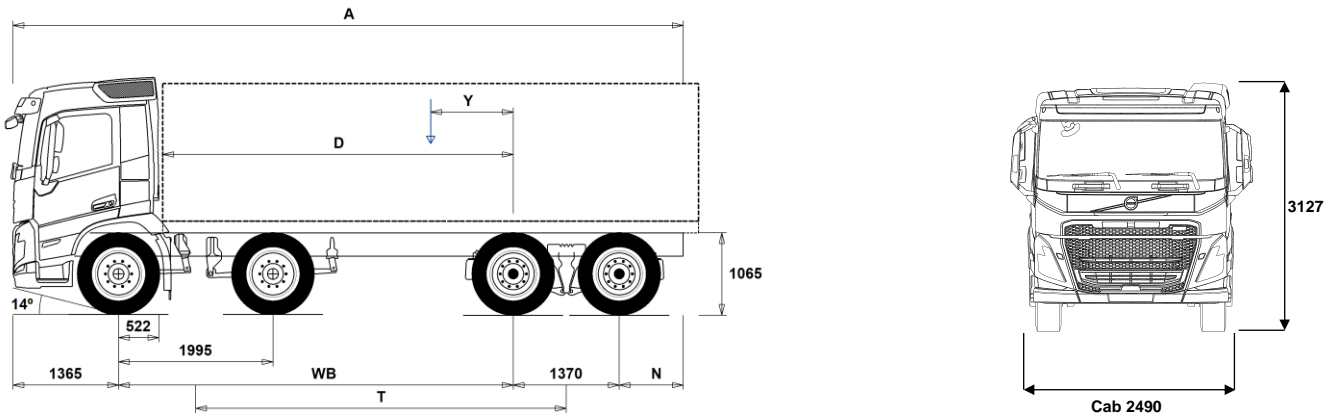


# MODEL RANGE



Volvo Trucks. Driving Progress

NEW 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               | 8660 | 9160 | 9560 | 9960 |
| D Center of rear axle to front of body | 4528 | 5028 | 5428 | 5828 |
| N Rear Overhang (Min.)                 | 1225 | 1225 | 1225 | 1225 |
| N Rear Overhang (Max.)                 | 825  | 825  | 825  | 825  |
| T Theoretical Wheelbase                | 4788 | 5288 | 5688 | 6088 |
| Y Center of Gravity for Payload (Min.) | 668  | 819  | 938  | 1051 |
| Y Center of Gravity for Payload (Max.) | 1301 | 1518 | 1693 | 1859 |

## Chassis Weights [kg]

|  |       |       |       |       |
|--|-------|-------|-------|-------|
| Front Axles                                  | 6580  | 6550  | 6545  | 6555  |
| Rear Bogie                                   | 2710  | 2780  | 2840  | 2850  |
| Kerb Weight                                  | 9290  | 9330  | 9385  | 9405  |
| Payload (including body, driver, fuel, etc.) | 22710 | 22670 | 22615 | 22595 |

## 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: +374 mm for CAB-HSLP, -204 mm for CAB-LDAY, -204 mm for CAB-LSLP, +4 mm for CAB-SLP.  
 Front Axle to Back of Cab: +424 mm for CAB-HSLP and CAB-SLP, -69 mm for CAB-LDAY, +418 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  $\pm 20$  mm for leaf and  $\pm 10$  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  $\pm 3\%$ .**

Turning diameters are theoretically calculated.

Legal weights can differ from country to country.

For more detailed weight information, including optional equipment weights, ask your Volvo sales contact to enter your specification into the Volvo Weight Information system (WIS).

Do NOT use this drawing for bodybuilding. Refer to Volvo Bodybuilder Instructions and chassis assembly drawing FM84RF3A.

# MODEL RANGE

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

### TRUCK USE

- RC-ROUGH** Road conditions - On / off-road
- RC-SMOOT** 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
- CHH-MED** Chassis Height - Medium - for loading heights check the unique BEP chassis drawing
- CHH-XHIG** Chassis Height - X-High - for loading heights check the unique BEP chassis drawing
- 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
- **EU6SCR** Emission level - Euro VI step D
- D13 420S** Engine - D13K420 12.8 litre developing 420hp at 14-1800rpm.  
Peak torque 2100Nm at 860-1400rpm.
- D13 460S** Engine - D13K460 12.8 litre developing 460hp at 14-1800rpm.  
Peak torque 2300Nm at 900-1400rpm.
- D13 500S** Engine - 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
- **AT2612F** Gearbox - AT2612F 12-speed "I-shift" automated mechanical suitable for gross train weights up to 60tonne only.  
Refer to sales engineering when used in conjunction with a PTO
- ATO2612F** Gearbox - ATO2612F 12-speed "I-shift" overdrive automated mechanical, suitable for gross train weights up to 60tonne.  
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  
CONTACT VOLVO SALES ENGINEERING to check lift capability

