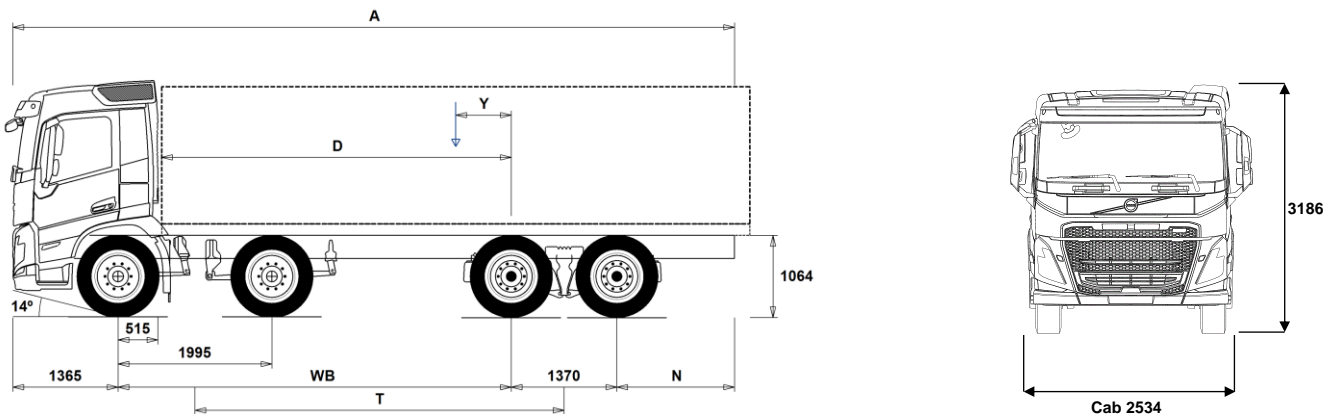


MODEL RANGE

FM 13 8x4 Rigid - Rear Air Suspension - N3 or N3G FM 84RF 3A



Chassis Dimensions [mm]

WB Wheelbase	5100	5600	6000	6400
A Overall Chassis Length	10660	11410	12060	11610
D Center of rear axle to front of body	4535	5035	5435	5835
N Rear Overhang (Min.)	825	1225	1225	1225
N Rear Overhang (Max.)	2825	3075	3325	2475
T Theoretical Wheelbase	4788	5288	5688	6088
Y Center of Gravity for Payload (Min.)	692	847	973	1155
Y Center of Gravity for Payload (Max.)	1326	1550	1731	1957

Chassis Weights [kg]

Front Axles	6490	6460	6440	6115
Rear Bogie	2880	2975	3060	3115
Kerb Weight	9370	9435	9500	9230
Payload (including body, driver, fuel, etc.)	22630	22565	22500	22770

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	20600	22200	23500	24800
Turning Circle Diameter Wall to Wall	22000	23600	24900	26200

Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	32000	37000
Gross Combination Weight	44000	44000
Front Axles	16000	16000
Rear Bogie	19000	21000

Important Notes

Chassis Dimensions

Cab Height: +328 mm for CAB-HSLP, -262 mm for CAB-LDAY, -262 mm for CAB-LSLP, +16 mm for CAB-SLP.
 Front Axle to Back of Cab: +431 mm for CAB-HSLP and CAB-SLP, -69 mm for CAB-LDAY, +425 mm for CAB-LSLP.
 D-measure includes a front clearance of 50 mm and for rigid trucks also a subframe of 100 mm.
 Height can vary ± 20 mm for leaf and ± 10 mm for air suspension.
 All dimensions are for unladen chassis and any tag axles down. Chassis height used: CHH-HIGH.
 Rear overhang used for vehicle weight calculation is the maximum rear overhang (N Max.) for selected wheelbase.
 Height change when chassis height CHH-MED,FRAME300: 0 mm.

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

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 FM84RF3A.

MODEL RANGE

FM 13 8x4 Rigid - Rear Air Suspension - N3 or N3G FM 84RF 3A

TRUCK USE

- RC-ROUGH** Road conditions - On / off-road
- RC-SMOOTH** Road Conditions - Smooth
- **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-MED** Chassis Height - Medium - for loading heights check the unique BEP chassis drawing attached to this quote
- CHH-XHIG** Chassis Height - X-High - for loading heights check the unique BEP chassis drawing attached to this quote
- RADD-G2** Rear air suspension, 2 axles - 2 driven, high ground clearance
- RADD-GR** RADD-GR - 6x4/8x4 Air - High
- **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
Ratios Overdrive box 32:1 and 17:1
- TAAXLIFT** Rear axle lift for double drive bogie

■ Standard Equipment □ Optional Equipment

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

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CONTACT VOLVO SALES ENGINEERING to check lift capability

