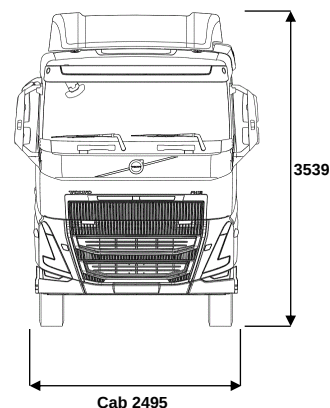
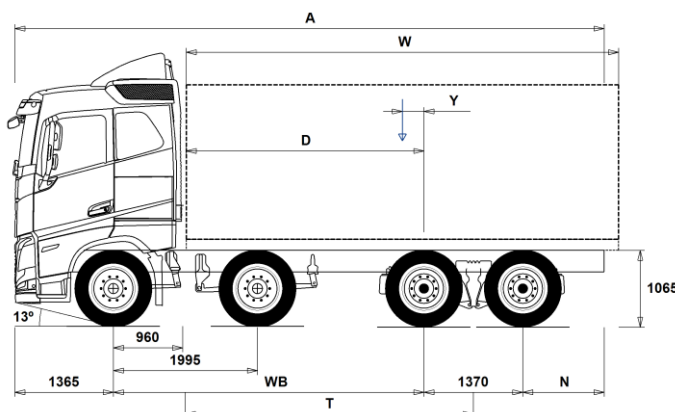


MODEL RANGE



Volvo Trucks. Driving Progress

New FH D16 84 Rigid Dual Front Axles Diesel Rear Air FH 84RF 6A



Chassis Dimensions [mm]

WB Wheelbase	4300	4350	4600	4900	5100	5600	6000	6400
A Overall Chassis Length	8160	8210	8460	8760	8960	9460	9860	10260
D Center of rear axle to front of body	3290	3340	3590	3890	4090	4590	4990	5390
N Rear Overhang (Min.)	1225	1225	1225	1225	1225	1225	1225	1225
N Rear Overhang (Max.)	1125	1125	1125	1125	1125	1125	1125	1125
T Theoretical Wheelbase	3988	4038	4288	4588	4788	5288	5688	6088
Y Center of Gravity for Payload (Min.)	679	697	786	892	963	1140	1278	1422
Y Center of Gravity for Payload (Max.)	679	697	786	892	963	1140	1278	1422
W Body Length (Min.)	5224	5289	5611	5998	6256	6902	7426	7938
W Body Length (Max.)	5224	5289	5611	5998	6256	6902	7426	7938

Chassis Weights [kg]

Front Axles	7285	7280	7270	7270	7270	7265	7265	7270
Rear Bogie	2375	2380	2410	2465	2495	2545	2555	2635
Kerb Weight	9660	9660	9680	9735	9765	9810	9820	9905
Payload (including body, driver, fuel, etc.)	23740	23740	23720	23665	23635	23590	23580	23495

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	18100	18200	19000	20000	20600	22200	23500	24800
Turning Circle Diameter Wall to Wall	19400	19500	20300	21300	22000	23600	24800	26100

Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	33400	37000
Gross Combination Weight	44000	44000
Front Axles	15400	16000
Rear Bogie	18000	21000

Important Notes

Chassis Dimensions

Cab Height: +305 mm for CAB-HSLP, -345 mm for CAB-LSLP, +450 mm for CAB-XHSL.

Front Axle to Back of Cab: +121 mm for CAB-LSLP.

D-measure includes a front clearance of 50 mm and for rigid trucks also a subframe of 100 mm.

Height can vary ± 20 mm for leaf and ± 10 mm for air suspension.

All dimensions are for unladen chassis and any tag axles down. Chassis height used: CHH-HIGH.

Rear overhang used for vehicle weight calculation is the maximum rear overhang (N Max.) for selected wheelbase.

Height change when chassis height CHH-MED,FRAME300: 0 mm.

Weight and dimensions are based upon the following tyres:

Front Axle Tyres: 315/80R22.5

Drive Axle Tyres: 315/80R22.5

Chassis weight includes oil, water, AdBlue, 0 litres fuel and without driver. Kerb weight can vary $\pm 3\%$.

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 D16 84 Rigid Dual Front Axles Diesel Rear Air FH 84RF 6A

Transport operation

- **RC-ROUGH** Rough road conditions.
 - Less than 95% of the driven distance on well maintained or less maintained surfaced roads.
 - and / or
 - In total not more than 5% of the driven distance on:
 - Very badly maintained surfaced roads.
 - Hard packed sand or gravel surface of very bad quality.
 - Washboards.
 - Soft unpaved surface.
 - Off-road.
- **RC-SMOOT** Smooth road conditions.
At least 95% of the driven distance on well maintained or less maintained surfaced roads.
Driving occurs on:
 - Badly maintained surfaced roads.
 - Hard packed sand or gravel surface of good or bad quality.
- **TIPP-PRE** Tipper vehicle preparation
- **UNIFORM** Basic platform vehicle

