG High rear wing height - higher wing tops □ RFH-LOW Lower rear wing height - shallower wing tops □ ATANK-AL Air tanks - Aluminium ■ ATANK-ST Air tanks - Steel ■ TL-LED Rear lights - LED □ BLIGHT-E Emergency brake light
	<h3>WHEELS & TYRES</h3> <ul style="list-style-type: none"> □ RT-AL Wheels - Alcoa brushed aluminium rims - standard holes for long stud fixing □ RT-ALDP Wheels - Alcoa Dura-Bright aluminium rims - standard holes for long stud fixing □ RT-ALDPD Wheels - Alcoa Dura-Bright EVO aluminium rims - countersunk holes for short stud fixing □ RT-ALDU Wheels - Alcoa brushed aluminium rims - countersunk holes for short stud fixing

■ Standard Equipment □ Optional Equipment

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MODEL RANGE

FM 13 4x2 Rigid - Rear Air Suspension FM 42R 3A

■ RT-STEEL	Wheels - Steel rims	□ PTER-100	Engine power-take-off - Rear-mounted with DIN100/ISO7646 flange
□ WCAP	Aerodynamic hub caps	□ PTER-DIN	Engine power-take-off - Rear-mounted with DIN5462 (female) splined shaft for a close-coupled pump Models with 3 steering axles will use this to drive the steering pump (AUXPSP)
□ SPWT-D	Spare wheel & tyre with rear tyre pattern	□ PTER1400	Engine power-take-off - Rear-mounted with SAE 1410 flange
□ SPWT-F	Spare wheel & tyre with front tyre pattern	□ HPE-F101	Parker F1-101, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
□ SWCP-LF	Spare wheel carrier on left side of chassis ahead of rear axle	□ HPE-F41	Parker F1-41, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
□ SWCP-R	Rear mounted spare wheel carrier	□ HPE-F51	Parker F1-51, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
□ SWCP-T	Spare wheel supplied temporarily strapped to chassis	□ HPE-F61	Parker F1-61, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
□ SWCP-TP	Temporary spare wheel carrier on top of chassis frame	□ HPE-F81	Parker F1-81, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
□ JACK-12T	12 tonne bottle jack	□ HPE-T53	Parker F2-53/53, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump
□ JACK-15T	15 tonne bottle jack	□ HPE-T70	Parker F2-70/35, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump
□ JACK-20T	20 tonne bottle jack	□ HPE-V45	Parker VP1-45, variable displacement, single flow, engine mounted hydraulic pump
■ TOOL-BAS	Toolkit - Basic	□ HPE-V75	Parker VP1-75, variable displacement, single flow, engine mounted hydraulic pump
□ TOOLKIT	Toolkit - Complete	□ PTPT-D	Powertronic PTO, 1 front/upper DIN connection for plug-in pump (max. 850 Nm)
□ INFLAHOS	Tyre inflation hose	□ PTPT-F	Powertronic PTO, 1 front/upper rear facing SAE flange conn. for prop shaft (max.850 Nm)
□ GAUGE-TP	Tyre pressure gauge	□ PTR-D	Gearbox PTO for plug-in pump, 0.71xeng speed
DRIVELINE EQUIPMENT		□ PTR-DH	Gearbox driven high speed PTO for one plug-in hydraulic pump
□ TRAP-HD	Reinforced gearbox application	□ PTR-DM	Gearbox driven medium speed PTO for one plug-in hydraulic pump
■ DRM-BE	Drive Mode - Balanced & Economy	□ PTR-F	Gearbox driven PTO with rear flange connection
□ DRM-E	Drive Mode - Economy	□ PTR-FH	Gearbox driven high speed PTO with SAE drive flange
■ PVT-MAP	I-See Predictive Cruise Control - using map based topography information	□ PTR-FL	Gearbox driven low speed PTO with SAE drive flange
■ CRUIS-E	Cruise control - with I-roll and I-cruise, controls in steering wheel	□ PTRD-D	Gearbox driven HIGH SPEED PTO for two plug-in hydraulic pumps
