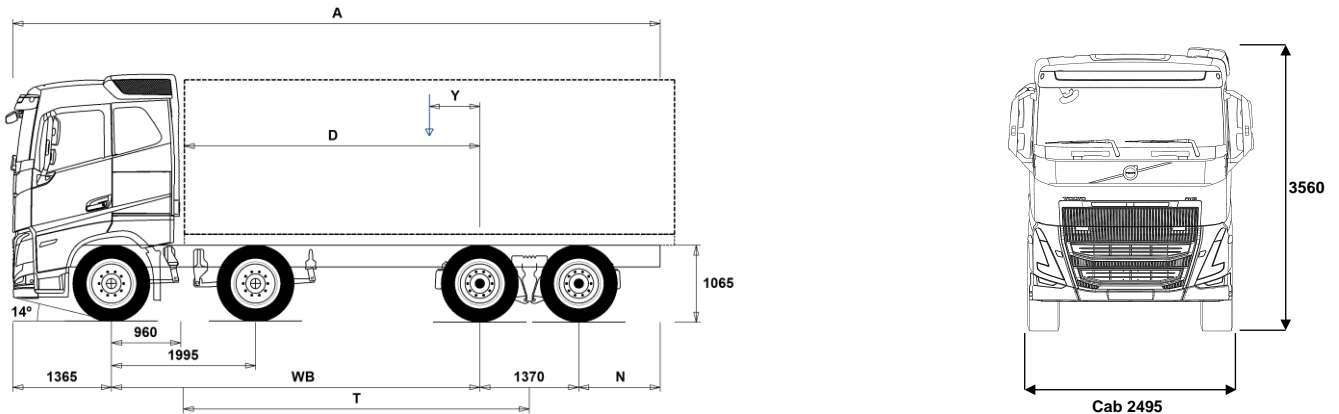


MODEL RANGE



Volvo Trucks. Driving Progress

NEW FH 16 8x4 Rigid - Rear Air Suspension - N3 or N3G FH 84RF 6A



Chassis Dimensions [mm]

WB Wheelbase	5100	5600	6000	6400
A Overall Chassis Length	8960	9460	9860	10260
D Center of rear axle to front of body	4090	4590	4990	5390
N Rear Overhang (Min.)	1225	1225	1225	1225
N Rear Overhang (Max.)	1125	1125	1125	1125
T Theoretical Wheelbase	4788	5288	5688	6088
Y Center of Gravity for Payload (Min.)	507	637	737	842
Y Center of Gravity for Payload (Max.)	1163	1362	1518	1681

Chassis Weights [kg]

Front Axles	7550	7540	7540	7540
Rear Bogie	2540	2595	2605	2685
Kerb Weight	10090	10135	10145	10225
Payload (including body, driver, fuel, etc.)	21910	21865	21855	21775

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	20600	22200	23500	24800
Turning Circle Diameter Wall to Wall	22000	23600	24800	26100

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: +305 mm for CAB-HSLP, -283 mm for CAB-LSLP, +450 mm for CAB-XHSL.

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 $\pm 3\%$.

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 FH84RF6A.

MODEL RANGE

NEW FH 16 8x4 Rigid - Rear Air Suspension - N3 or N3G FH 84RF 6A

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
- RADD-GR** RADD-GR - 6x4/8x4 Air - High
- FH16HSL5** Globetrotter cab - all steel safety cage design with roof mounted emergency escape hatch. Designed and built to Swedish impact and ECE R29 regulations
- FH16LSL5** Low Sleeper Cab
- FH16SLP5** Cab - Sleeper - all-steel safety cage design with roof-mounted emergency escape hatch. Designed and built to Swedish impact and ECE R29 regulations
- FH16XHS5** Globetrotter XL cab - all steel safety cage design with roof mounted emergency escape hatch. Designed and built to Swedish impact and ECE R29 regulations
- EU6DS** Euro 6 SCR, particulate filter, EGR and dual stage turbo
- D16K550** Engine - D16K550 16 litre developing 550hp at 1550-1900rpm SCR & EGR. Peak torque 2900Nm at 900-1350rpm. 2800Nm at 900-1400rpm with manual gearbox
- D16K650** Engine - D16K650 16 litre developing 650hp at 1450-1900rpm SCR & EGR. Peak torque 3150Nm at 950-1450rpm.
- D16K750** Engine - D16K750 16 litre developing 750hp at 1600-1800rpm SCR & EGR. Peak torque 3550Nm at 950-1400rpm.
- EBR-EPG** Engine Brake Type - Exhaust brake controlled by steering column switch
- EBR-VEB+** Engine Brake Type - Volvo engine brake + and exhaust pressure governor, enhanced performance from additional exhaust rocker control. Retardation 375kW
- AT2812F** Gearbox - AT2812E 12-speed "I-shift" automated mechanical suitable for gross train weights up to 60 tonne. Refer to sales engineering when used in conjunction with a PTO
- ATO3112F** Gearbox - ATO3112F 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
- ATO3512F** ATO3512F 12-speed "I-shift" automated mechanical, suitable for gross train weights up to 60 tonne. Refer to sales engineering when used in conjunction with a PTO
- 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