Core components

- **CHH-HIGH** Chassis height high - approx. 1000 mm above ground level
- **CHH-MED** Chassis height medium - approx. 900 mm above ground level
- **CHH-XHIGH** Chassis height extra high - approx. 1030 mm above ground level
- **RADD-G2** Rear air suspension, 2 axles - 2 driven, high ground clearance
- **RADD-GR** Rear air suspension, 2 axles - 2 driven
- **FH16HSL5** FH16 Globetrotter sleeper cab
- **FH16LSL5** FH16 Low sleeper cab
- **FH16SLP5** FH16 Sleeper cab
- **FH16XHS5** FH16 Globetrotter XL sleeper cab
- **EU5SCR-M** Euro 5 emission level with Selective Catalytic Reduction (SCR)
- **D16G540** Diesel engine, 16.1 litre Euro 5 SCR, 540 hp, 2650 Nm
- **EBR-EPG** Engine brake with exhaust pressure governor, EPG
- **EBR-EPGC** Volvo engine compression brake with exhaust pressure governor, EPG (for I-shift)
- **EBR-VEB+** Volvo Engine Brake, VEB+ (high efficiency compression brake with exhaust pressure governor, EPG)
- **AT2812F** I-Shift automated mechanical 12-speed gearbox without clutch pedal, max. engine torque 2800 Nm, max. permitted GCW 60000 kg.
- **ATO3112F** I-Shift automated mechanical 12-speed overdrive gearbox without clutch pedal, max. engine torque 3150 Nm, max. permitted GCW 100000 kg.
- **ATO3512F** I-Shift automated mechanical 12-speed overdrive gearbox without clutch pedal, max. engine torque 3550 Nm, max. permitted GCW 100000 kg.
- **ASO-C** One crawler gear
- **ASO-ULC** Two crawler gears, one ultra low crawler and one crawler
- **TAAXLIFT** Tandem axle lift for driven bogie axle
- **RTH2610F** Rear hub reduction tandem axles - bogie load 26 tonnes, GCW 100 tonnes, version F
- **RTS2310A** Rear single reduction tandem axle - bogie load 23 tonnes, GCW100 tonnes
- **RTS2370A** Rear single reduction tandem axles - bogie load 23 tonnes, GCW 70 tonnes

Packages

- **DRIVE16** Driving package FH16
- **1LIVING** Living package 1 person
- **1LIVING+** Living Plus package 1 person
- **2LIVING** Living package 2 persons
- **2LIVING+** Living with dual bed + FH
- **INFOBAS** Information package, basic
- **INFODF** Information package prepared for Dynafleet vehicle onboard support
- **INFOMED** Information package, medium

- **INFONDF** Information package with Navigation support and prepared for Dynafleet vehicle onboard support
- **INFOPK** Information prepkit package including tweeter,dashboard and door speaker,basic level instrument clus
- **VISI5** Visibility package for FH and FM.
- **VISI5+** Visibility Plus package for FH and FM.
- **VISI5++** Visibility Plus Plus package for FH
- **VISIC5** Visibility package for FH construction.
- **VISIC5+** Visibility Plus package for FH construction.
- **SAFETY** Safety package VTI Markets
- **SAFETY+** Safety + package VTI Markets
- **CHASPAC** Rigid chassis package

Chassis

- **FST-AIR** Front air suspension
- **FST-PAR** 2 leaf front parabolic suspension (normal stiffness)
- **FST-PAR3** 3 leaf front parabolic suspension (stiffer than normal)
- **FSL5-BAS** Front air suspension basic levelling stroke
- **FAL16.0** Front axle load 16.0 tonnes, double front axles
- **FAL18.0** Front axle load 18.0 tonnes, double front axles
- **FAL20.0** Front axle load 20.0 tonnes, double front axles
- **FSM-LUB** Lubricated front suspension pins and bushings
- **FSTAB** Front stabilizer with normal stiffness
- **FSTAB2** Front stabilizer with medium high stiffness
- **FSTAB3** Front stiff stabilizer
- **RAL21** Rear axles load 21 tonnes
- **RAL23** Rear axles load 23 tonnes
- **RAL26** Rear axles load 26 tonnes
- **RSTAB1** Rear stabilizer with normal stiffness
- **RSTAB3** Rear stiff stabilizer
- **RALIM105** First rear drive axle load limiter, 10.5 tonnes (speed controlled)
- **RALIM115** First rear drive axle load limiter, 11.5 tonnes (speed controlled)
- **RALIM13** First rear drive axle load limiter, 13 tonnes
- **RALIM15** First rear drive axle load limiter, 15 tonnes
- **RALIM95** First rear drive axle load limiter, 9.5 tonnes
- **ASF-DL1** Air suspension with 1 driving level
- **ASF-DL3** Air suspension with 3 driving levels
- **ACTST-TO** Volvo Dynamic Steering (VDS) with extra pump and torque overlay
- **ASFE-BAS** Volvo Dynamic Steering feature basic
- **ASFE-OG** Volvo Dynamic Steering stability assist
- **ASFE-PO** Volvo Dynamic Steering personal settings, stability assist
- **ASFE-PS** Volvo Dynamic Steering personal settings
- **PSS-DUAL** Dual power steering system
- **PSS-SING** Single power steering system
- **PSP-VAR** Power steering pump with variable displacement
- **EBS-MED** EBS (Electronic Brake System) medium package:
 - ABS (Anti-lock Braking System)
 - Lining Wear Sensing (20 % left)
 - Lining Wear Control (incl. wear on the axle)
 - Brake Blending
 - Drag Torque Control
 - Diff Lock Synchronization
 - Diff lock Control
 - Brake Temperature Warning
 - External Brake Demand
 - Diagnosis Via Truck Electronic System
 - Traction Control System
 - Emergency Brake Assistance
 - Constant Wheel Brake Monitoring
 - Coupling Force Control
 - Automatic Parking Brake Activation
 - Lining Wear Analyses (calc of remaining mileage)
 - Hill Starting Assistance
 - EBS status monitoring via Truck Electronic System
- **AUXPARK** Two extra parking brake chambers

■ 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 D16 84 Rigid Dual Front Axles Diesel Rear Air FH 84RF 6A