- RTH2610B** Drive Axles - RTH2610B 26-tonne hub reduction tandem with differential and cross locks* - design GCW 100tonne, 4 planetary gears
* Cross locks replaced by a dog clutch if tandem axle lift is specified.
- RTH2610F** Drive Axles - RTH2610F 26-tonne hub reduction tandem with differential and cross locks* - design GCW 100tonne
* Cross locks replaced by a dog clutch if tandem axle lift is specified.
- RTS2310A** Drive Axles - RTS2310A 23-tonne single reduction tandem with differential and cross locks*- design GCW 100tonne
* Cross locks replaced by a dog clutch if tandem axle lift is specified
- **RTS2370A** Drive Axles - RTS2370A 23-tonne single reduction tandem with differential and cross locks*- design GCW 70tonne
* Cross locks replaced by a dog clutch if tandem axle lift is specified

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
- FSL-BAS** Front suspension levelling - basic stroke
- **FAL16.0** Front axle design capacity - 16 tonnes - 2 x 8 tonne front axles
- FAL18.0** Front axle design capacity - 18 tonnes - 2 x 9 tonne front axles - check tyre load index
- FAL20.0** Front axle design capacity - 20 tonnes - 2 x 10 tonne front axles - check tyre load index
- **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
- **RAL21** Rear bogie design capacity - 21 tonne
- RAL23** Rear bogie design capacity - 23 tonne
- RAL26** Rear bogie design capacity - 26 tonne
- **RSTAB1** Rear anti-roll bar - Normal stiffness
- RSTAB3** Rear anti-roll bar - Stiff
- RALIM105** Rear-axle load limiter - 10.5 tonne - speed controlled
- **RALIM115** Rear-axle load limiter -11.5 tonne - speed controlled
- RALIM13** Rear-axle load limiter - 13 tonne
- RALIM95** Rear-axle load limiter - 9.5 tonne
- **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