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.

- 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
- DRIVE16** Drive + Package
- 1LIVING** Sleep & Resting Package - Living one-bed
- 1LIVING+** Sleep & Resting Package - Living one-bed +
- 2LIVING** Sleep & Resting Package - Living two-bed
- 2LIVING+** 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
- VISI5++** Visibility ++ Package
- VISIC5** Visibility Package
- VISIC5+** Visibility plus Package
- SAFE-VE** Active Safety Package
- SAFE-VE+** Active Safety + Package
- CHASPAC** Chassis Package Rigid
- 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
- ACTST-TO** Active Steering- Volvo Dynamic Steering - VDS - with extra electronic pump and torque overlay
- ASFE-BAS** Active steering feature - Basic - Volvo Dynamic Steering - VDS - only
- ASFE-OG** Active steering feature - Volvo Dynamic Steering - VDS - with stability assist - oversteer
- ASFE-PO** Active steering feature - Volvo Dynamic Steering - VDS - with personal settings and stability assist
- ASFE-PS** Active steering feature - Volvo Dynamic Steering - VDS - with personal settings
- PSS-DUAL** Power steering system - Dual
- PSP-VAR** Power steering pump - Variable displacement

MODEL RANGE

NEW FH 16 8x4 Rigid - Rear Air Suspension - N3 or N3G FH 84RF 6A

- **EBS-MED** Brake package - EBS medium including "hill" hold function
- **AUXPARK** Auxiliary parking brake - Additional spring brakes
- **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
- **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-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
- **TOWMBRH** 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
- **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
- 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
- **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
- **PVT-MAP** I-See Predictive Cruise Control - using map based topography information