■ FST8080 Frame section thickness - web 8.0 mm / flange 8.0 mm □ FIL-EEEE Frame inner liner from end of engine end to end of bogie □ FIL-EEEE Frame inner liner from end of engine end to end of frame □ FIL-FBEB Frame inner liner from front of bogie to end of bogie □ FIL-FBEF Frame inner liner from front of bogie to end of frame □ FIL-TXEB Frame inner liner from transmission cross member to end of bogie □ FIL-TXEF Frame inner liner from transmission cross member to end of frame □ 2BAT210B Gel batteries 2x210 Ah ■ 2BAT210C AGM batteries 2x210 Ah □ 2BATT225 Batteries 2x225 Ah ■ BATTAMP Battery voltage and ampere gauge □ BATTIND Battery voltage, ampere and battery status gauge with visual alerts □ ADR1 ADR adaptation - transportation of dangerous goods, 1 switch (inside cab in dashboard). □ ADR2 ADR adaptation - transportation of dangerous goods, 2 switches (1 inside cab in dashboard, 1 outside on cab back passenger side). □ MSWI-A ADR main switch - ADR switch circuit shut down ■ MSWI-C Chassis main switch - battery box placed toggle switch circuit shut down □ MSWI-R Remote controlled main switch - key fob operated circuit shut down ■ R315A56 Right 315 litre aluminium 560 mm high D-shaped diesel tank. Usable volume is 97% of stated volume. Min volume 255l Max volume 810l ■ UL-FUEL Without left diesel tank Min volume 160l Max volume 450l □ ADTP-L AdBlue tank on left hand side (for dual front axles between the axles) □ ADB032 AdBlue tank usable volume 32 litres □ ADB048 AdBlue tank usable volume 48 litres □ ADB064 AdBlue tank usable volume 64 litres □ ADTC-BF AdBlue tank cover painted in silver metallic ■ FCAP-L Lockable diesel and AdBlue tank caps □ FUFF-AS Fuel filling anti-spillage device □ FUFF-ATS Fuel filling anti-theft and anti-spillage devices □ ESH-LEFT Horizontal muffler, left exhaust outlet □ ESH-REAR Horizontal muffler, rear exhaust outlet □ ESH-RIGH Horizontal muffler, right exhaust outlet □ ESH-VERT Horizontal muffler, vertical exhaust outlet on right hand side □ ESV-VERT Vertical muffler, vertical exhaust outlet on right hand side □ EXST-SSP Bright polished vertical stainless steel exhaust top pipe □ EXST-ST Aluminized steel vertical exhaust top pipe □ WHC-FIX2 Two fixed wheel chocks □ WHC-FOL2 2 foldable wheel chocks □ WHCP-F Wheel chock(s) in the front part of the vehicle. - TRACTOR, BBOX-L, Fold, 1/2 w chocks = Top of left side battery box - TRACTOR, BBOX-EF, Fold, 1/2 w chocks = Top of lefts side fuel tank - TRACTOR, BBOX-EF, Fix, 2 w chocks = Left frame front of fuel tank - RIGID, 1 front axle, Fold, 1/2 w chocks = Top of left side battery box - RIGID, 2 front axles, Fold, Frame free space, 2 wc = Top of left side battery box - RIGID, 2 front axles, Fix, W/o frame free space, 2 wc = Left frame behind 1st front wheel □ WHCP-R Wheel chock(s) in the rear part of the vehicle - RIGID, 1 front axle, Fix, 1/2 w chocks = Left frame rear (or front) of rear wheels	□ WHCP-T Transport mounted wheel chock(s) in cab outer luggage compartment □ TB-L80 Left toolbox 800 mm length (mounting length 800 mm, real length 730 mm) □ TB-R80 Right toolbox 800 mm length (mounting length 800 mm, real length 730 mm) □ SUP-BAS Standard aluminium bars for side underrun protection □ SUP-LOW Low side underrun protection □ CHAIN-S Snow chains □ HOOK-SC Snow chain hooks. Rear mounted for tractors and side mounted in rear overhang for rigid. Two hooks on each side. ■ TOWF-NO1 One front towing device □ TOWF-NO2 Two front towing devices □ TOWMBRH High mounted towing member, in centre of frame □ TOWMBRL1 Towing member, low mounted under the frame (position 1) □ TOWMBRM Towing member, medium mounted in line with frame lower flange ■ RFEC-S Rear frame end, straight cut (for regular platform applications) □ RFEC-U Rear frame end, upper cut (for e.g. tipper, refuse and hooklift applications) □ C-RI4040 Towing coupling Ringfeder RF4040A G-150 □ C-RI4045 Towing coupling Ringfeder RF4045A G-150 □ C-RI5055 Towing coupling Ringfeder RF5055A G-150 □ C-RO400G Towing coupling Rockinger 400 G-150 □ C-RO50 Towing coupling Rockinger 50 mm □ C-VBG750 Towing coupling VBG 750V □ C-VBG850 Towing coupling VBG 8500 □ TOWR-ONE One rear towing device in frame end cross member □ TREL-PK Trailer electrical preparation kit (chassis/cab wiring) □ TREL14 14 pol electrical trailer connector ■ TREL15 15 pol electrical trailer connector (ADR certified) □ TREL7 7 pol electrical trailer connector (24N) □ TREL7-7 2x7 pol (24N+24S) electrical trailer connectors (UADR) □ TBC-DUO Trailer brake connection, Duomatic □ TBC-EC Trailer brake connection, European Community ■ TRBR-STA Stationary trailer brake control □ TRB-STRE Automatic low speed trailer brake activation (stretch brake) to avoid jack-knifing and to improve steerability □ RUP-FOSL Foldable and slidable aluminium rear underrun protection, EC approved □ FFEND-B Standard mounted fenders on second front axle □ FFEND-T Transport mounted fenders on second front axle □ RFEND-B Rear 3 piece fenders with anti-spray function (all rear axles) □ RFEND-T Transport mounted one-piece rear fenders □ RFH-BAS Optimal fender installation (rear and 2nd front axle) with regard to legal demands, wheel/tyre sizes, chassis height and fifth wheel height. □ RFH-HIG Highest fender installation (rear and 2nd front axle). Suitable for rough and very rough road conditions. □ RFH-LOW Lower fender installation (rear and 2nd front axle). Suitable only for smooth road conditions. Increased risk of fender top wear. □ ATANK-AL Aluminium air tanks ■ ATANK-ST Steel air tanks □ TL-LED LED tail lamps (tail light, exterior marker light, brake light, hazard warning light, reverse light, rear fog light, licence plate light and reflector). ■ BLIGHT-E Emergency brake light □ FRACLOS Frame end closing
--	---