MODEL RANGE

FM 13 8x4 Rigid - Rear Air Suspension - N3 or N3G FM 84RF 3A

<input type="checkbox"/> ASFE-BAS	Active steering feature - Basic - Volvo Dynamic Steering - VDS - only	<input type="checkbox"/> ESH-VERT	Exhaust - Horizontal silencer - vertical outlet
<input type="checkbox"/> ASFE-OG	Active steering feature - Volvo Dynamic Steering - VDS - with stability assist - oversteer	<input type="checkbox"/> EXST-SSP	Stainless steel exhaust stack - NOT polished
<input type="checkbox"/> ASFE-PO	Active steering feature - Volvo Dynamic Steering - VDS - with personal settings and stability assist	<input type="checkbox"/> EXST-ST	Steel exhaust stack
<input type="checkbox"/> ASFE-PS	Active steering feature - Volvo Dynamic Steering - VDS - with personal settings	<input type="checkbox"/> WHC-FIX2	Wheel chocks - Two fixed design
<input checked="" type="checkbox"/> PSS-DUAL	Power steering system - Dual	<input type="checkbox"/> WHC-FOL2	Two foldable wheel chocks
<input checked="" type="checkbox"/> PSP-VAR	Power steering pump - Variable displacement	<input type="checkbox"/> WHCP-F	Wheel chock carrier position - In the front part of the vehicle
<input type="checkbox"/> PSP-VAR2	Power steering pump - Variable displacement with electronic control	<input type="checkbox"/> WHCP-R	Wheel chock carrier position - In the rear part of the vehicle
<input checked="" type="checkbox"/> EBS-MED	Brake package - EBS medium including "hill" hold function	<input type="checkbox"/> WHCP-T	Wheel chock carrier position - Outer luggage locker
<input type="checkbox"/> AUXPARK	Auxiliary parking brake - Additional spring brakes	<input type="checkbox"/> TB-L80	Toolbox 800 mm, left side
<input checked="" type="checkbox"/> RST-AIR	Rear suspension type - Air	<input type="checkbox"/> TB-R80	Toolbox 800 mm, right side
<input checked="" type="checkbox"/> SUSPL-EC	Remote electronic control on wander-lead for air suspension levelling	<input type="checkbox"/> SUP-BAS	Side guards - Check with bodybuilder chassis space requirements
<input checked="" type="checkbox"/> FRAME300	Chassis frame section external height - 300 mm	<input type="checkbox"/> SUP-LOW	EC approved low chassis side guards
<input checked="" type="checkbox"/> FST8080	Chassis frame thickness - 8 mm web and flange	<input type="checkbox"/> CHAIN-S	Snow chains
<input type="checkbox"/> FIL-EEEEB	Chassis frame inner liner - From the end of the engine to the end of the bogie	<input type="checkbox"/> HOOK-SC	Snow chain hooks
<input type="checkbox"/> FIL-EEEF	Chassis frame inner liner - From the end of the engine to end of the frame	<input checked="" type="checkbox"/> TOWF-NO1	Front towing device - One detachable - stored in cab
<input checked="" type="checkbox"/> FIL-FBEB	Chassis frame inner liner - Over the rear bogie	<input type="checkbox"/> TOWF-NO2	Front towing device - Two detachable - stored in cab
<input type="checkbox"/> FIL-FBEF	Chassis frame inner liner - From the front of bogie to the end of the frame	<input type="checkbox"/> TOWMBRH	Towing member, high mounted in centre of frame, D = 190
<input type="checkbox"/> FIL-TXEB	Chassis frame inner liner - From gearbox member to the end of the bogie	<input type="checkbox"/> TOWMBRL1	Towing member, low mounted under the frame
<input type="checkbox"/> FIL-TXEF	Chassis frame inner liner - From gearbox member to the end of the frame	<input type="checkbox"/> TOWMBRM	Towing member, medium mounted in line with frame lower flange
<input checked="" type="checkbox"/> BBOX-L	Battery box position - Left hand side	<input checked="" type="checkbox"/> RFEC-S	Rear frame profile - Straight cut
<input type="checkbox"/> 2BAT210B	Battery Capacity - 2 x 210 Ah - Gel type	<input type="checkbox"/> RFEC-U	Rear frame profile - Slight uppercut for tipper
<input checked="" type="checkbox"/> 2BAT210C	Battery Capacity - 2 x 210 Ah - AGM Absorbent Glass-fibre Material type	<input type="checkbox"/> C-RI4040	Towing coupling, Ringfeder 4040A