- 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

- FUELPACK** Long Haul Fuel Economy driving package
- DRIVE5** Drive Package
- DRIVE5+** Drive + Package
- DRIVE5++** Drive ++ Package
- 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 & Dynafleet Support
- VISI5** Visibility Package
- VISI5+** Visibility plus Package
- SAFE-VE** Active Safety Package
- SAFE-VE+** Active 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
- **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
- 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

- 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).

The factory reserves the right to modify design and change equipment without previous notification. The specification can vary from country to country.

# MODEL RANGE

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

- 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
- EBS-MED** Brake package - EBS medium including "hill" hold function
- AUXPARK** Auxiliary parking brake - Additional spring brakes
- SUSPL-EC** Remote electronic control on wander-lead for air suspension levelling
- FRAME300** Chassis frame section external height - 300 mm
- FST8080** Chassis frame thickness - 8 mm web and flange
- FIL-EEEE** 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-FBEB** Chassis frame inner liner - Over the rear bogie
- FIL-FBEF** Chassis frame inner liner - From the front of bogie to the 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
- BBOX-L** Battery box position - Left hand side
- 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 - Charge indicator
- 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
- UR-FUEL** Without right-hand fuel tank  
Min volume 255l  
Max volume 810l
- UL-FUEL** Without left fuel tank  
Min volume 160l  
Max volume 450l
- ADTP-L** AdBlue tank position - Chassis mounted on the left-hand side
- ADTP-LF** AdBlue tank position - Chassis mounted on the left-hand side between axle 1 and 2
- ADTP-R** AdBlue tank position - Chassis mounted on the right-hand side
- ADB032** Plastic AdBlue tank - 32 litres
- ADB048** Plastic AdBlue tank - 48 litre
- ADB064** Plastic AdBlue tank - 64 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
- WHC-FIX2** Wheel chocks - Two fixed design
- WHC-FOL2** Two foldable wheel chocks
- WHCP-F** Wheel chock carrier position - In the front 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-L80** Toolbox 800 mm, left side
- TB-R80** Toolbox 800 mm, right side
- SUP-BAS** EC approved chassis side guards
- 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
- TOWMBRH1** Towing member, high mounted in centre of frame, D = 190
- TOWMBRL1** Towing member, low mounted under the frame
- TOWMBRM** Towing member, medium mounted in line with frame lower flange
- RFEC-S** Rear frame profile - Straight cut
- RFEC-U** Rear frame profile - Slight uppercut for tipper
- C-RI4040** Towing coupling, Ringfeder 4040 G-150
- C-RI5055** Towing coupling, Ringfeder 5055 G-150
- C-RO400G** Towing coupling, Rockinger 400 G-150 for 40mm eyes
- C-RO50** Rockinger RO 50 50mm for centre axle trailer
- C-VBG750** VBG 750 coupling (centre axle trailer)  
Contact VBG on 01925 234111 to validate the coupling rating for the application
- 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** Duomatic type air line connectors
- TBC-EC** Trailer brakes with 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
- FFEND-B** Standard mounted mud wings on second front axle
- FFEND-T** Transport mounted mud wings on second front axle
- RFEND-B** Three piece EC approved rear mud wings 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

### WHEELS & TYRES

- 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
- RT-SPOKE** Spoke rims on all axles
- RT-STEEL** Wheels - Steel rims
- WCAP** Aerodynamic hub caps
- SPWT-D** Spare wheel & tyre with rear tyre pattern
- SPWT-F** Spare wheel & tyre with front tyre pattern
- SWCP-LF** Spare wheel carrier on left side of chassis ahead of rear axle
- SWCP-T** Spare wheel supplied temporarily strapped to chassis

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).

The factory reserves the right to modify design and change equipment without previous notification. The specification can vary from country to country.