□ CRUIS-E5	Eco torque software - Improved economy mode. Fuel economy optimized cruise control for I-Save	□ PTRD-D1	PTRD-D1 Gearbox driven HIGH SPEED PTO (1 SAE flange & 1 plug-in hydraulic pump)
□ AMSO-AUT	Enhanced I-shift software with manual shift available in auto mode and kickdown facility on accelerator pedal	□ PTRD-D2	Gearbox driven HIGH SPEED PTO (2 SAE flanges & 1 plug-in hyd pump)
□ AVO-ENH	I-Shift application software - Construction and off road applications	□ PTRD-F	PTO with 1 DIN + 1 flange connection rear, manual gearbox
□ APF-ENH	I-shift enhanced PTO functions	□ HPG-F101	Parker F1-101 gearbox mounted, fixed displacement, single flow, hydraulic pump
□ RET-TH	Gearbox mounted retarder	□ HPG-F41	Parker F1-41 gearbox mounted, fixed displacement, single flow, hydraulic pump
□ RET-TPT	Hydraulic Retarder for Powertronic gearbox	□ HPG-F51	Parker F1-51 gearbox mounted, fixed displacement, single flow, hydraulic pump
□ TC-HWO	Transmission oil cooler - water to oil	□ HPG-F61	Parker F1-61 gearbox mounted, fixed displacement, single flow, hydraulic pump
□ TC-MAOH2	Extra high performance transmission oil cooler - air to oil with front mounted radiator	□ HPG-F81	Parker F1-81 gearbox mounted, fixed displacement, single flow, hydraulic pump
□ TC-MWO	Basic transmission oil cooler - water to oil	■ STWPOS-R	Steering wheel position - RIGHT-HAND DRIVE
□ 1COMP530	Air compressor - One-cylinder 530 litres per minute	□ STWM-LE	Steering wheel - Leather rim
□ 2COM1100	Air compressor - Two-cylinder 1100 litres per minute	□ STGW-AD2	Steering wheel adjustment - Neck tilt, column height and angle
■ 2COMP870	Air compressor - Two-cylinder 870 litres per minute	■ STGW-ADJ	Steering wheel adjustment - Column height and angle
□ 2COMP900	Air compressor - Two-cylinder 900 litres per minute	■ AIRBAG	Driver air bag
□ CLU-AIRC	Clutchable air compressor	□ INST-BAS	Basic level instruments
■ AIRIN-HI	Air intake - Roof-mounted behind cab on the left-hand side	■ DRC-AMII	DPF Regeneration control switch - for manual and switching off regeneration
□ AIRIN-LO	Low level air intake behind cab on left hand side	■ 1DAYDIG2	Tachograph - Continental VDO 4.0
□ ACL1ST-S	Air filter - two-stage element	□ ARSL	Additional road speed limit - switch in dashboard
■ 24A110BL	Alternator capacity - 110 amp	□ SPEED-DU	Dual speed limiter
□ 24A150BL	Alternator capacity - 150 amp	■ ESP-BAS1	Electronic Stability Control ESC
□ 24AL110B	Alternator capacity - 110 amp	□ ESPC-RO	Additional ESC functions - Reduced / Off
□ 24AL150B	Alternator capacity - 150 amp		
□ CCV-C	Closed crankcase engine ventilation		
□ CCV-O	Open crankcase engine breather		
■ CCV-OX	Closed crankcase ventilation for cold markets		
■ PRIM-EL	Electrical priming pump		
□ PRIM-MAN	Manual priming pump		
□ FUEQ-EH	Fuel line electric heater		
□ AF-R	Hot fuel recirculation heated fuel filter		
■ FUEFE2LW	Large engine mounted dual fuel filter with water separator		
□ FUEFE2SW	Small engine mounted dual fuel filter with water separator		
□ EST-AID	Engine starting aid -Preheating element in the air inlet manifold		
□ 220EBH15	220V/1.5Kw electric engine block heater		

■ Standard Equipment

□ Optional Equipment

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FM 13 4x2 Rigid - Rear Air Suspension FM 42R 3A