<input checked="" type="checkbox"/> BATTAMP	Battery management - Voltage and current gauge	<input type="checkbox"/> C-RI5050	Towing coupling, Ringfeder 5050A
<input type="checkbox"/> BATTIND	Battery management - Voltage, current and charge indicators	<input type="checkbox"/> C-RO400G	Towing coupling, Rockinger 400 G-150 for 40mm eyes
<input type="checkbox"/> 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	<input type="checkbox"/> C-RO50	Rockinger RO 50 50mm for centre axle trailer
<input type="checkbox"/> MSWI-A	Battery master switch - ADR switch circuit shut down	<input type="checkbox"/> C-VBG795	VBG 795V-3 coupling (centre axle trailer)
<input checked="" type="checkbox"/> MSWI-C	Battery master switch - Chassis mounted toggle by the battery box	<input type="checkbox"/> TOWR-ONE	Towing hitch attached to rear crossmember
<input type="checkbox"/> MSWI-R	Battery master switch - Key fob operated remote controlled	<input type="checkbox"/> TREL-PK	Trailer electrical preparation kit - chassis/cab wiring
<input checked="" type="checkbox"/> UR-FUEL	Right fuel tank - Without Min volume 255l Max volume 810l	<input type="checkbox"/> TREL14	Single 14 pole electrical trailer connector
<input checked="" type="checkbox"/> UL-FUEL	Left fuel tank - Without Min volume 160l Max volume 450l	<input type="checkbox"/> TREL15	Trailer electrical connection - Single 15 pin - ADR certified
<input type="checkbox"/> ADTP-L	AdBlue tank position - Chassis mounted on the left-hand side	<input type="checkbox"/> TREL7	7 pole - 24N trailer electrical suzie
<input type="checkbox"/> ADTP-LF	AdBlue tank position - Chassis mounted on the left-hand side between axle 1 and 2	<input type="checkbox"/> TREL7-7	Trailer electrical connection - 2 x 7 pin - 24N and 24S
<input checked="" type="checkbox"/> ADTP-R	AdBlue tank position - Chassis mounted on the right-hand side	<input type="checkbox"/> TBC-DUO	Trailer brake connections - Duomatic type
<input type="checkbox"/> ADB032	Plastic AdBlue tank - 32 litres	<input type="checkbox"/> TBC-EC	Trailer brake connections - EC palm coupling connectors
<input type="checkbox"/> ADB048	Plastic AdBlue tank - 48 litre	<input type="checkbox"/> TRBR-HCF	Full pressure hand controlled trailer brake
<input type="checkbox"/> ADB064	Plastic AdBlue tank - 64 litre	<input type="checkbox"/> TRBR-STA	Stationary trailer brake control
<input type="checkbox"/> ADTC-BF	AdBlue tank cover with satin alloy look decorative cover	<input type="checkbox"/> TRB-STRE	Stretch Brake - Automatic low speed trailer brake activation to avoid jack-knifing and improve steerability
<input checked="" type="checkbox"/> FCAP-L	Diesel and AdBlue filler cap - Locking	<input type="checkbox"/> FFEND-B	Standard mounted mud wings on second front axle
<input checked="" type="checkbox"/> FUFF-AS	Fuel filler - Anti-spill device	<input type="checkbox"/> FFEND-T	Transport mounted mud wings on second front axle
<input type="checkbox"/> FUFF-ATS	Fuel filler - Anti-spill & anti-syphon device	<input type="checkbox"/> RFEND-B	Rear mud wings - Three piece EC approved and spray flaps
<input type="checkbox"/> ESH-LEFT	Exhaust - Horizontal silencer - left outlet	<input type="checkbox"/> RFEND-T	Rear mud wings - Temporary on drive axle for transport delivery only
<input type="checkbox"/> ESH-REAR	Exhaust - Horizontal silencer - rear outlet	<input type="checkbox"/> RFH-BAS	Basic rear wing height
<input type="checkbox"/> ESH-RIGH	Exhaust - Horizontal silencer - right outlet	<input type="checkbox"/> RFH-HIG	High rear wing height - higher wing tops
		<input type="checkbox"/> RFH-LOW	Lower rear wing height - shallower wing tops
		<input type="checkbox"/> ATANK-AL	Air tanks - Aluminium
		<input checked="" type="checkbox"/> ATANK-ST	Air tanks - Steel
		<input checked="" type="checkbox"/> TL-LED	Rear lights - LED
		<input type="checkbox"/> BLIGHT-E	Emergency brake light