# MODEL RANGE

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

- SWCP-TP** Temporary spare wheel carrier on top of chassis frame
  - JACK-12T** 12 tonne bottle jack
  - JACK-15T** 15 tonne bottle jack
  - JACK-20T** 20 tonne bottle jack
  - **TOOL-BAS** Basic Toolkit
  - TOOLKIT** Complete tool kit
  - INFLAHOS** Tyre inflation hose
  - GAUGE-TP** Tyre pressure gauge
- ### DRIVELINE EQUIPMENT
- TRAP-HD** Reinforced gearbox application
  - **DRM-BE** Balanced & Economy Drive Mode
  - DRM-E** Economy Drive Mode
  - PVT-MAP** I-See Predictive Cruise Control - using map based topography information
  - CRUIS-E** Eco cruise control (with eco-roll and I-cruise, controls in steering wheel)
  - CRUIS-E4** Eco fleet software - with cruise speed 85, I-See and push button I-shift.
  - **CRUISEC** Cruise control, standard
  - 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 - for 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
  - 2COM1100** Air compressor - Two-cylinder 1100 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
  - **24AL110B** Alternator capacity - 110 amp
  - **24AL120B** Alternator capacity - 120 amp alternator
  - **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** Parker F1-101 gearbox mounted, fixed displacement, single flow, hydraulic pump
  - HPG-F41** Parker F1-41 gearbox mounted, fixed displacement, single flow, hydraulic pump
  - HPG-F51** Parker F1-51 gearbox mounted, fixed displacement, single flow, hydraulic pump
  - HPG-F61** Parker F1-61 gearbox mounted, fixed displacement, single flow, hydraulic pump
  - HPG-F81** Parker F1-81 gearbox mounted, fixed displacement, single flow, hydraulic pump
  - **STWPOS-R** Steering wheel position - RIGHT-HAND DRIVE
  - STWM-LE** Leather steering wheel
  - STGW-AD2** Adjustable steering wheel with neck tilt
  - **STGW-ADJ** Adjustable steering wheel
  - **AIRBAG** SRS Driver's air bag
  - INST-BAS** Basic level instruments
  - **DRC-AMII** DPF Regeneration control switch - for manual and switching off regeneration
  - **1DAYDIG2** Tachograph - Continental VDO 4.0
  - ARSL** Additional road speed limit - switch in dashboard
  - ESP-BAS1** Electronic Stability Control
  - ESPC-RO** ESP (Electronic Stability Program) functionality control - Reduced / Off
  - HWSS-ACB** Adaptive cruise control ACC with forward collision warning and AEBS advanced emergency brake system
  - HWSS-FCB** Forward collision warning with AEBS advanced emergency brake system
  - LSS-DW** Lane departure-warning system
  - LCS** Lane change support
  - 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
  - **CU-MCC** Cab Climate Unit - Manual air conditioning

■ 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).

The factory reserves the right to modify design and change equipment without previous notification. The specification can vary from country to country.