■ 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 D16 84 Rigid Dual Front Axles Diesel Rear Air FH 84RF 6A

☐ RT-AL	Brushed aluminium rims with std holes (long stud fixing) on all axles	☐ CLU-AIRC	Air compressor clutch automatically declutched when not needed in order to save fuel
☐ RT-ALDP	Dura-Bright polished aluminium rims with std holes (long stud fixing) on all axles	☐ AIRIN-FR	Front air intake
☐ RT-ALDPD	Dura-Bright polished aluminium rims with countersunk holes (short stud fixing) on all axles	☒ AIRIN-HI	High air intake
☐ RT-ALDU	Brushed aluminium rims with countersunk holes (short stud fixing) on all axles	☐ AIRIN-LO	Low air intake
☐ RT-ALP	Polished aluminium rims with std holes (long stud fixing) on all axles	☐ ACL1ST-S	Air cleaner with additional filter element (primary + secondary)
☐ RT-ALPDU	Polished aluminium rims with countersunk holes (short stud fixing) on all axles	☒ 24AL120B	Alternator 120 Ampere
☒ RT-STEEL	Steel rims on all axles	☐ 24AL150B	Alternator 150 Ampere
☐ WCAP	Wheel caps	☐ CCV-C	Closed crankcase ventilation
☒ SPWT-D	Spare wheel with tyre equal to drive	☐ CCV-O	Open crankcase ventilation
☐ SPWT-F	Spare wheel with tyre equal to front wheel	☒ PRIM-EL	Electrical priming pump for fast and easy bleeding of the fuel system
☐ SWCP-LF	Spare wheel carrier on left side in front of rear axle	☐ AF-E	Electrically heated fuel filter
☒ SWCP-T	Temporary spare wheel carrier. Spare wheel is transport mounted (strapped on top of the frame rails) with plastic stripes.	☐ AF-R	Hot fuel recirculation heated fuel filter
☐ SWCP-TP	Spare wheel carrier transport mounted with the spare wheel on top of the frame rails	☐ FUEFE2LW	Large engine mounted dual fuel filter with water separator and drain. Suitable when poor (e.g. high sulphur content) fuel quality (normally not in Western Europe).
☐ JACK-12T	Jack 12 tonnes	☒ FUEFE2SW	Small engine mounted dual fuel filter with water separator and drain. Suitable when good fuel quality (e.g. everywhere in Western Europe).
☐ JACK-15T	Jack 15 tonnes	☐ EST-AID	Engine start pre-heating element
☒ JACK-20T	Jack 20 tonnes	☐ PTER-100	Rear engine mounted clutch independent power-take-off with flange connection (DIN 100 / ISO 7646)
☐ TOOL-BAS	Basic tools (combination screw driver, socket wrench)	☐ PTER-DIN	Rear engine mounted clutch independent PTO with splined shaft groove (female) for a close coupled pump (DIN 5462 / ISO 7653)
☒ TOOLKIT	Extended tool kit	☐ PTER1400	Rear engine mounted clutch independent power-take-off with flange connection (SAE 1410 / ISO 7647)
☒ INFLAHOS	Tyre inflation hose (18 metres) with nozzles in both ends	☐ HPE-F101	Rear engine mounted hydraulic pump F1-101, fixed displacement, single flow
☐ GAUGE-TP	Tyre pressure gauge	☐ HPE-F41	Rear engine mounted hydraulic pump F1-41, fixed displacement, single flow
☐ OBDEP-D	EU6 mandatory on board diagnostics, phase D regulations	☐ HPE-F51	Rear engine mounted hydraulic pump F1-51, fixed displacement, single flow
Powertrain equipment		☐ HPE-F61	Rear engine mounted hydraulic pump F1-61, fixed displacement, single flow
☒ TRAP-HD	Reinforced gearbox application. For manual gearboxes a heavy-duty nodular iron range housing. For I-shift gearboxes (2412 excl.) a reinforced gear shifting system.	☐ HPE-F81	Rear engine mounted hydraulic pump F1-81, fixed displacement, single flow
☒ DRM-BE	I-Shift drive mode balanced economy	☐ HPE-T53	Rear engine mounted hydraulic pump F2-53/53, fixed displacement, twin flow
☐ PVT-BAS	Basic topography information, learning by GPS positioning	☐ HPE-T70	Rear engine mounted hydraulic pump F2-70/35, fixed displacement, twin flow
☐ PVT-EXT	Extended topography information, learning by GPS positioning and centrally stored data	☐ HPE-V45	Rear engine mounted hydraulic pump VP1-45, variable displacement, single flow
☐ PVT-MAP	Map based topography information using a high resolution commercial topography map	☐ HPE-V75	Rear engine mounted hydraulic pump VP1-75, variable displacement, single flow
☐ CRUIS-E	Cruise control I-Cruise with controls in the steering wheel, I-Roll incl. Adding PVT-EXT/-MAP give I-See.	☐ PTR-D	Mechanical gearbox driven low speed power take-off, 1 rear connection (DIN 5462 / ISO 7653) for plug-in pump (max. 1000 Nm).
☐ CRUIS-E5	Fuel Economy optimized cruise control for I-save with driver influence, incl I-ROLL	☐ PTR-DH	Mechanical gearbox driven high speed power take-off, 1 rear connection (DIN 5462 / ISO 7653) for plug-in pump (max. 600 Nm).
☒ CRUISEC	Basic cruise control with controls in steering wheel	☐ PTR-DM	Mechanical gearbox driven medium speed power take-off, 1 rear connection (DIN 5462 / ISO 7653) for plug-in pump (max. 600 Nm).
☐ AMSO-AUT	I-shift manual gear shift available in automatic mode incl kickdown function	☐ PTR-F	Mechanical gearbox driven low speed power take-off, 1 rear flange connection (SAE 1410 / ISO 7647) for propeller shaft (max. 1000 Nm).
☐ AVO-ENH	Enhanced I-shift software for construction and off road applications	☐ PTRD-D	Mechanical gearbox driven high speed power take-off, 1 rear and 1 front connections (DIN 5462 / ISO 7653) for plug-in pumps (max. 870 Nm).
☐ APF-ENH	Enhanced I-shift PTO functions (Auto Neutral / Reverse Inhibit / Split Box Connection)	☐ PTRD-F	Mechanical gearbox driven high speed power take-off, 1 rear flange connection (SAE 1410 / ISO 7647) for propeller shaft (max. 870 Nm).
☐ RET-TH	Retarder (incl cooler) for manual and I-shift gearboxes with oil as brake fluid	☐ HPG-F101	Gearbox mounted hydraulic pump F1-101, fixed displacement, single flow
☐ TC-MAOH2	Extra high performance cooler for manual/I-shift gearboxes - air/oil		
☐ TC-MWO	Basic performance cooler for manual/I-Shift gearboxes - water/oil		
☐ TC-MWOH2	High performance cooler for manual/I-Shift gearboxes - water/oil		
☒ 2COM1080	Dual cylinder air compressor 704 cc / 1080 l/min		
☐ 2COM1100	Dual cylinder air compressor 760 cc / 1100 l/min		
☐ 2COMP900	Dual cylinder air compressor 636 cc		

