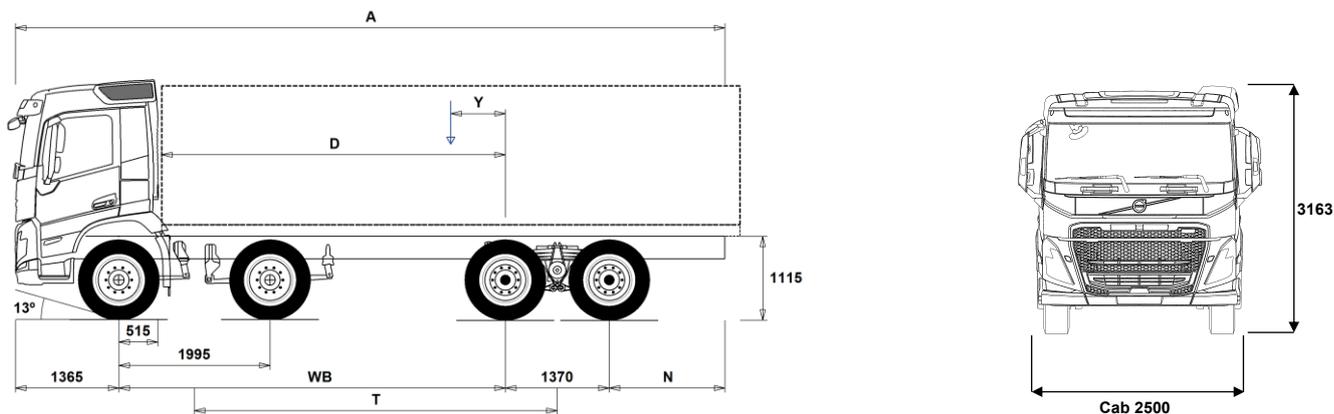


MODEL RANGE

FM 13 8x4 Rigid - B/T Ride - N3 or N3G FM 84RF 3L



Chassis Dimensions [mm]

WB Wheelbase	5100	5600
A Overall Chassis Length	10660	11410
D Center of rear axle to front of body	4535	5035
N Rear Overhang (Min.)	715	715
N Rear Overhang (Max.)	2825	3075
T Theoretical Wheelbase	4788	5288
Y Center of Gravity for Payload (Min.)	713	870
Y Center of Gravity for Payload (Max.)	1347	1571

Chassis Weights [kg]

Front Axles	6375	6345
Rear Bogie	2950	3030
Kerb Weight	9325	9375
Payload (including body, driver, fuel, etc.)	22675	22625

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	20600	22200
Turning Circle Diameter Wall to Wall	22000	23600

Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	32000	37000
Gross Combination Weight	35580	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.

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 FM84RF3L.

MODEL RANGE

FM 13 8x4 Rigid - B/T Ride - N3 or N3G FM 84RF 3L

TRUCK USE

- **RC-ROUGH** Road conditions - On / off-road
- **RC-VROUG** Road conditions - Very rough
- **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-XHIG** Chassis height - X-High - for loading heights check the unique BEP chassis drawing attached to this quote
- **RADD-BR** Rear suspension - B-ride rear three spring bogie
- **RADD-TR1** T-ride 1 rear two spring bogie suspension, 75mm wide springs
- **RADD-TR2** T-ride 3 rear two spring bogie suspension, reinforced
- **RADD-TR3** RADD-TR3 - T ride 3
- **FM-DAY6** Cab - Day - with steel safety cage design
Designed and built to Swedish impact and ECE R29 regulations
- **FM-HSLP6** Cab - Globetrotter sleeper, with steel safety cage design
Designed and built to Swedish impact and ECE R29 regulations
- **FM-LDAY6** Cab - Low Day - with steel safety cage design
Designed and built to Swedish impact and ECE R29 regulations
- **FM-LSLP6** Cab - Low sleeper, with steel safety cage design
Designed and built to Swedish impact and ECE R29 regulations
- **FM-SLP6** Cab - Sleeper, with steel safety cage design
Designed and built to Swedish impact and ECE R29 regulations
- **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
- **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
- **RTH2610B** Drive axles - RTH2610B 26-tonne hub reduction tandem with differential and cross locks* - design GCW 100tonne, 4 planetary gears