Standard Equipment Optional Equipment

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MODEL RANGE

FM 13 8x4 Rigid - Rear Air Suspension - N3 or N3G FM 84RF 3A

<input checked="" type="checkbox"/> RT-STEEL	Wheels - Steel rims	<input type="checkbox"/> 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)
<input type="checkbox"/> WCAP	Aerodynamic hub caps	<input type="checkbox"/> PTER1400	Engine power-take-off - Rear-mounted with SAE 1410 flange
<input type="checkbox"/> SPWT-D	Spare wheel & tyre with rear tyre pattern	<input type="checkbox"/> HPE-F101	Parker F1-101, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
<input type="checkbox"/> SPWT-F	Spare wheel & tyre with front tyre pattern	<input type="checkbox"/> HPE-F41	Parker F1-41, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
<input type="checkbox"/> SWCP-LF	Spare wheel carrier on left side of chassis ahead of rear axle	<input type="checkbox"/> HPE-F51	Parker F1-51, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
<input type="checkbox"/> SWCP-T	Spare wheel supplied temporarily strapped to chassis	<input type="checkbox"/> HPE-F61	Parker F1-61, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
<input type="checkbox"/> SWCP-TP	Temporary spare wheel carrier on top of chassis frame	<input type="checkbox"/> HPE-F81	Parker F1-81, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
<input type="checkbox"/> JACK-12T	12 tonne bottle jack	<input type="checkbox"/> HPE-T53	Parker F2-53/53, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump
<input type="checkbox"/> JACK-15T	15 tonne bottle jack	<input type="checkbox"/> HPE-T70	Parker F2-70/35, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump
<input type="checkbox"/> JACK-20T	20 tonne bottle jack	<input type="checkbox"/> HPE-V45	Parker VP1-45, variable displacement, single flow, engine mounted hydraulic pump
<input checked="" type="checkbox"/> TOOL-BAS	Toolkit - Basic	<input type="checkbox"/> HPE-V75	Parker VP1-75, variable displacement, single flow, engine mounted hydraulic pump
<input type="checkbox"/> TOOLKIT	Toolkit - Complete	<input type="checkbox"/> PTPT-D	Powertronic PTO, 1 front/upper DIN connection for plug-in pump (max. 850 Nm)
<input type="checkbox"/> INFLAHOS	Tyre inflation hose	<input type="checkbox"/> PTPT-F	Powertronic PTO, 1 front/upper rear facing SAE flange conn. for prop shaft (max.850 Nm)
<input type="checkbox"/> GAUGE-TP	Tyre pressure gauge	<input type="checkbox"/> PTR-D	Gearbox PTO for plug-in pump, 0.71xeng speed
DRIVELINE EQUIPMENT		<input type="checkbox"/> PTR-DH	Gearbox driven high speed PTO for one plug-in hydraulic pump
<input type="checkbox"/> TRAP-HD	Reinforced gearbox application	<input type="checkbox"/> PTR-DM	Gearbox driven medium speed PTO for one plug-in hydraulic pump
<input checked="" type="checkbox"/> DRM-BE	Drive Mode - Balanced & Economy	<input type="checkbox"/> PTR-F	Gearbox driven PTO with rear flange connection
<input type="checkbox"/> DRM-E	Drive Mode - Economy	<input type="checkbox"/> PTRD-D	Gearbox driven HIGH SPEED PTO for two plug-in hydraulic pumps
<input type="checkbox"/> PVT-MAP	I-See Predictive Cruise Control - using map based topography information	<input type="checkbox"/> PTRD-F	PTO with 1 DIN + 1 flange connection rear, manual gearbox
<input checked="" type="checkbox"/> CRUIS-E	Cruise control - with I-roll and I-cruise, controls in steering wheel	<input type="checkbox"/> HPG-F101	Parker F1-101 gearbox mounted, fixed displacement, single flow, hydraulic pump
<input type="checkbox"/> CRUIS-E5	Eco torque software - Improved economy mode. Fuel economy optimized cruise control for I-Save	<input type="checkbox"/> HPG-F41	Parker F1-41 gearbox mounted, fixed displacement, single flow, hydraulic pump
<input type="checkbox"/> AMSO-AUT	Enhanced I-shift software with manual shift available in auto mode and kickdown facility on accelerator pedal	<input type="checkbox"/> HPG-F51	Parker F1-51 gearbox mounted, fixed displacement, single flow, hydraulic pump