# MODEL RANGE

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

- **IMMOBIL** Thatcham H2 approved immobiliser
- **ALARM-E** Enhanced vehicle alarm - Thatcham H1 approved - Cab plus external sensor for body/trailer
- **ALCOLOCK** Alcolock
- **BUPMON** Back up monitor - Digital reverse camera, parameter & lead supplied loose in cab.
- **PHONE-PK** Telephone preparation kit (antenna, antenna attachm. cable incl.)
- **WLIFT-EB** Electrical window lift
- **WLIFT-ME** Mechanical window lift
- **ISUNS-BS** Side sun visor - Driver & passenger side
- **ISUNS-DS** Side sun visor - Driver-side
- **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
- **CSPU-S** One open storage (behind push open lid) in upper part of dash panel center section
- **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
- **LOADIND** Load indicator with central dashboard display
- **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 - seatbelt mounted to the seat
- **DST-CF5** Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls - seatbelt mounted to the seat
- **DST-CF6** Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar, heat and ventilation controls - seatbelt mounted to the seat
- **SBD-RED** Seat belt colour - Red
- **SBPRE-DS** Driver seat belt pretensioner
- **PST-BAS1** Passenger seat - Fixed non suspended fold up with seatbelt mounted in cab
- **PST-BENC** Passenger seat - Two-person bench
- **PST-CF4** Passenger seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls - seatbelt mounted to the seat
- **PST-CF5** Passenger seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls - seatbelt mounted to the seat
- **PST-STD2** Passenger seat - Fixed with backrest adjustment, non suspended with seatbelt mounted in cab
- **PST-STD4** Passenger seat - Standard suspended with seatbelt mounted in cab
- **SBPRE-PS** Passenger seat belt pretensioner
- **ARM-DBPS** Armrests - Two on the driver and one - outer - on the passenger seat
- **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
- **ARMRE-PS** Armrest - Single 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 700 x2000 mm, fixed
- **MATL-FI** Firm lower bunk pocket sprung mattress
- **MATL-SF** Lower flexizone mattress - semi-firm, pocket springs up to 100kg - 16 stone
- **OLMAT-BA** 35mm mattress overlay protector
- **OLMAT-PR** 50mm premium mattress overlay protector
- **TBK60F** Fixed foldable top bunk 600 x 1900mm
- **TBK70F** Fixed foldable top bunk 700 x 1900mm
- **PH-CAB2** 1.8kW Air to air night heater
- **PH-ENGCA** Engine and cab night heater
- **PH-SS** Short stop heater
- **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** Wiring preparation kit for microwave oven
- **BOTH-D** One bottle holder under dashboard centre section
- **COFMA-PK** Coffee maker, preparation kit.
- **INLI-BAS** Interior white LED lights - basic
- **INLI-NL** Interior white and red night LED light with no dimmer
- **INLI-NLD** Interior white and red night LED light with dimmer
- **ARL-FLEX** Two flexible reading lamps (snake lamps)
- **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** Tinted windows.
- **SWIND-BS** Extra side window on both sides behind "B" pillar
- **SWIND-PS** Cab side window - Left side rear behind 'B' post
- **AWIND-RF** Rear window
- **VANMIR** Vanity mirror in front shelf
- **AS-FUS** Extra shelf in front upper storage compartments
- **INFOT-PK** Preparation kit for the mounting of a flat screen TV in cab 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).

The factory reserves the right to modify design and change equipment without previous notification. The specification can vary from country to country.