□ **RTH2610F**

□ **RTH3210F**

□ **RTH3212F**

□ **RTH3312**

□ **RTH3815**

□ **RTS2310A**

■ **RTS2370A**

PACKAGES

- **FP-D13** Fuel Package
- **DRIV-EXT** Cab package - Drive Extended
- **DRIV-SEL** Cab Package - Drive Select
- **1LIVINFM** Sleep & Resting Package - Living one-bed
- **2LIVINFM** Sleep & Resting Package - Living two-bed
- **INFOHIGH** Media Information Platform - Medium level
- **CHASPAC** Chassis Package Rigid

CHASSIS

- **FST-PAR** Front suspension type - 2 leaf parabolic springs
- **FST-PAR3** Front suspension type - 3 leaf parabolic springs
- **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
- **RAL32** Rear bogie design capacity - 32 tonne
- **RAL38** Rear Bogie Design Capacity - 38 tonne
- **RSTAB1** Rear anti-roll bar - Normal stiffness
- **RSAP2** Rear suspension application - Heavy duty with reinforcements
- **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-PS** Active steering feature - Volvo Dynamic Steering - VDS - with personal settings
- **PSS-DUAL** Power steering system - Dual
- **PSP-VAR** Power steering pump - Variable displacement

* Cross locks replaced by a dog clutch if tandem axle lift is specified.
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.
Drive axles - RTH3210F 32-tonne hub reduction tandem with differential and cross locks* - design GCW 100 tonne
* Cross locks replaced by a dog clutch if tandem axle lift is specified.
Drive axles - RTH3212F 32-tonne hub reduction tandem with differential and cross locks* - design GCW 120 tonne, 4 planetary gears
* Cross locks replaced by a dog clutch if tandem axle lift is specified.
Drive axles - RTH3312 33-tonne hub reduction tandem with differential and cross locks* - design GCW 120tonne
* Cross locks replaced by a dog clutch if tandem axle lift is specified.
Drive axles - RTH3815 38-tonne hub reduction tandem with differential and cross locks - design GCW 150 tonne
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
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