☒ 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 D16 84 Rigid Dual Front Axles Diesel Rear Air FH 84RF 6A

- **HPG-F41** Gearbox mounted hydraulic pump F1-41, fixed displacement, single flow
- **HPG-F51** Gearbox mounted hydraulic pump F1-51, fixed displacement, single flow
- **HPG-F61** Gearbox mounted hydraulic pump F1-61, fixed displacement, single flow
- **HPG-F81** Gearbox mounted hydraulic pump F1-81, fixed displacement, single flow

Cab Interior, Driving

- **STWPOS-R** Right hand drive
- **STWM-LE** Leather steering wheel
- **STGW-AD2** Mechanically adjustable steering wheel with neck tilt
- **STGW-ADJ** Mechanically adjustable steering wheel
- **AIRBAG** Airbag on driver side
- **INST-BAS** 24-HDV - Instrumentation, high performance 12" fully dynamic instrument cluster.
CLASS-HDV - Basic level instrument cluster - 4 inch monochrome display 240x320 pix
- **1DAYB** One day analogue tachograph, basic
- **1DAYDIG** One day digital tachograph, EC approved
- **1DAYDIG2** Gen 2 one day digital tachograph, EC approved
- **TAC-PK2** Preparation kit tachograph, TAS-PK, TAC-PK
- **ARSL** Additional road speed limiter (switch in dashboard)
- **ESP-BAS1** Electronic Stability Program package intended for RIGID single vehicles or vehicle combinations with standard centre of gravity height when laden and for TRACTOR vehicle combinations with a single trailer or multiple trailers with ABS/EBS.
- **ESPC-RO** ESP (Electronic Stability Program) functionality control - Reduced / Off
- **HWSS-AC** Adaptive cruise control with forward collision warning
- **HWSS-ACB** Adaptive cruise control with forward collision warning (stationary and moving objects) and emergency braking. Using both radar and camera to collect info.
- **HWSS-FCB** Forward collision warning (stationary and moving objects) with emergency braking
- **LSS-DW** Lane keeping support - lane departure warning system
- **LCS** Lane Change Support
- **DAS-W** Driver Alert Support (drowsy driver warning)
- **RSENS-W** Wiper rain sensor
- **CU-ECC** Fully electrically controlled air conditioning with sun sensor
- **CU-ECC2** Fully electrically controlled air conditioning with sun sensor, mist sensor, air quality sensor and carbon filter
- **CU-MCC** Electrical manually controlled air conditioning
- **IMMOBIL** Immobiliser
- **ALARM-E** Burglar alarm - cab/body/trailer
- **ALCOLOCK** Alcolock
- **AMPL400** Amplifier, 8 channel, 400 W, subwoofer
- **BUPMON** Back-up monitor including a 7 inch colour display integrated in dashboard, Waeco CCD-camera (delivered loose in cab) with a heated lens, motorised lens protection, 1 m pigtail cable (front) and 10 metres chassis cable for tractor /15 metres for rigid. Camera wirings not installed.
- **PHONE-PK** Telephone preparation kit (antenna, antenna attachment, cable from antenna to radio shelf).
- **ISUNS-BS** Manually manoeuvred side interior sun visor (roller blind type) on both sides
- **ISUNS-DS** Manually manoeuvred side interior sun visor (roller blind type) on driver side
- **ISUNF-RE** Electrical textile interior sun visor (roller blind) integrated in front shelf