■ Standard Equipment

□ Optional Equipment

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MODEL RANGE

NEW FH 16 8x4 Rigid - Rear Air Suspension - N3 or N3G FH 84RF 6A

<input type="checkbox"/> CRUIS-E	Eco cruise control (with eco-roll and I-cruise, controls in steering wheel)	<input type="checkbox"/> HPG-F41	Parker F1-41 gearbox mounted, fixed displacement, single flow, hydraulic pump
<input checked="" type="checkbox"/> CRUISEC	Cruise control, standard	<input type="checkbox"/> HPG-F51	Parker F1-51 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-F61	Parker F1-61 gearbox mounted, fixed displacement, single flow, hydraulic pump
<input type="checkbox"/> AVO-ENH	I-Shift application software - for construction and off road applications	<input type="checkbox"/> HPG-F81	Parker F1-81 gearbox mounted, fixed displacement, single flow, hydraulic pump
<input type="checkbox"/> APF-ENH	I-shift enhanced PTO functions	<input checked="" type="checkbox"/> STWPOS-R	Steering wheel position - RIGHT-HAND DRIVE
<input type="checkbox"/> RET-TH	Gearbox mounted retarder	<input checked="" type="checkbox"/> STWM-LE	Leather steering wheel
<input type="checkbox"/> TC-MAOH2	Extra high performance transmission oil cooler - air to oil with front mounted radiator	<input type="checkbox"/> STGW-AD2	Adjustable steering wheel with neck tilt
<input type="checkbox"/> TC-MWO	Basic transmission oil cooler - water to oil	<input checked="" type="checkbox"/> STGW-ADJ	Adjustable steering wheel
<input type="checkbox"/> 2COM1100	Air compressor - Two-cylinder 1100 litres per minute	<input checked="" type="checkbox"/> AIRBAG	SRS Driver's air bag
<input checked="" type="checkbox"/> 2COMP900	Air compressor - Two-cylinder 900 litres per minute	<input type="checkbox"/> INST-BAS	Basic level instruments
<input type="checkbox"/> CLU-AIRC	Clutchable air compressor	<input checked="" type="checkbox"/> DRC-AMII	DPF Regeneration control switch - for manual and switching off regeneration
<input type="checkbox"/> AIRIN-FR	Front air intake fitted to the underside of cab engine tunnel	<input checked="" type="checkbox"/> 1DAYDIG2	Tachograph - Continental VDO 4.0
<input checked="" type="checkbox"/> AIRIN-HI	Air intake - Roof-mounted behind cab on the left-hand side	<input type="checkbox"/> ARSL	Additional road speed limit - switch in dashboard
<input type="checkbox"/> AIRIN-LO	Low level air intake behind cab on left hand side	<input type="checkbox"/> ESP-BAS1	Electronic Stability Control
<input type="checkbox"/> ACL1ST-S	Air filter - two-stage element	<input type="checkbox"/> ESPC-RO	ESP (Electronic Stability Program) functionality control - Reduced / Off
<input checked="" type="checkbox"/> 24AL120B	Alternator capacity - 120 amp alternator	<input type="checkbox"/> HWSS-ACB	Adaptive cruise control ACC with forward collision warning and AEBS advanced emergency brake system
<input checked="" type="checkbox"/> 24AL150B	Alternator capacity - 150 amp	<input type="checkbox"/> HWSS-FCB	Forward collision warning with AEBS advanced emergency brake system
<input type="checkbox"/> CCV-C	Closed crankcase engine ventilation	<input type="checkbox"/> LSS-DW	Lane departure-warning system
<input checked="" type="checkbox"/> CCV-OX	Closed crankcase ventilation for cold markets	<input type="checkbox"/> LCS	Lane change support
<input checked="" type="checkbox"/> PRIM-EL	Electrical priming pump	<input type="checkbox"/> DAS-W	Driver Alert Support system
<input type="checkbox"/> AF-R	Hot fuel recirculation heated fuel filter	<input type="checkbox"/> RSENS-W	Rain sensing windscreen wipers
<input checked="" type="checkbox"/> FUEFE2SW	Small engine mounted dual fuel filter with water separator	<input checked="" type="checkbox"/> CU-ECC	Cab Climate Unit - Electrically controlled air conditioning with sun sensor
<input type="checkbox"/> EST-AID	Engine starting aid -Preheating element in the air inlet manifold	<input type="checkbox"/> CU-ECC2	Cab Climate Unit - Electrically controlled air conditioning with a carbon filter, sun, mist, and air quality sensor
<input type="checkbox"/> 220EBH15	220V/1.5Kw electric engine block heater	<input checked="" type="checkbox"/> IMMOBIL	Thatcham H2 approved immobiliser
<input type="checkbox"/> PTER-100	Engine power-take-off - Rear-mounted with DIN100/ISO7646 flange	<input type="checkbox"/> ALARM-E	Enhanced vehicle alarm - Thatcham H1 approved - Cab plus external sensor for body/trailer
<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"/> ALCOLOCK	Alcolock
<input type="checkbox"/> PTER1400	Engine power-take-off - Rear-mounted with SAE 1410 flange	<input type="checkbox"/> AMPL400	Radio amplifier, 8 channel, 400 W with subwoofer Located in right hand external storage box
<input type="checkbox"/> HPE-F101	Parker F1-101, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump	<input type="checkbox"/> BUPMON	Back up monitor - Digital reverse camera, parameter & lead supplied loose in cab.
<input type="checkbox"/> HPE-F41	Parker F1-41, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump	<input type="checkbox"/> PHONE-PK	Telephone preparation kit (antenna, antenna attachm. cable incl.)
<input type="checkbox"/> HPE-F51	Parker F1-51, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump	<input type="checkbox"/> ISUNS-BS	Side sun visor - Driver & passenger side
<input type="checkbox"/> HPE-F61	Parker F1-61, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump	<input checked="" type="checkbox"/> ISUNS-DS	Side sun visor - Driver-side
<input type="checkbox"/> HPE-F81	Parker F1-81, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump	<input type="checkbox"/> ISUNF-RE	Electrically operated textile interior sun blind
<input type="checkbox"/> HPE-T53	Parker F2-53/53, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump	<input checked="" type="checkbox"/> ISUNF-RE	Manually operated textile interior sun blind
<input type="checkbox"/> HPE-T70	Parker F2-70/35, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump	<input checked="" type="checkbox"/> CSPL-BX	Lower center dash open storage box
<input type="checkbox"/> HPE-V45	Parker VP1-45, variable displacement, single flow, engine mounted hydraulic pump	<input checked="" type="checkbox"/> CSPL-BXD	Lower centre dash drawer
<input type="checkbox"/> HPE-V75	Parker VP1-75, variable displacement, single flow, engine mounted hydraulic pump	<input type="checkbox"/> CSPU-SDR	One open storage and one drawer - behind push open lid - in upper part of the centre dash panel
<input type="checkbox"/> PTR-D	Gearbox PTO for plug-in pump, 0.71xeng speed	<input checked="" type="checkbox"/> CSPU-SS	Two open storages - behind push open lid in upper part of the centre dash panel
<input type="checkbox"/> PTR-DH	Gearbox driven high speed PTO for one plug-in hydraulic pump	<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"/> PTR-DM	Gearbox driven medium speed PTO for one plug-in hydraulic pump	<input checked="" type="checkbox"/> BUPALARM	Reverse alarm
<input type="checkbox"/> PTR-F	Gearbox driven PTO with rear flange connection	<input type="checkbox"/> RTOLL-PK	Road toll PREPARATION kit for trucks operating with "Toll Collect" in Germany
<input type="checkbox"/> PTRD-D	Gearbox driven HIGH SPEED PTO for two plug-in hydraulic pumps		
<input type="checkbox"/> PTRD-F	PTO with 1 DIN + 1 flange connection rear, manual gearbox		
<input type="checkbox"/> HPG-F101	Parker F1-101 gearbox mounted, fixed displacement, single flow, hydraulic pump		