■ Standard Equipment □ Optional Equipment

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MODEL RANGE

FM 13 8x4 Rigid - B/T Ride - N3 or N3G FM 84RF 3L

<input type="checkbox"/> PSP-VAR2	Power steering pump - Variable displacement with electronic control	<input type="checkbox"/> CHAIN-S	Snow chains
<input checked="" type="checkbox"/> EBS-MED	Brake package - EBS medium including "hill" hold function	<input type="checkbox"/> HOOK-SC	Snow chain hooks
<input type="checkbox"/> AUXPARK	Auxiliary parking brake - Additional spring brakes	<input checked="" type="checkbox"/> TOWF-NO1	Front towing device - One detachable - stored in cab
<input type="checkbox"/> RST-MUL	Rear suspension type - Multi-leaf spring	<input type="checkbox"/> TOWF-NO2	Front towing device - Two detachable - stored in cab
<input checked="" type="checkbox"/> RST-PAR1	Rear suspension type - Parabolic springs	<input type="checkbox"/> TOWMBRH	Towing member, high mounted in centre of frame, D = 190
<input type="checkbox"/> RST-PAR5	Rear suspension type - Progressive parabolic springs	<input type="checkbox"/> TOWMBRL1	Towing member, low mounted under the frame
<input checked="" type="checkbox"/> FST8080	Chassis frame thickness - 8 mm web and flange	<input type="checkbox"/> TOWMBRM	Towing member, medium mounted in line with frame lower flange
<input type="checkbox"/> FIL-EEEE	Chassis frame inner liner - From the end of the engine to the end of the bogie	<input checked="" type="checkbox"/> RFEC-S	Rear frame profile - Straight cut
<input type="checkbox"/> FIL-EEEF	Chassis frame inner liner - From the end of the engine to end of the frame	<input type="checkbox"/> RFEC-U	Rear frame profile - Slight uppercut for tipplers
<input type="checkbox"/> FIL-FBEB	Chassis frame inner liner - Over the rear bogie	<input type="checkbox"/> C-RI4040	Towing coupling, Ringfeder 4040A
<input type="checkbox"/> FIL-FBEF	Chassis frame inner liner - From the front of bogie to the end of the frame	<input type="checkbox"/> C-RI5050	Towing coupling, Ringfeder 5050A
<input type="checkbox"/> FIL-TXEB	Chassis frame inner liner - From gearbox member to the end of the bogie	<input type="checkbox"/> C-RO400G	Towing coupling, Rockinger 400 G-150 for 40mm eyes
<input type="checkbox"/> FIL-TXEF	Chassis frame inner liner - From gearbox member to the end of the frame	<input type="checkbox"/> C-RO50	Rockinger RO 50 50mm for centre axle trailer
<input checked="" type="checkbox"/> BBOX-L	Battery box position - Left hand side	<input type="checkbox"/> C-VBG795	VBG 795V-3 coupling (centre axle trailer)
<input type="checkbox"/> 2BAT210B	Battery Capacity - 2 x 210 Ah - Gel type	<input type="checkbox"/> TOWR-ONE	Towing hitch attached to rear crossmember
<input checked="" type="checkbox"/> 2BAT210C	Battery Capacity - 2 x 210 Ah - AGM Absorbent Glass-fibre Material type	<input type="checkbox"/> TREL-PK	Trailer electrical preparation kit - chassis/cab wiring
<input checked="" type="checkbox"/> BATTAMP	Battery management - Voltage and current gauge	<input type="checkbox"/> TREL14	Single 14 pole electrical trailer connector
<input type="checkbox"/> BATTIND	Battery management - Voltage, current and charge indicators	<input type="checkbox"/> TREL15	Trailer electrical connection - Single 15 pin - ADR certified
<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"/> TREL7	7 pole - 24N trailer electrical suzie
<input type="checkbox"/> MSWI-A	Battery master switch - ADR switch circuit shut down	<input type="checkbox"/> TREL7-7	Trailer electrical connection - 2 x 7 pin - 24N and 24S
<input checked="" type="checkbox"/> MSWI-R	Battery master switch - Key fob operated remote controlled	<input type="checkbox"/> TBC-DUO	Trailer brake connections - Duomatic type
<input checked="" type="checkbox"/> UR-FUEL	Right fuel tank - Without Min volume 255l Max volume 810l	<input type="checkbox"/> TBC-EC	Trailer brake connections - EC palm coupling connectors
<input checked="" type="checkbox"/> UL-FUEL	Left fuel tank - Without Min volume 160l Max volume 450l	<input type="checkbox"/> TRBR-STA	Stationary trailer brake control
<input type="checkbox"/> ADTP-L	AdBlue tank position - Chassis mounted on the left-hand side	<input type="checkbox"/> TRB-STRE	Stretch Brake - Automatic low speed trailer brake activation to avoid jack-knifing and improve steerability