- **ISUNF-RM** Manual interior textile sun visor (roller-blind) integrated in front shelf
- **CSPL-BX** Open storage in lower center dash panel
- **CSPL-BXD** Storage drawer in lower center dash panel
- **ADFS** Two extra DIN slots in front shelf (push/pull storage), 165x40x180 mm (WxHxD)
- **BUPALARM** Back-up alarm
- **RTOLL-PK** Preparation kit for road toll collect (GPS/GSM antenna and cables)
- **LOADIND** Load indicator with dashboard display. Measures axle pressures, load weight and total weight of truck and one trailer.
- **FIREXT3S** The fire extinguisher is an important part of the safety equipment. It is extremely reliable, has a high capacity and withstands temperatures down to -30°C. The fire extinguisher manages to extinguish fires in electrical systems and brakes. It is located on the driver side*, beside the seat, which makes it easy to reach in case of an accident. The placement of the fire extinguisher may vary depending on the specification, but it is always easily reachable by the driver.
- **WARNVEST** Warning vest. Fulfils European standard according to EN 471 class 2.
- **WARNTRI2** Two warning triangles
- **AIDKIT** First aid kit containing sticking plaster, washing and drying pads, compresses, elastic bandages, respiratory mask, gloves and scissors
- **AIDKIT1B** First aid kit containing sticking plaster, compresses, elastic bandages, gloves, scissors, triangular bandage, bandaging cloths, adhesive tape and rescue sheet (German requirements)
- **WARNLAMP** Portable warning lamp with batteries
- **LAMP-IN** Inspection lamp with 10 m cable
- **BULBKIT** Bulb and fuse kit
- **WRITEPAD** Writing pad with spring-loaded paper clip

Cab Interior, Living

- **DST-CF1** Driver seat, comfort, suspended
- **DST-CF4** Driver seat, comfort, suspended, belt in seat
- **DST-CF5** Driver seat, comfort, suspended, belt in seat, electrically heated
- **DST-CF6** Driver seat, comfort, suspended, belt in seat, electrically heated, ventilated
- **DST-LUX1** Driver seat, de luxe, suspended, belt in seat, electrically heated, ventilated
- **DST-LUX2** Driver seat, de luxe, suspended, belt in seat, electrically heated
- **DST-STD2** Driver seat, regular, suspended
- **SBD-RED** Red safety belts, passenger and driver seats
- **SBPRE-DS** Driver seat belt pretensioner
- **PST-BAS1** Passenger seat, basic, non suspended
- **PST-CF4** Passenger seat, comfort, suspended, belt in seat
- **PST-CF5** Passenger seat, comfort, suspended, belt in seat, electrically heated
- **PST-RX1** Passenger relax seat, swivel/tilt
- **PST-STD2** Passenger seat, regular, non suspended
- **PST-STD4** Passenger seat, regular, suspended
- **SBPRE-PS** Passenger seat belt pretensioner
- **ARMRE-BB** Two armrests on both driver and passenger seats
- **ARMRE-DB** Two armrests on driver seat
- **ARMRE-PB** Two armrests on passenger seat
- **ARU-BAS** Vinyl armrest upholstery
- **ARU-LEA** Leather armrest upholstery

■ 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 D16 84 Rigid Dual Front Axles Diesel Rear Air FH 84RF 6A