Standard Equipment

Optional Equipment

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<input type="checkbox"/> LOADIND	Load indicator with central dashboard display	<input type="checkbox"/> TBK70F	Fixed foldable top bunk 700 x 1900mm
<input type="checkbox"/> REMC-MF	Multi-functio wireless remote control	<input type="checkbox"/> PH-CAB2	1.8kW Air to air night heater
<input type="checkbox"/> FIREXT3S	Fire extinguisher - 3kg mounted on the seat base	<input type="checkbox"/> PH-ENGCA	Engine and cab night heater
<input type="checkbox"/> WARNVEST	High visibility warning vest - no sleeves	<input checked="" type="checkbox"/> SLCP-BAS	Sleeper control panel - Basic with switches for interior light, night heater, roof hatch and door lock
<input type="checkbox"/> AIDKIT	First aid kit - Legal demand for EU markets including delivery to EU bodybuilder	<input type="checkbox"/> SLCP-LUX	Sleeper control panel - Luxury with switches for interior light, night heater, roof hatch, door lock, alarm clock, window and radio
<input type="checkbox"/> AIDKIT1B	First aid kit - Legal demand for trucks transiting Germany	<input type="checkbox"/> SAFE	Safe box for driver's personal items
<input type="checkbox"/> WARNLAMP	Portable warning lamp	<input type="checkbox"/> RUS-BAS	Rear cab upper storage - 300 mm high
<input type="checkbox"/> LAMP-IN	Inspection lamp	<input type="checkbox"/> RUS-HIG	Rear cab upper storage - 440 mm high - volume 245 litres
<input type="checkbox"/> BULBKIT	Bulb and fuse kit	<input type="checkbox"/> TABLE	Folding and height adjustable table - on lower bunk
<input checked="" type="checkbox"/> WRITEPAD	Writing pad	<input type="checkbox"/> REFR-RUS	Fridge - 28 litre rear upper wall mounted with dividers
<input checked="" type="checkbox"/> DST-CF4	Driver seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls - seatbelt mounted to the seat	<input type="checkbox"/> REFRIG	Fridge - 33 litre under-bunk mounted with freezer dividers
<input type="checkbox"/> DST-CF5	Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls - seatbelt mounted to the seat	<input type="checkbox"/> MICRO-PK	Wiring preparation kit for microwave oven
<input type="checkbox"/> DST-CF6	Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar, heat and ventilation controls - seatbelt mounted to the seat	<input type="checkbox"/> BOTH-D	One bottle holder under dashboard centre section
<input type="checkbox"/> DST-LUX1	Driver seat - Deluxe 1: electrical adjustment with memory function, lumbar support, heating & ventilation - seatbelt mounted to the seat	<input type="checkbox"/> BOTH-DL	Two bottle holders, one under dashboard centre section and one mounted to the under bunk drawer
<input type="checkbox"/> DST-LUX2	Driver seat - Deluxe 2: electrical adjustment with memory function, lumbar support & heating - seatbelt mounted to the seat	<input type="checkbox"/> BOTH-L	One bottle holder mounted to the under bunk drawer
<input type="checkbox"/> SBD-RED	Seat belt colour - Red	<input type="checkbox"/> COFMA-PK	Coffee maker, preparation kit.
<input type="checkbox"/> SBPRE-DS	Driver seat belt pretensioner	<input type="checkbox"/> INLI-BAS	Interior white LED lights - basic
<input type="checkbox"/> PST-BAS1	Passenger seat - Fixed non suspended fold up with seatbelt mounted in cab	<input type="checkbox"/> INLI-NL	Interior white and red night LED light with no dimmer
<input type="checkbox"/> PST-CF4	Passenger seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls - seatbelt mounted to the seat	<input checked="" type="checkbox"/> INLI-NLD	Interior white and red night LED light with dimmer
<input type="checkbox"/> PST-CF5	Passenger seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls - seatbelt mounted to the seat	<input type="checkbox"/> ARL-FLEX	Two flexible reading lamps (snake lamps)