<input type="checkbox"/> ADTP-LF	AdBlue tank position - Chassis mounted on the left-hand side between axle 1 and 2	<input type="checkbox"/> FFEND-B	Standard mounted mud wings on second front axle
<input checked="" type="checkbox"/> ADTP-R	AdBlue tank position - Chassis mounted on the right-hand side	<input type="checkbox"/> FFEND-T	Transport mounted mud wings on second front axle
<input type="checkbox"/> ADB032	Plastic AdBlue tank - 32 litres	<input type="checkbox"/> RFEND-B	Rear mud wings - Three piece EC approved and spray flaps
<input type="checkbox"/> ADB048	Plastic AdBlue tank - 48 litre	<input type="checkbox"/> RFEND-T	Rear mud wings - Temporary on drive axle for transport delivery only
<input type="checkbox"/> ADB064	Plastic AdBlue tank - 64 litre	<input type="checkbox"/> RFH-BAS	Basic rear wing height
<input checked="" type="checkbox"/> FCAP-L	Diesel and AdBlue filler cap - Locking	<input type="checkbox"/> RFH-HIG	High rear wing height - higher wing tops
<input checked="" type="checkbox"/> FUFF-AS	Fuel filler - Anti-spill device	<input type="checkbox"/> RFH-LOW	Lower rear wing height - shallower wing tops
<input checked="" type="checkbox"/> FUFF-ATS	Fuel filler - Anti-spill & anti-syphon device	<input type="checkbox"/> ATANK-AL	Air tanks - Aluminium
<input type="checkbox"/> ESH-LEFT	Exhaust - Horizontal silencer - left outlet	<input checked="" type="checkbox"/> ATANK-ST	Air tanks - Steel
<input type="checkbox"/> ESH-REAR	Exhaust - Horizontal silencer - rear outlet	<input checked="" type="checkbox"/> TL-LED	Rear lights - LED
<input type="checkbox"/> ESH-RIGH	Exhaust - Horizontal silencer - right outlet	<input checked="" type="checkbox"/> BLIGHT-E	Emergency brake light
<input type="checkbox"/> ESH-VERT	Exhaust - Horizontal silencer - vertical outlet	WHEELS & TYRES	
<input type="checkbox"/> EXST-SSP	Stainless steel exhaust stack - NOT polished	<input type="checkbox"/> RT-AL	Wheels - Howmet Alcoa brushed aluminium rims - standard holes for long stud fixing
<input type="checkbox"/> EXST-ST	Steel exhaust stack	<input type="checkbox"/> RT-ALDP	Wheels - Howmet Alcoa Dura-Bright aluminium rims - standard holes for long stud fixing
<input type="checkbox"/> WHC-FIX2	Wheel chocks - Two fixed design	<input type="checkbox"/> RT-ALDPD	Wheels - Howmet Alcoa Dura-Bright EVO aluminium rims - countersunk holes for short stud fixing
<input type="checkbox"/> WHC-FOL2	Two foldable wheel chocks	<input type="checkbox"/> RT-ALDU	Wheels - Howmet Alcoa brushed aluminium rims - countersunk holes for short stud fixing
<input type="checkbox"/> WHCP-F	Wheel chock carrier position - In the front part of the vehicle	<input checked="" type="checkbox"/> RT-STEEL	Wheels - Steel rims
<input type="checkbox"/> WHCP-R	Wheel chock carrier position - In the rear part of the vehicle	<input type="checkbox"/> WCAP	Aerodynamic hub caps
<input type="checkbox"/> WHCP-T	Wheel chock carrier position - Outer luggage locker	<input type="checkbox"/> SPWT-D	Spare wheel & tyre with rear tyre pattern
<input type="checkbox"/> TB-L80	Toolbox 800 mm, left side	<input type="checkbox"/> SPWT-F	Spare wheel & tyre with front tyre pattern
<input type="checkbox"/> TB-R80	Toolbox 800 mm, right side	<input type="checkbox"/> SWCP-LF	Spare wheel carrier on left side of chassis ahead of rear axle
<input type="checkbox"/> SUP-BAS	Side guards - Check with bodybuilder chassis space requirements	<input type="checkbox"/> SWCP-T	Spare wheel supplied temporarily strapped to chassis
<input type="checkbox"/> SUP-LOW	EC approved low chassis side guards	<input type="checkbox"/> SWCP-TP	Temporary spare wheel carrier on top of chassis frame
<input checked="" type="checkbox"/> Standard Equipment		<input type="checkbox"/> JACK-12T	12 tonne bottle jack
<input type="checkbox"/> Optional Equipment		<input type="checkbox"/> JACK-15T	15 tonne bottle jack
		<input type="checkbox"/> JACK-20T	20 tonne bottle jack
		<input checked="" type="checkbox"/> TOOL-BAS	Toolkit - Basic
		<input type="checkbox"/> TOOLKIT	Toolkit - Complete
		<input type="checkbox"/> INFLAHOS	Tyre inflation hose
		<input type="checkbox"/> GAUGE-TP	Tyre pressure gauge