# MODEL RANGE

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

|  |   |   |  |
|--|---|---|--|
| <input checked="" type="checkbox"/> <b>EXTL-BAS</b>  | Aluminium step inserts. Sunvisor and bumper spoiler in cab colour if specified.<br>Basic exterior finish - Satin Volvo badges, grey grille, instep, bumper, bumper spoiler, grille, door handles mirror housing and sunvisor if specified.              | <input type="checkbox"/> <b>SPOTP-RF</b>            | Spotlamp preparation on cab roof and in cab front, max 2x280W                              |
| <input checked="" type="checkbox"/> <b>DGLAS-H</b>   | Tempered door glass   | <input type="checkbox"/> <b>ROS-IL2</b>             | Preparation kit for illuminated roof sign with switch loose in cab, fit after registration |
| <input type="checkbox"/> <b>DGLAS-L</b>              | Laminated door glass  | <input type="checkbox"/> <b>CSGN-GTR</b>            | "Globetrotter" headboard logo  |
| <input checked="" type="checkbox"/> <b>LOCK-CTL</b>  | Door locks - Central locking with key   | <input checked="" type="checkbox"/> <b>HORN-F1S</b> | Horn - Air single tone - chassis mounted   |
| <input type="checkbox"/> <b>LOCK-REM</b>             | Door locks - Remote central locking   | <input type="checkbox"/> <b>HORN-R2S</b>            | Horn - Air - Two roof-mounted  |
| <input type="checkbox"/> <b>BUMP-B</b>               | Plastic front bumper  | <input type="checkbox"/> <b>ANT-CBR</b>             | Roof mounted antenna for CB radio, single aerial   |
| <input checked="" type="checkbox"/> <b>BUMP-B2</b>   | Steel front bumper  | <input type="checkbox"/> <b>ACCBR-AP</b>            | Front, middle & rear roof mounted accessory brackets                                       |
| <input type="checkbox"/> <b>BUMP-SP</b>              | Front bumper spoiler  | <input type="checkbox"/> <b>ACCBR-F</b>             | Front roof mounted accessory bracket   |
| <input type="checkbox"/> <b>GUARD-EH</b>             | Engine guard to protect sump and engine hoses   | <input type="checkbox"/> <b>ACCBR-FM</b>            | Front & middle roof mounted accessory brackets   |
| <input checked="" type="checkbox"/> <b>BUGNET</b>    | Insect screen in front of radiator  | <input type="checkbox"/> <b>ACCBR-FR</b>            | Front & rear roof mounted accessory brackets   |
| <input type="checkbox"/> <b>CTILT-P-E</b>            | Electrically operated hydraulic cab tilt  | <input type="checkbox"/> <b>ACCBR-M</b>             | Middle roof mounted accessory bracket  |
| <input checked="" type="checkbox"/> <b>CTILT-P-M</b> | Manually operated hydraulic cab tilt  | <input type="checkbox"/> <b>ACCBR-R</b>             | Rear roof mounted accessory bracket  |
| <input type="checkbox"/> <b>FCABS-A</b>              | Front cab suspension - Air  | <input type="checkbox"/> <b>ACCBR-RM</b>            | Rear & middle roof mounted accessory brackets  |
| <input checked="" type="checkbox"/> <b>FCABS-M</b>   | Front cab suspension - Mechanical spring  | <input type="checkbox"/> <b>REFS-TW</b>             | White cab conspicuity markings by packed in cab  |
| <input type="checkbox"/> <b>RCABS-A</b>              | Rear cab suspension - Air   | <input type="checkbox"/> <b>REFS-TY</b>             | Yellow cab conspicuity markings by packed in cab   |
| <input checked="" type="checkbox"/> <b>RCABS-M</b>   | Rear cab suspension - Mechanical spring   |   |  |
| <input type="checkbox"/> <b>MIRFCPCS</b>             | 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.  |   |  |
| <input type="checkbox"/> <b>MIRFCPCX</b>             | 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 |   |  |
| <input type="checkbox"/> <b>MIRCOMF</b>              | Electrically heated and operated main and wide angle mirrors and manually adjusted kerb view mirror on passenger side   |   |  |
| <input type="checkbox"/> <b>MIRCOMFX</b>             | 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  |   |  |
| <input checked="" type="checkbox"/> <b>MIRSTD</b>    | Electrically heated main and wide angle mirrors and manually adjusted kerb view mirror on passenger side  |   |  |
| <input type="checkbox"/> <b>MIRSTDX2</b>             | Electrically heated -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   |   |  |
| <input checked="" type="checkbox"/> <b>AMIR-F20</b>  | Auxiliary front view mirror with a 200mm radius   |   |  |
| <input type="checkbox"/> <b>SUNV-H</b>               | External smoke grey sunvisor  |   |  |
| <input type="checkbox"/> <b>AD-ROOF</b>              | Roof air deflector  |   |  |
| <input type="checkbox"/> <b>AD-SIDES</b>             | Short cab side air deflector for rigid bodywork   |   |  |
| <input checked="" type="checkbox"/> <b>HL-BASIC</b>  | Halogen H7 head lamps   |   |  |
| <input type="checkbox"/> <b>HL-CLEAN</b>             | Head lamp cleaner - washer jets   |   |  |
| <input type="checkbox"/> <b>HLP-ST</b>               | Headlamp protection   |   |  |
| <input type="checkbox"/> <b>HL-ADJ</b>               | Headlight adjustment - Switch in cab  |   |  |
| <input type="checkbox"/> <b>DRIVL2</b>               | Two spot lamps  |   |  |
| <input checked="" type="checkbox"/> <b>UDRIVL</b>    | Without auxiliary driving lights  |   |  |
| <input checked="" type="checkbox"/> <b>FOGL-WC</b>   | Front fog lights  |   |  |
| <input type="checkbox"/> <b>CL-STAT</b>              | Static corner lights  |   |  |
| <input type="checkbox"/> <b>ASL-RF2</b>              | Two Hella H11 70W spotlamps in sign box - only available with the basic headlight and no lower driving lights.  |   |  |
| <input type="checkbox"/> <b>BEACOA2F</b>             | Roof beacons - Two front roof mounted amber LED   |   |  |
| <input type="checkbox"/> <b>BEACOA2R</b>             | Roof beacons - Two rear roof mounted amber LED  |   |  |
| <input type="checkbox"/> <b>BEACON-P</b>             | Roof beacons - wiring preparation only  |   |  |
| <input type="checkbox"/> <b>BEACONA4</b>             | Roof beacons - Four amber LED - two front/ two rear   |   |  |
| <input type="checkbox"/> <b>CABPT-R1</b>             | Single outlet for roof mounted accessories  |   |  |
| <input checked="" type="checkbox"/> <b>CABPT-R2</b>  | Twin outlets for roof mounted accessories.  |   |  |
| <input type="checkbox"/> <b>SPOTP-F</b>              | Spotlamp preparation in front, max 280W   |   |  |
| <input type="checkbox"/> <b>SPOTP-R</b>              | Spotlamp preparation on roof, max 280W  |   |  |