▣ GRABHI-B Steel instep grab handle ■ GRABHI-L Leather covered steel instep grab handle ▣ FMAT-RUB Two black rubber floor mats ■ FMAT-TX2 Two textile (dark grey on FH/FM, black on FH16) and two black rubber floor mats ■ LBK80F Lower fixed bunk, foldable 55 degrees - 2000x815/740/660 mm (middle/head/feet). Safety net included. ▣ LBK80FRE Lower electrically manoeuvred recline bunk, foldable 55 degrees - 2000x815/740/660mm (mid/head/feet). Safety net included. ▣ LBK80FRM Lower manually manoeuvred recline bunk, foldable 55 degrees - 2000x815/740/660 mm (mid/head/feet). Safety net included. ■ MATL-FI Mattress lower bunk - firm for over approx. 100 kg, pocket springs. ▣ MATL-FI4 Mattress lower bunk - firm up to approx. 100 kg, foam, 2000x700x130 mm. ▣ MATL-SF Mattress lower bunk - semi-firm up to approx 100 kg, pocket springs. ▣ OLMAT-BA Overlay mattress protector, 28 mm thick black textile ■ OLMAT-PR Overlay mattress protector, 35 mm thick black textile ▣ TBK60AD Height adjustable top bunk 600x1900 mm, foldable up to 52 degrees to rear wall (depending on cab version and upper storage). Safety net included. ▣ TBK60F Fixed top bunk 600x1900 mm, foldable up to 52 degrees to rear wall (depending on cab version and upper storage). Safety net included. ▣ TBK70AD Height adjustable top bunk 700x1900 mm, foldable up to 52 degrees to rear wall (depending on cab version and upper storage). Safety net included. ▣ TBK70F Fixed top bunk 700x1900 mm, foldable up to 52 degrees to rear wall (depending on cab version and upper storage). Safety net included. ▣ PH-CAB2 Cab parking heater, 2 kW ▣ PH-ENGCA Engine and cab parking heater ■ SLCP-BAS Basic sleeper control panel (controlling interior light, parking heater, roof hatch and door lock) ▣ SLCP-LUX Luxury sleeper control panel in cab back (controlling interior light, parking heater/cooler, roof hatch, door lock, alarm clock, window and audio) ▣ SAFE Key operated safe box under bed (FH) or at bed end (FM) ▣ RUS-BAS Rear cab upper storage 154 litres (300 mm high) ▣ RUS-HIG Rear cab upper storage 245 litres (440 mm high) ▣ TABLE Foldable and height adjustable table to be mounted to the lower bunk ▣ REFR-RUS 28 litre rear upper wall mounted refrigerator with deviders ▣ REFRIG 33 litre under bunk mounted refrigerator with freezer and deviders ▣ MICRO-PK Preparation kit for microwave oven (el. cables to front shelf) ▣ BOTH-D One 1.5 litre plastic soft-drink bottle holder under dashboard centre section ▣ BOTH-DL Two 1.5 litre plastic soft-drink bottle holders, one under dashboard centre section and one mounted to the under bunk drawer. ▣ BOTH-L One 1.5 litre plastic soft-drink bottle holder mounted to the under bunk drawer ▣ COFMA-PK Preparation kit (24V) for coffee maker ▣ INLI-BAS Interior white light with smooth light transition at on/off, no dimming ▣ INLI-NL Interior white and red (night) light with smooth light transition at on/off ■ INLI-NLD Interior white and red (night) light with smooth light transition at on/off and dimmer ▣ ARL-FLEX Two (driver and passenger side) reading lamps with flexible arms (snake lamps) and led lamps fitted on side walls ▣ RH-EE Without roof hatch, sky window / emergency exit (tinted glass)	▣ RH-ER Roof hatch - Electrically operated / steel / emergency exit handle ▣ RH-ETR Roof hatch - Electrically operated / Tinted glass / Rear opening ■ RH-MTR Roof hatch - Manually operated / Tinted glass / Rear opening ■ GLAS-TIN Tinted windows (front/side/rear) ▣ GLAS-UNT Untinted windows ▣ SWIND-BS Extra side window on both sides ▣ VANMIR Vanity mirror in front shelf lid. In sleeper cab on passenger side and in high/extra high cabs in middle section of the front shelf. ▣ AS-FUS One extra shelf in each of the two front upper storage compartments. Only 1 shelf if microwave oven mounted in one of the two compartments. ▣ INFOT-PK Preparation kit (bracket, security straps, power cable, antenna cable and aux cable) for mounting of a television above driver door.
---	---

Cab Exterior

▣ EXTL-BAS	NEW-HDV: Exterior trim level basic CLASS-HDV: Basic exterior finish in a lightning grey colour of cab surrounding parts (mirror housings, insteps, bumper and if fitted bumper spoiler and sun visor). If fitted roof air deflector, side air deflector and chassis fairings are always painted in cab colour. Exterior trim level enhanced 3
■ EXTL-EN3	
■ DGLAS-H	Tempered door glass
▣ DGLAS-L	Laminated door glass
■ LOCK-CTL	Central door locking
▣ LOCK-REM	Central door locking with remote control
▣ BUMP-B	Plastic front bumper
■ BUMP-B2	Steel front bumper
▣ BUMP-HD	Heavy duty front bumper
▣ BUMP-SP	Front bumper spoiler
▣ AUXFS	Extra cab side foot-step
■ GUARD-EH	Guard plate for cooling pipes and oil sump
■ BUGNET	Radiator screen / Mosquito net (PVC coated fibreglass) in front of radiator
■ CTILTP-E	Electrical cab tilt pump
▣ CTILTP-M	Manual cab tilt pump
▣ FCABS-A	Air front cab suspension
■ FCABS-M	Mechanical cab suspension
▣ RCABS-A	Air rear cab suspension
■ RCABS-M	Mechanical rear cab suspension
▣ HCC-EXT	Unlockable front lid - Exterior hood catch control
■ HCC-INEX	Lockable front lid - Exterior and interior hood catch control
■ MIRCFPCS	Electrically heated and operated rear view mirrors with a wide angle section on both sides and kerb observation mirror on the passenger side. Passenger corner camera in the mirror bracket at the passenger side.
▣ MIRCOMF	Electrically heated & operated main rear view mirrors and wide angle mirrors (both sides). Close view mirror on passenger side.
▣ MIRSTD	Electrically heated main rear view mirrors and wide angle mirrors (both sides), both electrically operated on passenger side. Close view mirror on passenger side.
▣ AMIR-F20	Front close view mirror above windscreen, passenger side (radius 200 mm)
■ SUNV-H	Exterior transparent dark grey front sun visor
■ AD-ROOF	Roof air deflector. Design (length, height etc.) automatically calculated and varies depending on vehicle total height (chassis height, cab type, tyres etc).
▣ AD-SIDES	Short cab side air deflectors

■ 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 D16 84 Rigid Dual Front Axles Diesel Rear Air FH 84RF 6A