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 - B/T Ride - N3 or N3G FM 84RF 3L

DRIVELINE EQUIPMENT

- TRAP-HD** Reinforced gearbox application
- DRM-BE** Drive mode - Balanced & Economy
- DRM-E** Drive mode - Economy
- PVT-MAP** I-See Predictive Cruise Control - using map-based topography information
- PVT-MTM** I-See Predictive Cruise Control - using map-based topography information with lower operating settings
- CRUIS-E** Cruise control - with I-roll and I-cruise, controls in steering wheel
- CRUIS-E5** Eco torque software - Improved economy mode. Fuel economy optimized cruise control for I-Save
- AMSO-AUT** Enhanced I-shift software with manual shift available in auto mode and kickdown facility on accelerator pedal
- AVO-ENH** I-Shift application software - Construction and off road applications
- APF-ENH** I-shift enhanced PTO functions
- RET-TH** Gearbox mounted retarder
- RET-TPT** Hydraulic Retarder for Powertronic gearbox
- TC-HWO** Transmission oil cooler - water to oil
- TC-MAOH2** Extra high performance transmission oil cooler - air to oil with front mounted radiator
- TC-MWO** Basic transmission oil cooler - water to oil
- 1COMP530** Air compressor - One-cylinder 530 litres per minute
- 2COM1100** Air compressor - Two-cylinder 1100 litres per minute
- 2COMP870** Air compressor - Two-cylinder 870 litres per minute
- 2COMP900** Air compressor - Two-cylinder 900 litres per minute
- CLU-AIRC** Clutchable air compressor
- AIRIN-HI** Air intake - Roof-mounted behind cab on the left-hand side
- AIRIN-LO** Low level air intake behind cab on left hand side
- ACL1ST-S** Air filter - two-stage element
- 24A110BL** Alternator capacity - 110 amp
- 24A150BL** Alternator capacity - 150 amp
- 24AL110B** Alternator capacity - 110 amp
- 24AL150B** Alternator capacity - 150 amp
- CCV-C** Closed crankcase engine ventilation
- 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
- PTER-100** Engine power-take-off - Rear-mounted with DIN100/ISO7646 flange
- 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)
- PTER1400** Engine power-take-off - Rear-mounted with SAE 1410 flange
- HPE-F101** Parker F1-101, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
- HPE-F41** Parker F1-41, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
- HPE-F51** Parker F1-51, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
- HPE-F61** Parker F1-61, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
- HPE-F81** Parker F1-81, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
- HPE-T53** Parker F2-53/53, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump
- HPE-T70** Parker F2-70/35, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump
- HPE-V45** Parker VP1-45, variable displacement, single flow, engine mounted hydraulic pump
- HPE-V75** Parker VP1-75, variable displacement, single flow, engine mounted hydraulic pump
- PTPT-D** Powertronic PTO, 1 front/upper DIN connection for plug-in pump (max. 850 Nm)
- PTPT-F** Powertronic PTO, 1 front/upper rear facing SAE flange conn. for prop shaft (max.850 Nm)
- PTR-D** Gearbox PTO for plug-in pump, 0.71xeng speed
- PTR-DH** Gearbox driven high speed PTO for one plug-in hydraulic pump
- PTR-DM** Gearbox driven medium speed PTO for one plug-in hydraulic pump
- PTR-F** Gearbox driven PTO with rear flange connection
- PTRD-D** Gearbox driven HIGH SPEED PTO for two plug-in hydraulic pumps
- PTRD-F** PTO with 1 DIN + 1 flange connection rear, manual gearbox
- HPG-F101** Gearbox mounted hydraulic pump - Parker F1-101 hydraulic pump gearbox mounted
- HPG-F41** Gearbox mounted hydraulic pump - Parker F1-41 gearbox mounted, fixed displacement, single flow
- HPG-F51** Gearbox mounted hydraulic pump - Parker F1-51 gearbox mounted, fixed displacement, single flow
- HPG-F61** Gearbox mounted hydraulic pump - Parker F1-61 gearbox mounted, fixed displacement, single flow
- HPG-F81** Gearbox mounted hydraulic pump - Parker F1-81 gearbox mounted, fixed displacement, single flow
- STWPOS-R** Steering wheel position - RIGHT-HAND DRIVE
- STWM-LE** Steering wheel - Leather
- STGW-AD2** Steering wheel adjustment - Neck tilt, column height and angle
- STGW-ADJ** Steering wheel adjustment - Column height and angle
- AIRBAG** Driver air bag
- DRC-AMII** DPF Regeneration control switch - for manual and switching off regeneration
- 1DAYDIG4** Smart tachograph - Continental VDO 4.1 version 2 - legal demand from 21/08/2023
- ARSL** Additional road speed limit - switch in dashboard
- ESP-BAS1** Electronic Stability Control ESC
- ESPC-RO** Additional ESC functions - Reduced / Off
- HWSS-AC** Forward collision warning with adaptive cruise control WITHOUT AEBS advanced emergency brake system
- HWSS-ACB** Forward collision warning with adaptive cruise control and AEBS advanced emergency brake system
- HWSS-FCB** Forward collision warning with AEBS advanced emergency brake system
- LSS-DW** Lane departure warning system
- LSS-DW3** Lane departure warning system with pilot assist
- LCS4** Side Collision Avoidance Support - passenger and driver side
- DAS-W** Driver Alert Support system
- RSENS-W** Rain sensing windscreen wipers
- CU-ECC** Cab climate Unit - Electrically controlled air conditioning with sun sensor
- CU-ECC2** Cab climate Unit - Electrically controlled air conditioning with a carbon filter, sun, mist, and air quality sensor
- IMMOBIL** Immobiliser
- ALARM-E** Vehicle alarm - Cab plus external sensor for body/trailer
- PHONE-PK** Telephone preparation kit (antenna, antenna attachm. cable incl.)
- ISUNS-BS** Side sun visor - Driver & passenger side
- ISUNS-DS** Side sun visor - Driver-side