### SUPERSTRUCTURE PREPARATIONS

|   |   |
|---|---|
| <input type="checkbox"/> <b>SRWL-PK</b>             | Chassis-mounted working lamps - Side work and reverse lamp preparation and 3 position switch - Max load 280W  |
| <input type="checkbox"/> <b>SWL-2FW</b>             | Chassis-mounted working lamps - Two white front-mounted LED lamps   |
| <input type="checkbox"/> <b>SWL-2RW</b>             | Chassis-mounted working lamps - Two white rear-mounted LED lamps  |
| <input type="checkbox"/> <b>SWL-4W</b>              | Chassis-mounted working lamps - Four white front and rear-mounted LED lamps   |
| <input type="checkbox"/> <b>SWL-PK</b>              | Chassis-mounted working lamps - Side work lamp preparation and 2 position switch - Max load 280W  |
| <input type="checkbox"/> <b>WLC-H2A</b>             | Two H3/70W working lamps with amber coloured lens high mounted back of cab  |
| <input type="checkbox"/> <b>WLC-H2W</b>             | Two H3/70W white working lamps high mounted on the back of cab  |
| <input type="checkbox"/> <b>WLC-PKCH</b>            | Working lamp back of cab - Preparation kit - cables and switch  |
| <input type="checkbox"/> <b>WLC-PKH</b>             | Preparation kit, cables and switch for high mounted working lamps back of cab   |
| <input type="checkbox"/> <b>WLC-PKL</b>             | Preparation kit, cables and switch for low mounted working lamps back of cab  |
| <input type="checkbox"/> <b>WLC-PKLH</b>            | Preparation kit - cables and switch for low and high mounted working lamps back of cab.   |
| <input checked="" type="checkbox"/> <b>ECBB-HIG</b> | Body builder electrical centre with body builder module   |
| <input type="checkbox"/> <b>BBCHAS1</b>             | One 7-pole connector for Body builder interface   |
| <input type="checkbox"/> <b>BBCHAS3</b>             | Three 7-pole connectors for Body builder interface  |
| <input type="checkbox"/> <b>BEPR-T2</b>             | Body builder electrical software preparation for tipper with remote control   |
| <input type="checkbox"/> <b>EXSTER</b>              | External steering control - Volvo dynamic steering and bodybuilder module prepared for external control system, installed and computer by bodybuilder |
| <input type="checkbox"/> <b>TD-BAS</b>              | Trailer detection WITHOUT LED sensing   |
| <input checked="" type="checkbox"/> <b>TD-LED</b>   | Trailer detection with LED sensing  |
| <input type="checkbox"/> <b>FRFS-BS</b>             | Frame rail free space on both sides to give space for crane legs or other equipment.  |
| <input type="checkbox"/> <b>FBA-BTF</b>             | Lower front body attachments for torsionally flexible - platform body   |
| <input type="checkbox"/> <b>FBA-BTSF</b>            | Lower front body attachments for torsionally semi-flexible body - box or curtainsider   |
| <input type="checkbox"/> <b>HBA-FSFB</b>            | Holes for body attachments - flexible/semi-flexible body  |
| <input type="checkbox"/> <b>HBA-SB</b>              | Holes for body attachments - stiff body   |
| <input type="checkbox"/> <b>RBA-T2</b>              | Lower rear body attachments for helper frame  |
| <input type="checkbox"/> <b>CRANEPK1</b>            | Crane plates mounted to frame, for cranes up to 10 tonne metre capacity   |
| <input type="checkbox"/> <b>CRANEPK2</b>            | Crane plates mounted to frame, for cranes up to 20 tonne metre capacity   |
| <input type="checkbox"/> <b>CRANEPK4</b>            | Crane plates mounted to frame, for cranes up to 40 tonne metre capacity   |

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).

The factory reserves the right to modify design and change equipment without previous notification. The specification can vary from country to country.

# MODEL RANGE

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

---

- **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
- **DRUT2** Driver utility app - "My Truck" - two-year subscription  
For mobile phone, tablet, with android and IOS systems.  
Only available with Volvo Connect subscription

**VOLVO**

Volvo Truck Corporation  
volvotrucks.com