■ HL-BASIC Halogen H7 head lamps □ HL-CLEAN High pressure headlamp cleaner □ HLP-ST Steel headlamp protection □ HL-ADJ Adjustable headlamps to adjust the height of the light beam ■ DRL-LED V-shaped ("V-light") day running light (LED). Turned on low beam gives a dimmed "V-light". □ UDRL Without day running light (dimmed V-light) ■ DRIVL2 Two auxiliary front driving lamps □ UDRIVL Without auxiliary front driving lamps ■ FOGL-WC White front fog lamps □ CL-STAT Cornering lights □ ASL-RF2 Two Hella H11 70W spot lamps in sign box (one on each side of the Globetrotter sign) □ IDLAMP-A Three middle front roof mounted amber identification lamps □ IDLAMP-W Three middle front roof mounted white identification lamps □ IDLMPSW Switch in cab for identification lamps □ BEACOA2F Two LED warning lights on the cab front □ BEACOA2R Two LED warning lights on the cab rear ■ BEACON-P Preparation kit □ BEACONA4 Four LED warning lights on the cab front-rear □ CABPT-R1 One front cab roof pass through on passenger side ■ CABPT-R2 Two front cab roof pass throughs, one on each side □ SPOTP-F Spotlamp preparation in cab front, max 280W □ SPOTP-R Spotlamp preparation on cab roof, max 280W ■ SPOTP-RF Spotlamp preparation on cab roof and in cab front, max 2x280W □ ROS-IL Illuminated roof sign with switch in radio shelf. Switch for turning on/off. □ ROS-IL2 Preparation kit for installing an illuminated roof sign*. It includes a prerouted cable harness, a switch and LED-lamps. The switch is connected in the radio shelf middle section. Switch cap with icon, are enclosed in cab. Lamps in sign are mounted. The stripe in the Globetrotter window is selected via the cab sign variants □ ROS-ILP Wiring preparation kit (wires and switch) for cab sign or roof air deflector illumination □ CSGN-ENG FH16 and Horsepower decal in the cab roof sign area □ CSGN-GTR GLOBETROTTER decal in the cab roof sign area ■ HORN-F1S One front mounted (behind grille) single tone air horn, Jericho. Operated by steering wheel buttons. □ HORN-R2S Two roof mounted single tone chromed air horns. Operated by steering wheel buttons. □ ANT-CBR Right hand side roof mounted foldable antenna and cables for CB radio, single aerial. □ 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 □ STUC-B Left and right storage compartments under cab □ STUC-L Left storage compartment under cab □ STUC-R Right storage compartment under cab □ REFS-TY Reflecting yellow cab side stripes by-packed in cab	□ SWL-2FW Two H3 70W white front chassis mounted (LH/RH side) working lamps and a 2-position switch (On/Off) □ SWL-2RW Two H3 70W white rear chassis mounted (LH/RH side) working lamps and a 2-position switch (On/Off) □ SWL-4W Four H3 70W white front (2) and rear (2) chassis mounted (LH/RH side) working lamps and a 2-position switch (On/Off) □ SWL-PK Wiring preparation for chassis mounted working lamps and a 2-position switch (On/Off). Max load 280W. □ WL-CHPK Preparation kit (switch and cable) for working lamp, max 2x70 W. Connector on chassis at gearbox. □ WLC-H2A Two H3/70W working lamps with amber coloured lens high mounted back of cab (switch incl). □ WLC-H2W Two H3/70W working lamps, white lens high mounted back of cab (switch incl). □ WLC-PCKH Preparation kit (cables and switch) for cab mounted chassis working lamp. Max load 280W. □ WLC-PKH Preparation kit (cables and switch) for high mounted working lamps back of cab (pass through in cab rear roof included). Max load 280W. □ WLC-PKL Preparation kit (cables and switch) for low mounted working lamps back of cab (pass through in cab rear wall included). Max load 280W. □ WLC-PKLH Preparation kit (cables and switch) for low and high mounted working lamps back of cab (pass throughs in rear wall and rear roof included). Max load 280W. □ ECBB-BAS Body builder electrical centre without any body builder module ■ ECBB-HIG Body builder electrical centre with cab body builder module ■ BBCHAS1 One 7-pole connector for Body builder interface. Wiring harness routed from the bodybuilder electrical distribution box inside the cab to a connection point inside the right frame rail beside the gearbox. □ BBCHAS3 Three 7-pole connectors for Body builder interface. Wiring harness routed from the bodybuilder electrical distribution box inside the cab to a connection point inside the right frame rail beside the gearbox. □ BEPR-T2 Body builder electrical software preparation for tipper with remote control □ EXSTER Support for external steering control via body builder module □ TD-BAS Trailer detection without LED sensor ■ TD-LED Trailer detection with LED sensor □ FRFS-B5 Frame rail free space on both sides to give space for crane legs or other equipment. One front axle with day cab: 515/507 mm (L/R side). One front axle with long cab: 288/360 mm (L/R side). Two front axles with short cab: 632/572 mm (L/R side). Two front axles with long cab: 405/485 mm (L/R side). □ FBA-BTF Lower front body attachments for torsionally flexible platform body □ FBA-BT5F Lower front body attachments for torsionally semi-flexible body (van 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, interface for crane capacity up to 10 ton meter □ CRANEPK2 Crane plates mounted to frame, interface for crane capacity up to 20 ton meter □ CRANEPK4 Crane plates mounted to frame, interface for crane capacity up to 40 ton meter □ AUXL-SPK Electrical preparation kit (wiring and a switch in dashboard) for snow plough lights. Preparation for installation of additional headlights and additional turning indicators. □ TAILPRE2 Tail lift preparation kit, wireless remote operation □ TAILPREP Tail lift preparation kit, wire remote operation ■ AESW2 Two Body builder bistable electrical switches (marked AUX1 / AUX2)
■ 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 D16 84 Rigid Dual Front Axles Diesel Rear Air FH 84RF 6A

- **AESW2PK** Two Body builder bistable electrical switches (marked AUX1/AUX2) and in an empty 4-group preparation another four bistable switches with dummy switch caps
- **AUXSW-4** Wiring for 4 extra hardwired switches (from Body builder electrical centre to switch positions)

Services

- **TGW-4GWL** Telematics gateway with 4G modem
- **TGW-PK** Telematics gateway preparation kit
- **FMS-PK** Fleet Management System gateway, preparation kit
- **DRUT2** My Truck connects the vehicle to the smartphone app, 2 year prepaid subscription



Volvo Truck Corporation
volvotrucks.com