<input type="checkbox"/> HWSS-ACB	Adaptive cruise control ACC with forward collision warning and AEBS advanced emergency brake system	<input type="checkbox"/> PST-STD4	Passenger seat - Standard suspended with seatbelt mounted on cab "B" post
<input checked="" type="checkbox"/> HWSS-FCB	Forward collision warning with AEBS advanced emergency brake system	<input type="checkbox"/> SBPRE-PS	Passenger seat belt pretensioner
<input checked="" type="checkbox"/> LSS-DW	Lane departure-warning system	<input type="checkbox"/> ARMRE-BB	Armrests - Two on both driver & passenger seats
<input type="checkbox"/> LCS	Lane change support	<input type="checkbox"/> ARMRE-DB	Armrests - Two on the driver seat
<input type="checkbox"/> LCS4	Side Collision Avoidance Support - passenger and driver side	<input type="checkbox"/> ARMRE-PB	Armrests - Two on the passenger seat
<input type="checkbox"/> DAS-W	Driver Alert Support system	<input type="checkbox"/> ARU-BAS	Armrest upholstery - Vinyl
<input type="checkbox"/> RSENS-W	Rain sensing windscreen wipers	<input type="checkbox"/> ARU-LEA	Armrest upholstery - Leather
<input type="checkbox"/> CU-ECC	Cab Climate Unit - Electrically controlled air conditioning with sun sensor	<input checked="" type="checkbox"/> FMAT-RUB	Footwell floor mats - Rubber
<input type="checkbox"/> CU-ECC2	Cab Climate Unit - Electrically controlled air conditioning with a carbon filter, sun, mist, and air quality sensor	<input type="checkbox"/> FMAT-TX2	Footwell floor mats - Two sets, Rubber and textile with an embossed pile supplied in the cab
<input checked="" type="checkbox"/> CU-MCC	Cab Climate Unit - Manual air conditioning	<input type="checkbox"/> LBK70	Lower bunk - Fixed 700 x 2000 mm
<input checked="" type="checkbox"/> IMMOBIL	Thatcham H2 approved immobiliser	<input type="checkbox"/> MATL-FI	Lower mattress - Firm pocket sprung
<input type="checkbox"/> ALARM-E	Vehicle alarm - Cab plus external sensor for body/trailer	<input type="checkbox"/> MATL-SF	Lower mattress - Flexi-zone semi-firm, pocket springs up to 100kg - 16 stone
<input type="checkbox"/> BUPMON	Back up monitor - Digital reverse camera, parameter & lead supplied loose in cab.	<input type="checkbox"/> OLMAT-BA	Mattress overlay protector - 35mm thick
<input type="checkbox"/> PHONE-PK	Telephone preparation kit (antenna, antenna attachm. cable incl.)	<input type="checkbox"/> OLMAT-PR	Mattress overlay protector - Premium 50mm thick
<input type="checkbox"/> ISUNS-BS	Side sun visor - Driver & passenger side	<input type="checkbox"/> TBK60F	Top bunk - Fixed foldable 600 x 1900mm
<input checked="" type="checkbox"/> ISUNS-DS	Side sun visor - Driver-side	<input type="checkbox"/> TBK70F	Top bunk - Fixed foldable 700 x 1900mm
<input type="checkbox"/> ISUNF-B	Interior front sun visor without mirror	<input type="checkbox"/> PH-CAB2	Cab parking heater - 1.8kW Air to air
<input type="checkbox"/> ISUNF-MD	Interior front sun visor with mirror on driver side	<input type="checkbox"/> PH-ENGCA	Cab parking heater - Engine and cab
<input type="checkbox"/> ISUNF-RE	Electrically operated textile interior sun blind	<input type="checkbox"/> PH-SS	Cab parking heater - Short stop
<input checked="" type="checkbox"/> ISUNF-RM	Manually operated textile interior sun blind	<input type="checkbox"/> SLCP-BAS	Sleeper control panel - Basic with switches for interior light, night heater, roof hatch and door lock
<input type="checkbox"/> ADFS	Two extra DIN slots in front shelf - can be fitted with card or drawer available as an accessory	<input type="checkbox"/> ETSB-F	Storage on engine tunnel - Central document box with two rear cup holders
<input checked="" type="checkbox"/> BUPALARM	Reverse alarm	<input type="checkbox"/> ETSB-FR	Storage on engine tunnel - Central document box with two rear cup holders & open storage pocket on cab rear wall