Standard Equipment

Optional Equipment

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- ISUNF-B** Interior front sun visor without mirror
- ISUNF-MD** Interior front sun visor with mirror on driver side
- ISUNF-RE** Electrically operated textile interior sun blind
- ISUNF-RM** Manually operated textile interior sun blind
- ADFS** Two extra DIN slots in front shelf - can be fitted with card or drawer available as an accessory
- BUPALARM** Reverse alarm
- RTOLL-PK** Road toll PREPARATION kit for trucks operating with "Toll Collect" in Germany
- REMC-MF** Multi-functio wireless remote control
- FIREXT3S** Fire extinguisher - 3kg mounted on the seat base
- WARNVEST** High visibility warning vest - No sleeves
- AIDKIT** First aid kit - Legal demand for EU markets including delivery to EU bodybuilder
- AIDKIT1B** First aid kit - Legal demand for trucks transiting Germany
- WARNLAMP** Portable warning lamp
- LAMP-IN** Inspection lamp
- BULBKIT** Bulb and fuse kit
- WRITEPAD** Writing pad
- DST-CF4** Driver seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt
- DST-CF5** Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls with integrated seatbelt
- DST-CF6** Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar, heat and ventilation controls with integrated seatbelt
- SBD-RED** Seat belt colour - Red
- SBPRE-DS** Driver seat belt pretensioner
- PST-BAS1** Passenger seat - Fixed non suspended fold up with seatbelt mounted on cab "B" post
- PST-CF4** Passenger seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt
- PST-CF5** Passenger seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls with integrated seatbelt
- PST-STD2** Passenger seat - Fixed with backrest adjustment, non suspended with seatbelt mounted on cab "B" post
- PST-STD4** Passenger seat - Standard suspended with seatbelt mounted on cab "B" post
- SBPRE-PS** Passenger seat belt pretensioner
- ARMRE-BB** Armrests - Two on both driver & passenger seats
- ARMRE-DB** Armrests - Two on the driver seat
- ARMRE-PB** Armrests - Two on the passenger seat
- ARU-BAS** Armrest upholstery - Vinyl
- ARU-LEA** Armrest upholstery - Leather
- FMAT-RUB** Footwell floor mats - Rubber
- FMAT-TX2** Footwell floor mats - Two sets, Rubber and textile with an embossed pile supplied in the cab
- LBK70** Lower bunk - Fixed 700 x 2000 mm
- MATL-FI** Lower mattress - Firm pocket sprung
- MATL-SF** Lower mattress - Flexi-zone semi-firm, pocket springs up to 100kg - 16 stone
- OLMAT-BA** Mattress overlay protector - 35mm thick
- OLMAT-PR** Mattress overlay protector - Premium 50mm thick
- TBK60F** Top bunk - Fixed foldable 600 x 1900mm
- TBK70F** Top bunk - Fixed foldable 700 x 1900mm
- PH-CAB2** Cab parking heater -1.8kW Air to air
- PH-ENGCA** Cab parking heater - Engine and cab
- PH-SS** Cab parking heater - Short stop
- SLCP-BAS** Sleeper control panel - Basic with switches for interior light, night heater, roof hatch and door lock
- ETSB-F** Storage on engine tunnel - Central document box with two rear cup holders
- ETSB-FR** Storage on engine tunnel - Central document box with two rear cup holders & open storage pocket on cab rear wall
- ETSB-R** Storage on engine tunnel - Open storage pocket on cab rear wall
- RUS-BAS** Rear cab upper storage - 300 mm high
- RUS-HIG** Rear cab upper storage - 440 mm high - volume 245 litres
- REF-ICPK** Fridge - Engine tunnel mounted preparation kit
- REFR-RUS** Fridge - 28 litre rear upper wall mounted with dividers
- MICRO-PK** Microwave equipment - Wiring preparation kit for oven
- BOTH-D** Bottle holder - One under dashboard centre section
- COFMA-PK** Coffee maker - Preparation kit.
- INLI-BAS** Interior light - White LEDs
- INLI-NL** Interior light - White and red nightlight LEDs without dimmer
- INLI-NLD** Interior light - White and red nightlight LEDs with dimmer
- ARL-FLEX** Flexible reading lamps - Two "snake" type
- RH-EE** Fixed tinted glass sky window with emergency exit
- RH-ER** Steel roof hatch - Electrically operated, rear opening with emergency exit
- RH-ETR** Tinted glass roof hatch - Electrically operated, rear opening with emergency exit
- RH-MTR** Tinted glass roof hatch - Manually operated, rear opening with emergency exit
- GLAS-TIN** Cab windows - Tinted
- SWIND-BS** Cab side window - On both sides behind 'B' post
- SWIND-PS** Cab side window - Left side behind 'B' post
- AWIND-RF** Rear window
- VANMIR** Vanity mirror - In front shelf
- AS-FUS** Extra shelf in front compartments
- 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. Aluminium step inserts. Sunvisor and bumper spoiler in cab colour if specified.
- EXTL-BAS** 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
- 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
- CTILTP-E** Electrically operated hydraulic cab tilt
- CTILTP-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
- MIRCFPCS** Mirrors - Electrically heated and operated main and wide-angle with manually adjusted passenger kerb and front mirror and position camera in nearside mirror arm
- MIRCFCPX** Mirrors - Electrically heated and operated FMX main and wide-angle with manually adjusted passenger kerb and front mirror and position camera in nearside mirror arm. To increase direct vision to the side the main mirrors have no cowlings