<input type="checkbox"/> PST-RX1	Passenger seat - Fixed non suspended, features: 90-degree rotation and tilt function with seatbelt mounted in cab	<input checked="" type="checkbox"/> RH-EE	Fixed tinted glass sky window with emergency exit
<input type="checkbox"/> PST-STD2	Passenger seat - Fixed with backrest adjustment, non suspended with seatbelt mounted in cab	<input type="checkbox"/> RH-ER	Steel roof hatch - Electrically operated, rear opening with emergency exit
<input checked="" type="checkbox"/> PST-STD4	Passenger seat - Standard suspended with seatbelt mounted in cab	<input type="checkbox"/> RH-ETR	Tinted glass roof hatch - Electrically operated, rear opening with emergency exit
<input type="checkbox"/> SBPRE-PS	Passenger seat belt pretensioner	<input type="checkbox"/> RH-MTR	Tinted glass roof hatch - Manually operated, rear opening with emergency exit
<input checked="" type="checkbox"/> ARMRE-BB	Armrests - Two on both driver & passenger seats	<input checked="" type="checkbox"/> GLAS-TIN	Tinted windows.
<input checked="" type="checkbox"/> ARU-LEA	Armrest upholstery - Leather	<input type="checkbox"/> SWIND-BS	Extra side window on both sides behind "B" pillar
<input checked="" type="checkbox"/> GRABHI-L	Leather covered instep cab grab handle	<input checked="" type="checkbox"/> VANMIR	Vanity mirror in front shelf
<input type="checkbox"/> FMAT-RUB	Footwell floor mats - Rubber	<input type="checkbox"/> AS-FUS	Extra shelf in front upper storage compartments
<input checked="" type="checkbox"/> FMAT-TX2	Footwell floor mats - Two sets, Rubber and textile with an embossed pile supplied in the cab	<input type="checkbox"/> 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
<input checked="" type="checkbox"/> LBK80F	Lower fixed bunk with wide middle section 815 in the centre x 2000 mm	CAB EXTERIOR	
<input type="checkbox"/> LBK80FRE	Lower electrically operated recline bunk with wide middle section 815 in the centre x 2000 mm	<input 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"/> LBK80FRM	Lower manually operated recline bunk with wide middle section 815 in the centre x 2000 mm	<input checked="" type="checkbox"/> EXTL-EN3	Enhanced exterior finish - Waterfall Grille. Chrome Volvo badges and door handles. Instep, bumper and bumper spoiler in cab colour if specified. Aluminium step inserts. Mirror housing and sun visor if specified with silver accents.
<input type="checkbox"/> MATL-FI	Firm lower bunk pocket sprung mattress	<input checked="" type="checkbox"/> DGLAS-H	Tempered door glass
<input type="checkbox"/> MATL-FI4	Lower mattress - firm, memory foam, 2000x700x130 mm	<input type="checkbox"/> DGLAS-L	Laminated door glass
<input checked="" type="checkbox"/> MATL-SF	Lower flexizone mattress - semi-firm, pocket springs up to 100kg - 16 stone	<input checked="" type="checkbox"/> LOCK-REM	Door locks - Remote central locking
<input type="checkbox"/> OLMAT-BA	35mm mattress overlay protector	<input type="checkbox"/> BUMP-B	Plastic front bumper
<input checked="" type="checkbox"/> OLMAT-PR	50mm premium mattress overlay protector	<input checked="" type="checkbox"/> BUMP-B2	Steel front bumper
<input type="checkbox"/> TBK60AD	Height adjustable foldable top bunk 600 x 1900mm	<input type="checkbox"/> BUMP-HD	Heavy duty front bumper
<input type="checkbox"/> TBK60F	Fixed foldable top bunk 600 x 1900mm	<input type="checkbox"/> BUMP-SP	Front bumper spoiler
<input type="checkbox"/> TBK70AD	Height adjustable foldable top bunk 700 x 1900mm	<input type="checkbox"/> AUXFS	Lower swinging cab step
		<input type="checkbox"/> GUARD-EH	Engine guard to protect sump and engine hoses
		<input checked="" type="checkbox"/> BUGNET	Insect screen in front of radiator
		<input type="checkbox"/> CTILT-P-E	Electrically operated hydraulic cab tilt
		<input checked="" type="checkbox"/> CTILT-P-M	Manually operated hydraulic cab tilt
		<input type="checkbox"/> FCABS-A	Front cab suspension - Air