<input type="checkbox"/> RTOLL-PK	Road toll PREPARATION kit for trucks operating with "Toll Collect" in Germany	<input type="checkbox"/> ETSB-R	Storage on engine tunnel - Open storage pocket on cab rear wall
<input type="checkbox"/> LOADIND	Load indicator with central dashboard display	<input type="checkbox"/> RUS-BAS	Rear cab upper storage - 300 mm high
<input type="checkbox"/> REMC-MF	Multi-functio wireless remote control	<input type="checkbox"/> RUS-HIG	Rear cab upper storage - 440 mm high - volume 245 litres
<input type="checkbox"/> FIREXT3S	Fire extinguisher - 3kg mounted on the seat base	<input type="checkbox"/> REF-ICPK	Fridge - Engine tunnel mounted preparation kit
<input type="checkbox"/> WARNVEST	High visibility warning vest - no sleeves	<input type="checkbox"/> REFR-RUS	Fridge - 28 litre rear upper wall mounted with dividers
<input type="checkbox"/> AIDKIT	First aid kit - Legal demand for EU markets including delivery to EU bodybuilder	<input type="checkbox"/> MICRO-PK	Microwave equipment - Wiring preparation kit for oven
<input type="checkbox"/> AIDKIT1B	First aid kit - Legal demand for trucks transiting Germany	<input type="checkbox"/> BOTH-D	Bottle holder - One under dashboard centre section
<input type="checkbox"/> WARNLAMP	Portable warning lamp	<input type="checkbox"/> COFMA-PK	Coffee maker - Preparation kit.
<input type="checkbox"/> LAMP-IN	Inspection lamp	<input checked="" type="checkbox"/> INLI-BAS	Interior light - White LEDs
<input type="checkbox"/> BULBKIT	Bulb and fuse kit	<input type="checkbox"/> INLI-NL	Interior light - White and red nightlight LEDs without dimmer
<input type="checkbox"/> WRITEPAD	Writing pad	<input type="checkbox"/> INLI-NLD	Interior light - White and red nightlight LEDs with dimmer
<input checked="" type="checkbox"/> DST-CF4	Driver seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt	<input type="checkbox"/> ARL-FLEX	Flexible reading lamps - Two "snake" type
<input type="checkbox"/> DST-CF5	Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls with integrated seatbelt	<input checked="" type="checkbox"/> RH-EE	Fixed tinted glass sky window with emergency exit
<input type="checkbox"/> DST-CF6	Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar, heat and ventilation controls with integrated seatbelt	<input type="checkbox"/> RH-ER	Steel roof hatch - Electrically operated, rear opening with emergency exit
<input type="checkbox"/> SBD-RED	Seat belt colour - Red	<input type="checkbox"/> RH-ETR	Tinted glass roof hatch - Electrically operated, rear opening with emergency exit
<input type="checkbox"/> SBPRE-DS	Driver seat belt pretensioner	<input type="checkbox"/> RH-MTR	Tinted glass roof hatch - Manually operated, rear opening with emergency exit
<input checked="" type="checkbox"/> PST-BAS1	Passenger seat - Fixed non suspended fold up with seatbelt mounted on cab "B" post	<input checked="" type="checkbox"/> GLAS-TIN	Cab windows - Tinted
<input type="checkbox"/> PST-CF4	Passenger seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt	<input type="checkbox"/> SWIND-BS	Cab side window - On both sides behind 'B' post
<input type="checkbox"/> PST-CF5	Passenger seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls with integrated seatbelt	<input type="checkbox"/> SWIND-PS	Cab side window - Left side behind 'B' post
<input type="checkbox"/> PST-STD2	Passenger seat - Fixed with backrest adjustment, non suspended with seatbelt mounted on cab "B" post	<input type="checkbox"/> AWIND-RF	Rear window
		<input type="checkbox"/> VANMIR	Vanity mirror - In front shelf
		<input type="checkbox"/> AS-FUS	Extra shelf in front compartments
		<input type="checkbox"/> INFOT-PK	TV mounting preparation kit - Above the driver's door, includes bracket, electrical and speaker connections