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 8x4 Rigid - B/T Ride - N3 or N3G FM 84RF 3L

- MIRCMCP** Camera monitoring and mirrors - Electrically heated and operated main and wide-angle rear view cameras with manually adjusted passenger kerb and front mirror and passenger corner pedestrian camera.
- MIRCMS** Camera monitoring and mirrors - Electrically heated and operated main and wide-angle rear view cameras with manually adjusted passenger kerb and front mirror
- MIRCOMF** Mirrors - Electrically heated and operated main and wide angle and manually adjusted passenger kerb and front mirror
- MIRCOMFX** Mirrors - Electrically heated and operated FMX main and wide angle and manually adjusted passenger kerb and front 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-LED** Headlights - LED
- HL-CLEAN** Headlight cleaner - Washer jets
- HLP-ST** Headlight protection
- DRIVL2** Two spot lamps
- UDRIVL** Auxiliary driving lights - Without
- FOGL-WC** Front fog lights
- CL-STAT** Static corner lights
- ASL-RF2** Integrated roof spotlights - Two LED aerodynamic spot lights 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** Cab sign logo - FH "Globetrotter" or FH16 "Power"
- 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.
- 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
- ACCB-R-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
- WLC-H2A** Working lamp back of cab - Two amber LED high mounted
- WLC-H2W** Working lamp back of cab - Two white LED high mounted at 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** Bodybuilder module - High level body electrical centre in dash input/output module
- ECBB-MED** Bodybuilder module - Medium level body electrical centre in dash input/output module
- 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-B5** 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
- 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

SUPERSTRUCTURE PREPARATIONS

- 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

Standard Equipment Optional Equipment

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For mobile phone, tablet, with android and IOS systems.
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