<input type="checkbox"/> AVO-ENH	I-Shift application software - Construction and off road applications	<input type="checkbox"/> HPG-F61	Parker F1-61 gearbox mounted, fixed displacement, single flow, hydraulic pump
<input type="checkbox"/> APF-ENH	I-shift enhanced PTO functions	<input type="checkbox"/> HPG-F81	Parker F1-81 gearbox mounted, fixed displacement, single flow, hydraulic pump
<input type="checkbox"/> RET-TH	Gearbox mounted retarder	<input checked="" type="checkbox"/> STWPOS-R	Steering wheel position - RIGHT-HAND DRIVE
<input type="checkbox"/> RET-TPT	Hydraulic Retarder for Powertronic gearbox	<input type="checkbox"/> STWM-LE	Steering wheel - Leather rim
<input type="checkbox"/> TC-HWO	Transmission oil cooler - water to oil	<input type="checkbox"/> STGW-AD2	Steering wheel adjustment - Neck tilt, column height and angle
<input type="checkbox"/> TC-MAOH2	Extra high performance transmission oil cooler - air to oil with front mounted radiator	<input checked="" type="checkbox"/> STGW-ADJ	Steering wheel adjustment - Column height and angle
<input type="checkbox"/> TC-MWO	Basic transmission oil cooler - water to oil	<input checked="" type="checkbox"/> AIRBAG	Driver air bag
<input type="checkbox"/> 2COM1100	Air compressor - Two-cylinder 1100 litres per minute	<input type="checkbox"/> INST-BAS	Basic level instruments
<input type="checkbox"/> 2COMP870	Air compressor - Two-cylinder 870 litres per minute	<input checked="" type="checkbox"/> DRC-AMII	DPF Regeneration control switch - for manual and switching off regeneration
<input checked="" type="checkbox"/> 2COMP900	Air compressor - Two-cylinder 900 litres per minute	<input checked="" type="checkbox"/> 1DAYDIG2	Tachograph - Continental VDO 4.0
<input type="checkbox"/> CLU-AIRC	Clutchable air compressor	<input type="checkbox"/> ARSL	Additional road speed limit - switch in dashboard
<input checked="" type="checkbox"/> AIRIN-HI	Air intake - Roof-mounted behind cab on the left-hand side	<input type="checkbox"/> ESP-BAS1	Electronic Stability Control ESC
<input type="checkbox"/> AIRIN-LO	Low level air intake behind cab on left hand side	<input type="checkbox"/> ESPC-RO	Additional ESC functions - Reduced / Off
<input type="checkbox"/> ACL1ST-S	Air filter - two-stage element	<input type="checkbox"/> HWSS-ACB	Adaptive cruise control ACC with forward collision warning and AEBS advanced emergency brake system
<input checked="" type="checkbox"/> 24A110BL	Alternator capacity - 110 amp	<input type="checkbox"/> HWSS-FCB	Forward collision warning with AEBS advanced emergency brake system
<input checked="" type="checkbox"/> 24A150BL	Alternator capacity - 150 amp	<input type="checkbox"/> LSS-DW	Lane departure-warning system
<input type="checkbox"/> 24AL110B	Alternator capacity - 110 amp	<input type="checkbox"/> LCS	Lane change support
<input type="checkbox"/> 24AL150B	Alternator capacity - 150 amp	<input type="checkbox"/> LCS4	Side Collision Avoidance Support - passenger and driver side
<input type="checkbox"/> CCV-C	Closed crankcase engine ventilation	<input type="checkbox"/> DAS-W	Driver Alert Support system
<input checked="" type="checkbox"/> CCV-OX	Closed crankcase ventilation for cold markets		
<input checked="" type="checkbox"/> PRIM-EL	Electrical priming pump		
<input type="checkbox"/> PRIM-MAN	Manual priming pump		
<input type="checkbox"/> FUEQ-EH	Fuel line electric heater		
<input type="checkbox"/> AF-R	Hot fuel recirculation heated fuel filter		
<input checked="" type="checkbox"/> FUEFE2LW	Large engine mounted dual fuel filter with water separator		
<input type="checkbox"/> FUEFE2SW	Small engine mounted dual fuel filter with water separator		
<input type="checkbox"/> EST-AID	Engine starting aid -Preheating element in the air inlet manifold		
<input type="checkbox"/> 220EBH15	220V/1.5Kw electric engine block heater		
<input type="checkbox"/> PTER-100	Engine power-take-off - Rear-mounted with DIN100/ISO7646 flange		