CAB EXTERIOR

- EXTL-BA2** Enhanced exterior finish - Satin Volvo badges, instep, bumper, and mirror housing in cab colour. Main grille in thunder grey.

Standard Equipment Optional Equipment

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

For all possible options and combinations of options please consult your Volvo sales contact who can create a specification to match your requirements using the Volvo Sales Support system (VSS).

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MODEL RANGE

FM 13 4x2 Rigid - Rear Air Suspension FM 42R 3A

<ul style="list-style-type: none"> ■ EXTL-BAS Aluminium step inserts. Sunvisor and bumper spoiler in cab colour if specified. Basic exterior finish - Satin Volvo badges, grey grille, instep, bumper, bumper spoiler, grille, door handles mirror housing and sunvisor if specified. ■ DGLAS-H Door glass - Hardened □ DGLAS-L Door glass - Laminated ■ LOCK-CTL Door locks - Central locking with key □ LOCK-REM Door locks - Remote central locking ■ BUMP-B Front bumper - Plastic □ BUMP-B2 Front bumper - Steel □ BUMP-SP Front bumper spoiler □ GUARD-EH Sump and radiator guard - to protect engine and hoses ■ BUGNET Radiator insect screen □ CTILT-P-E Electrically operated hydraulic cab tilt ■ CTILT-P-M Manually operated hydraulic cab tilt □ FCABS-A Front cab suspension - Air ■ FCABS-M Front cab suspension - Mechanical spring □ RCABS-A Rear cab suspension - Air ■ RCABS-M Rear cab suspension - Mechanical spring □ MIRCFCPS Mirrors - Electrically heated and operated main and wide-angle with manually adjusted kerb view mirror on the passenger side and position camera in nearside mirror arm. □ MIRCFCPX Mirrors - Electrically heated and operated - FMX- main and wide-angle with manually adjusted kerb view mirror on the passenger side and position camera in nearside mirror arm. To increase direct vision to the side the main mirrors have no cowlings ■ MIRCOMF Electrically heated and operated main and wide angle mirrors and manually adjusted kerb view mirror on passenger side □ MIRCOMFX Electrically heated and operated -FMX- main and wide-angle mirrors with manually adjusted passenger kerb mirror, to increase direct vision to the side the main mirrors have no cowlings ■ AMIR-F20 Auxiliary front view mirror with a 200mm radius □ SUNV-H External smoke grey sunvisor □ AD-ROOF Cab roof deflector - Adjustable □ AD-SIDES Cab side deflector - Short extension panels ■ HL-BASIC Headlamps - Halogen □ HL-CLEAN Head lamp cleaner - washer jets □ HLP-ST Headlamp protection □ HL-ADJ Headlight adjustment - Switch in cab □ DRIVL2 Two spot lamps ■ UDRIVL Auxiliary driving lights - Without ■ FOGL-WC Front fog lights □ CL-STAT Static corner lights □ ASL-RF2 Two Hella H11 70W spotlamps in Globetrotter sign box □ BEACOA2F Roof beacons - Two front roof mounted amber LED □ BEACOA2R Roof beacons - Two rear roof mounted amber LED □ BEACON-P Roof beacons - switch and wiring preparation only □ BEACONA4 Roof beacons - Four amber LED - two front/ two rear □ CABPT-R1 Single outlet for roof mounted accessories ■ CABPT-R2 Twin outlets for roof mounted accessories. □ SPOTP-F Spotlamp preparation in front, max 280W □ SPOTP-R Spotlamp preparation on roof, max 280W □ SPOTP-RF Spotlamp preparation on cab roof and in cab front, max 2x280W □ ROS-IL2 Preparation kit for illuminated roof sign with switch loose in cab, fit after registration □ CSGN-GTR "Globetrotter" headboard logo 	<ul style="list-style-type: none"> ■ HORN-F1S Horn - Air single tone - chassis mounted □ HORN-R2S Horn - Air - Two roof-mounted □ ANT-CBR Roof mounted antenna for CB radio, single aerial. Only Globetrotter cabs brings in extra DIN slots. □ ACCBR-AP Front, middle & rear roof mounted accessory brackets □ ACCBR-F Front roof mounted accessory bracket □ ACCBR-FM Front & middle roof mounted accessory brackets □ ACCBR-FR Front & rear roof mounted accessory brackets □ ACCBR-M Middle roof mounted accessory bracket □ ACCBR-R Rear roof mounted accessory bracket □ ACCBR-RM Rear & middle roof mounted accessory brackets □ REFS-TW White cab conspicuity markings by packed in cab □ REFS-TY Yellow cab conspicuity markings by packed in cab <p>SUPERSTRUCTURE PREPARATIONS</p> <ul style="list-style-type: none"> □ SRWL-PK Chassis-mounted working lamps - Side work and reverse lamp preparation and 3 position switch - Max load 280W □ SWL-2FW Chassis-mounted working lamps - Two white front-mounted LED lamps □ SWL-2RW Chassis-mounted working lamps - Two white rear-mounted LED lamps □ SWL-4W Chassis-mounted working lamps - Four white front and rear-mounted LED lamps □ SWL-PK Chassis-mounted working lamps - Side work lamp preparation and 2 position switch - Max load 280W □ WLC-H2A Two H3/70W working lamps with amber coloured lens high mounted back of cab □ WLC-H2W Two H3/70W white working lamps high mounted on the back of cab □ WLC-PKCH Working lamp back of cab - Preparation kit - cables and switch □ WLC-PKH Preparation kit, cables and switch for high mounted working lamps back of cab □ WLC-PKL Preparation kit, cables and switch for low mounted working lamps back of cab □ WLC-PKLH Preparation kit - cables and switch for low and high mounted working lamps back of cab. □ ECBB-HIG Body builder electrical centre with body builder module ■ ECBB-MED □ BBCHAS1 One 7-pole connector for Body builder interface □ BBCHAS3 Three 7-pole connectors for Body builder interface □ BEPR-T2 Body builder electrical software preparation for tipper with remote control □ EXSTER External steering control - Volvo dynamic steering and bodybuilder module prepared for external control system, installed and computer by bodybuilder □ TD-BAS Trailer detection WITHOUT LED sensing ■ TD-LED Trailer detection with LED sensing □ FRFS-BS Frame rail free space - both sides to give space for crane legs or other equipment. □ FBA-BTF Lower front body attachments for torsionally flexible - platform body □ FBA-BTSF Lower front body attachments for torsionally semi-flexible body - box or curtainsider □ HBA-FSFB Holes for body attachments - flexible/semi-flexible body □ HBA-SB Holes for body attachments - stiff body □ RBA-T2 Lower rear body attachments for helper frame □ CRANEPK1 Crane plates mounted to frame, for cranes up to 10 tonne metre capacity □ CRANEPK2 Crane plates mounted to frame, for cranes up to 20 tonne metre capacity □ CRANEPK4 Crane plates mounted to frame, for cranes up to 40 tonne metre capacity □ AUXL-SPK Electrical preparation kit - wiring and switch for snow plough lights □ TAILPRE2 Tail lift preparation kit, wireless remote operation □ TAILPREP Taillift preparation kit - cab switch and warning in driver display
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■ Standard Equipment □ Optional Equipment