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 FH 16 8x4 Rigid - Rear Air Suspension - N3 or N3G FH 84RF 6A

- **FCABS-M** Front cab suspension - Mechanical spring
- **RCABS-A** Rear cab suspension - Air
- **RCABS-M** Rear cab suspension - Mechanical spring
- **HCC-INEX** Exterior and interior hood catch control
- **MIRCFPCS** 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.
- **MIRCOMF** Electrically heated and operated main and wide angle mirrors and manually adjusted kerb view mirror on passenger side
- **MIRSTD** Electrically heated main and wide angle mirrors and manually adjusted kerb view mirror on passenger side
- **AMIR-F20** Auxiliary front view mirror with a 200mm radius
- **SUNV-H** External smoke grey sunvisor
- **AD-ROOF** Roof air deflector
- **AD-SIDES** Short cab side air deflector for rigid bodywork
- **HL-BASIC** Halogen H7 head lamps
- **HL-CLEAN** Head lamp cleaner - washer jets
- **HLP-ST** Headlamp protection
- **HL-ADJ** Headlight adjustment - Switch in cab
- **DRIVL2** Two spot lamps
- **UDRIVL** Without auxiliary driving lights
- **FOGL-WC** Front fog lights
- **CL-STAT** Static corner lights
- **ASL-RF2** Two Hella H11 70W spotlamps in sign box - only available with the basic headlight and no lower driving lights.
- **BEACOA2F** Roof beacons - Two front roof mounted amber LED
- **BEACOA2R** Roof beacons - Two rear roof mounted amber LED
- **BEACON-P** Roof beacons - 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-ENG** Engine size and power headboard logo
- **CSGN-GTR** "Globetrotter" headboard logo
- **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
- **ACCBP-AP** Front, middle & rear roof mounted accessory brackets
- **ACCBP-F** Front roof mounted accessory bracket
- **ACCBP-FM** Front & middle roof mounted accessory brackets
- **ACCBP-FR** Front & rear roof mounted accessory brackets
- **ACCBP-M** Middle roof mounted accessory bracket
- **ACCBP-R** Rear roof mounted accessory bracket
- **ACCBP-RM** Rear & middle roof mounted accessory brackets
- **STUC-B** Left and right storage compartments under cab
- **STUC-L** Left storage compartment under cab
- **STUC-R** Right storage compartment under cab
- **REFS-TW** White cab conspicuity markings by packed in cab
- **REFS-TY** Yellow cab conspicuity markings by packed in cab
- **SWL-2RW** Chassis-mounted working lamps - Two white rear-mounted LED lamps
- **SWL-4W** Chassis-mounted working lamps - Four white front and rear-mounted LED lamps
- **SWL-PK** Chassis-mounted working lamps - Side work lamp preparation and 2 position switch - Max load 280W
- **WLC-H2W** Two H3/70W white working lamps high mounted on the back of cab
- **WLC-PKCH** Working lamp back of cab - Preparation kit - cables and switch
- **WLC-PKH** Preparation kit, cables and switch for high mounted working lamps back of cab
- **WLC-PKL** Preparation kit, cables and switch for low mounted working lamps back of cab
- **WLC-PKLH** Preparation kit - cables and switch for low and high mounted working lamps back of cab.
- **ECBB-HIG** Body builder electrical centre with body builder module
- **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-LED** Trailer detection with LED sensing
- **FRFS-BS** Frame rail free space on 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
- **DRUT2** Driver utility app - "My Truck" - two-year subscription For mobile phone, tablet, with android and IOS systems. Only available with Volvo Connect 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

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