Standard Equipment Optional Equipment

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MODEL RANGE

FM 13 8x4 Rigid - Rear Air Suspension - N3 or N3G FM 84RF 3A

<input type="checkbox"/> RSENS-W	Rain sensing windscreen wipers	<input checked="" type="checkbox"/> FMAT-RUB	Footwell floor mats - Rubber
<input type="checkbox"/> CU-ECC	Cab Climate Unit - Electrically controlled air conditioning with sun sensor	<input type="checkbox"/> FMAT-TX2	Footwell floor mats - Two sets, Rubber and textile with an embossed pile supplied in the cab
<input type="checkbox"/> CU-ECC2	Cab Climate Unit - Electrically controlled air conditioning with carbon filter, sun, mist, and air quality sensor	<input type="checkbox"/> LBK70	Lower bunk - Fixed 700 x 2000 mm
<input checked="" type="checkbox"/> CU-MCC	Cab Climate Unit - Manual air conditioning	<input type="checkbox"/> MATL-FI	Lower mattress - Firm pocket sprung
<input checked="" type="checkbox"/> IMMOBIL	Thatcham H2 approved immobiliser	<input type="checkbox"/> MATL-SF	Lower mattress - Flexi-zone semi-firm, pocket springs up to 100kg - 16 stone
<input type="checkbox"/> ALARM-E	Vehicle alarm - Cab plus external sensor for body/trailer	<input type="checkbox"/> OLMAT-BA	Mattress overlay protector - 35mm thick
<input type="checkbox"/> BUPMON	Back up monitor - Digital reverse camera, parameter & lead supplied loose in cab.	<input type="checkbox"/> OLMAT-PR	Mattress overlay protector - Premium 50mm thick
<input type="checkbox"/> PHONE-PK	Telephone preparation kit (antenna, antenna attachm. cable incl.)	<input type="checkbox"/> TBK60F	Top bunk - Fixed foldable 600 x 1900mm
<input type="checkbox"/> ISUNS-BS	Side sun visor - Driver & passenger side	<input type="checkbox"/> TBK70F	Top bunk - Fixed foldable 700 x 1900mm
<input checked="" type="checkbox"/> ISUNS-DS	Side sun visor - Driver-side	<input type="checkbox"/> PH-CAB2	Cab parking heater -1.8kW Air to air
<input type="checkbox"/> ISUNF-B	Interior front sun visor without mirror	<input type="checkbox"/> PH-ENGCA	Cab parking heater - Engine and cab
<input type="checkbox"/> ISUNF-MD	Interior front sun visor with mirror on driver side	<input type="checkbox"/> PH-SS	Cab parking heater - Short stop
<input type="checkbox"/> ISUNF-RE	Electrically 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 checked="" type="checkbox"/> ISUNF-RM	Manually operated textile interior sun blind	<input type="checkbox"/> ETSB-F	Storage on engine tunnel - Central document box with two rear cup holders
<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-FR	Storage on engine tunnel - Central document box with two rear cup holders & open storage pocket on cab rear wall
<input checked="" type="checkbox"/> BUPALARM	Reverse alarm	<input type="checkbox"/> ETSB-R	Storage on engine tunnel - 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"/> RUS-BAS	Rear cab upper storage - 300 mm high
<input type="checkbox"/> LOADIND	Load indicator with central dashboard display	<input type="checkbox"/> RUS-HIG	Rear cab upper storage - 440 mm high - volume 245 litres
<input type="checkbox"/> REMC-MF	Multi-functio wireless remote control	<input type="checkbox"/> REF-ICPK	Fridge - Engine tunnel mounted preparation kit
<input type="checkbox"/> FIREXT3S	Fire extinguisher - 3kg mounted on the seat base	<input type="checkbox"/> REFR-RUS	Fridge - 28 litre rear upper wall mounted with dividers
<input type="checkbox"/> WARNVEST	High visibility warning vest - no sleeves	<input type="checkbox"/> MICRO-PK	Microwave equipment - Wiring preparation kit for oven
<input type="checkbox"/> AIDKIT	First aid kit - Legal demand for EU markets including delivery to EU bodybuilder	<input type="checkbox"/> BOTH-D	Bottle holder - One under dashboard centre section
<input type="checkbox"/> AIDKIT1B	First aid kit - Legal demand for trucks transiting Germany	<input type="checkbox"/> COFMA-PK	Coffee maker - Preparation kit.
<input type="checkbox"/> WARNLAMP	Portable warning lamp	<input checked="" type="checkbox"/> INLI-BAS	Interior light - White LEDs
<input type="checkbox"/> LAMP-IN	Inspection lamp	<input type="checkbox"/> INLI-NL	Interior light - White and red nightlight LEDs without dimmer
<input type="checkbox"/> BULBKIT	Bulb and fuse kit	<input type="checkbox"/> INLI-NLD	Interior light - White and red nightlight LEDs with dimmer
<input type="checkbox"/> WRITEPAD	Writing pad	<input type="checkbox"/> ARL-FLEX	Flexible reading lamps - Two "snake" type
<input checked="" type="checkbox"/> DST-CF4	Driver seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt	<input checked="" type="checkbox"/> RH-EE	Fixed tinted glass sky window with emergency exit
<input type="checkbox"/> DST-CF5	Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls with integrated seatbelt	<input type="checkbox"/> RH-ER	Steel roof hatch - Electrically operated, rear opening 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-ETR	Tinted glass roof hatch - Electrically operated, rear opening with emergency exit
<input type="checkbox"/> SBD-RED	Seat belt colour - Red	<input type="checkbox"/> RH-MTR	Tinted glass roof hatch - Manually operated, rear opening with emergency exit
<input type="checkbox"/> SBPRE-DS	Driver seat belt pretensioner	<input checked="" type="checkbox"/> GLAS-TIN	Cab windows - Tinted
<input checked="" type="checkbox"/> PST-BAS1	Passenger seat - Fixed non suspended fold up with seatbelt mounted on cab "B" post	<input type="checkbox"/> SWIND-BS	Cab side window - On both sides behind 'B' post
<input type="checkbox"/> PST-CF4	Passenger seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt	<input type="checkbox"/> SWIND-PS	Cab side window - Left side 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"/> AWIND-RF	Rear window
<input type="checkbox"/> PST-STD2	Passenger seat - Fixed with backrest adjustment, non suspended with seatbelt mounted on cab "B" post	<input type="checkbox"/> VANMIR	Vanity mirror - In front shelf
<input type="checkbox"/> PST-STD4	Passenger seat - Standard suspended with seatbelt mounted on cab "B" post	<input type="checkbox"/> AS-FUS	Extra shelf in front compartments
<input type="checkbox"/> SBPRE-PS	Passenger seat belt pretensioner	<input type="checkbox"/> INFOT-PK	TV mounting preparation kit - Above the driver's door, includes bracket, electrical and speaker connections
<input type="checkbox"/> ARMRE-BB	Armrests - Two on both driver & passenger seats	CAB EXTERIOR	
<input type="checkbox"/> ARMRE-DB	Armrests - Two on the driver seat	<input type="checkbox"/> EXTL-BA2	Enhanced exterior finish - Satin Volvo badges, instep, bumper, and mirror housing in cab colour. Main grille in thunder grey. Aluminium step inserts. Sunvisor and bumper spoiler in cab colour if specified.
<input type="checkbox"/> ARMRE-PB	Armrests - Two on the passenger seat	<input checked="" type="checkbox"/> EXTL-BAS	Basic exterior finish - Satin Volvo badges, grey grille, instep, bumper, bumper spoiler, grille, door handles mirror housing and sunvisor if specified.
<input type="checkbox"/> ARU-BAS	Armrest upholstery - Vinyl	<input checked="" type="checkbox"/> DGLAS-H	Door glass - Hardened
<input type="checkbox"/> ARU-LEA	Armrest upholstery - Leather	<input type="checkbox"/> DGLAS-L	Door glass - Laminated
<input checked="" type="checkbox"/> Standard Equipment	<input type="checkbox"/> Optional Equipment	<input checked="" type="checkbox"/> LOCK-CTL	Door locks - Central locking with key
		<input type="checkbox"/> LOCK-REM	Door locks - Remote central locking
		<input type="checkbox"/> BUMP-B	Front bumper - Plastic