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- **AESW2** Two Body builder bistable electrical switches (marked AUX1 / AUX2)
- **AESW2PK** 2 Body builder bistable el.switches (marked AUX1/AUX2) and prep. for 4 more switches
- **AUXSW-4** Wiring for 4 extra switches (from Body builder electrical centre to switch positions)

DELIVERY SERVICES

- **TGW-4GWL** Telematics gateway - GSM/GPRS/4G modem, LTE & WLAN
- **FMS-PK** Fleet Management System gateway - required for aftermarket telematics
- **DRUT1** Driver utility app - "My Truck" - 1 year subscription
For mobile phone, tablet, with android and IOS systems.
Only available with Volvo Connect subscription
- **DRUT2** Driver utility app - "My Truck" - 2 year subscription
For mobile phone, tablet, with android and IOS systems.
Only available with Volvo Connect subscription
- **DRUT3** Driver utility app - "My Truck" - 3 year subscription
For mobile phone, tablet, with android and IOS systems.
Only available with Volvo Connect subscription
- **DRUT4** Driver utility app - "My Truck" - 4 year subscription
For mobile phone, tablet, with android and IOS systems.
Only available with Volvo Connect subscription
- **DRUT5** Driver utility app - "My Truck" - 5 year subscription
For mobile phone, tablet, with android and IOS systems.
Only available with Volvo Connect subscription