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

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MODEL RANGE

FM 13 8x4 Rigid - Rear Air Suspension - N3 or N3G FM 84RF 3A

■ BUMP-B2	Front bumper - Steel	□ ACCB-RM	Rear & middle roof mounted accessory brackets
□ BUMP-SP	Front bumper spoiler	□ REFS-TW	White cab conspicuity markings by packed in cab
□ GUARD-EH	Sump and radiator guard - to protect engine and hoses	□ REFS-TY	Yellow cab conspicuity markings by packed in cab
■ BUGNET	Radiator insect screen	SUPERSTRUCTURE PREPARATIONS	
□ CTILT-P-E	Electrically operated hydraulic cab tilt	□ SRWL-PK	Chassis-mounted working lamps - Side work and reverse lamp preparation and 3 position switch - Max load 280W
■ CTILT-P-M	Manually operated hydraulic cab tilt	□ SWL-2FW	Chassis-mounted working lamps - Two white front-mounted LED lamps
□ FCABS-A	Front cab suspension - Air	□ SWL-2RW	Chassis-mounted working lamps - Two white rear-mounted LED lamps
■ FCABS-M	Front cab suspension - Mechanical spring	□ SWL-4W	Chassis-mounted working lamps - Four white front and rear-mounted LED lamps
□ RCABS-A	Rear cab suspension - Air	□ SWL-PK	Chassis-mounted working lamps - Side work lamp preparation and 2 position switch - Max load 280W
■ RCABS-M	Rear cab suspension - Mechanical spring	□ WLC-H2A	Two H3/70W working lamps with amber coloured lens high mounted back of cab
□ 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.	□ WLC-H2W	Two H3/70W white working lamps high mounted on the back of cab
□ 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	□ WLC-PKCH	Working lamp back of cab - Preparation kit - cables and switch
■ MIRCOMF	Electrically heated and operated main and wide angle mirrors and manually adjusted kerb view mirror on passenger side	□ WLC-PKH	Preparation kit, cables and switch for high mounted working lamps back of cab
□ 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	□ WLC-PKL	Preparation kit, cables and switch for low mounted working lamps back of cab
■ AMIR-F20	Auxiliary front view mirror with a 200mm radius	□ WLC-PKLH	Preparation kit - cables and switch for low and high mounted working lamps back of cab.
□ SUNV-H	External smoke grey sunvisor	□ ECBB-HIG	Body builder electrical centre with body builder module
□ AD-ROOF	Cab roof deflector - Adjustable	■ ECBB-MED	
□ AD-SIDES	Cab side deflector - Short extension panels	□ BBCHAS1	One 7-pole connector for Body builder interface
■ HL-BASIC	Headlamps - Halogen	□ BBCHAS3	Three 7-pole connectors for Body builder interface
□ HL-CLEAN	Head lamp cleaner - washer jets	□ BEPR-T2	Body builder electrical software preparation for tipper with remote control
□ HLP-ST	Headlamp protection	□ EXSTER	External steering control - Volvo dynamic steering and bodybuilder module prepared for external control system, installed and computer by bodybuilder
□ HL-ADJ	Headlight adjustment - Switch in cab	□ TD-BAS	Trailer detection WITHOUT LED sensing
□ DRIVL2	Two spot lamps	■ TD-LED	Trailer detection with LED sensing
■ UDRIVL	Auxiliary driving lights - Without	□ FRFS-BS	Frame rail free space - both sides to give space for crane legs or other equipment.
■ FOGL-WC	Front fog lights	□ FBA-BTF	Lower front body attachments for torsionally flexible - platform body
□ CL-STAT	Static corner lights	□ FBA-BTSF	Lower front body attachments for torsionally semi-flexible body - box or curtainsider
□ ASL-RF2	Two Hella H11 70W spotlamps in Globetrotter sign box	□ HBA-FSFB	Holes for body attachments - flexible/semi-flexible body
□ BEACOA2F	Roof beacons - Two front roof mounted amber LED	□ HBA-SB	Holes for body attachments - stiff body
□ BEACOA2R	Roof beacons - Two rear roof mounted amber LED	□ RBA-T2	Lower rear body attachments for helper frame
□ BEACON-P	Roof beacons - switch and wiring preparation only	□ CRANEPK1	Crane plates mounted to frame, for cranes up to 10 tonne metre capacity
□ BEACONA4	Roof beacons - Four amber LED - two front/ two rear	□ CRANEPK2	Crane plates mounted to frame, for cranes up to 20 tonne metre capacity
□ CABPT-R1	Single outlet for roof mounted accessories	□ CRANEPK4	Crane plates mounted to frame, for cranes up to 40 tonne metre capacity
■ CABPT-R2	Twin outlets for roof mounted accessories.	□ AUXL-SPK	Electrical preparation kit - wiring and switch for snow plough lights
□ SPOTP-F	Spotlamp preparation in front, max 280W	□ TAILPRE2	Tail lift preparation kit, wireless remote operation
□ SPOTP-R	Spotlamp preparation on roof, max 280W	□ TAILPREP	Taillift preparation kit - cab switch and warning in driver display
□ SPOTP-RF	Spotlamp preparation on cab roof and in cab front, max 2x280W	□ AESW2	Two Body builder bistable electrical switches (marked AUX1 / AUX2)
□ ROS-IL2	Preparation kit for illuminated roof sign with switch loose in cab, fit after registration	□ AESW2PK	2 Body builder bistable el.switches (marked AUX1/AUX2) and prep. for 4 more switches
□ CSGN-GTR	"Globetrotter" headboard logo	□ AUXSW-4	Wiring for 4 extra switches (from Body builder electrical centre to switch positions)
■ HORN-F1S	Horn - Air single tone - chassis mounted	DELIVERY SERVICES	
□ HORN-R2S	Horn - Air - Two roof-mounted	■ TGW-4GWL	Telematics gateway - GSM/GPRS/4G modem, LTE & WLAN
□ ANT-CBR	Roof mounted antenna for CB radio, single aerial. Only Globetrotter cabs brings in extra DIN slots.		
□ ACCB-R-AP	Front, middle & rear roof mounted accessory brackets		
□ ACCB-R-F	Front roof mounted accessory bracket		
□ ACCB-R-FM	Front & middle roof mounted accessory brackets		
□ ACCB-R-FR	Front & rear roof mounted accessory brackets		
□ ACCB-R-M	Middle roof mounted accessory bracket		
□ ACCB-R-R	Rear roof mounted accessory bracket		

■ Standard Equipment □ Optional Equipment

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- **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