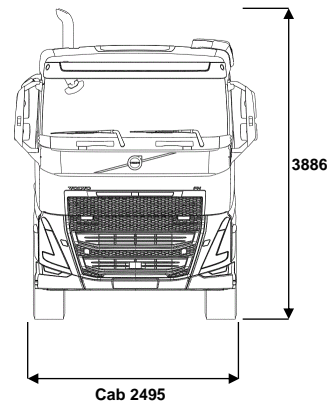
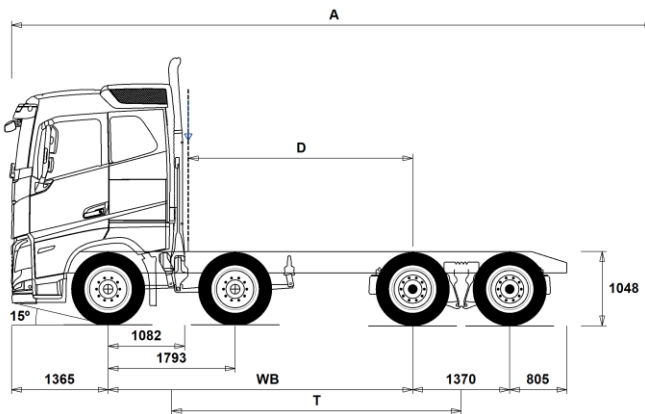


MODEL RANGE

New FH13 8x4 Tractor Air Suspension FH 84TF 3A



Chassis Dimensions [mm]

WB Wheelbase	4300
A Overall Chassis Length	9087
D Center of rear axle to back of cab	3168
T Theoretical Wheelbase	4088

Chassis Weights [kg]

Front Axles	7350
Rear Bogie	3125
Kerb Weight	10475

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	18100
Turning Circle Diameter Wall to Wall	19400

Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	27500	34000
Gross Combination Weight	42500	70000
Front Axles	11000	13000
Rear Bogie	16500	21000

Important Notes

Chassis Dimensions

Cab Height: +69 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.

Weight and dimensions are based upon the following tyres:
 Front Axle Tyres: 295/80R22.5
 Drive Axle Tyres: 295/80R22.5

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 FH84TF3A.

MODEL RANGE

New FH13 8x4 Tractor Air Suspension FH 84TF 3A

Core components

- **RADD-GR** Rear air suspension
- **FH-SLP5** Sleeper cab
- **FH-XHSL5** Globetrotter XL cab
- **EU5SCR-M** Eu5 SCR Selective Catalytic Reduction (mandatory)
- **D13C500** Engine, 13C litre, 500hp, 2500nm
- **D13C540** Engine, 13C litre, 540hp, 2600nm
- **EBR-VEB+** Volvo Engine Brake + (VEB+)
- **AT2612F** Volvo I-shift-12 speed automatic transmission (2600nm)
- **ASO-C** Crawler gears
- **ASO-ULC** Ultra low crawler gears
- **RVC1** Australian road friendly certification
- **RTH2610B** Volvo RTH2610B hub reduction rear axles
4 planet gears per hub
Axle rating: 26,000 kg
115 tonne train weight
(Application approved)
- **RTS2310A** Single reduction tandem 23t GCW100t
- **RTS2370B** Single reduction tandem 23t GCW70t

Packages

- **INFODF** Information Platform with Dynafleet Support
- **INFOMED** Information Platform-Medium
- **INFONDF** Information Platform with Navigation & Dynafleet Support

Chassis

- **FST-PAR3** 3 leaf parabolic front springs (stiffer than normal)
- **FAL13.0** Front axle rating: 13,000 kg
- **FSTAB** Front stabilizer, normal stiffness
- **FSTAB2** Front stabiliser bar increased stiffness
- **RAL21** Rear suspension load rating: 21,000 kg
- **RSTAB3** Heavy duty rear stabiliser bar
- **EBS-MED** Electronic Brake System (EBS) contains
ABS, Traction control, Hill start aid
Diff lock control, Brake assist
Wheel brake monitoring, EBS status
- **TRCO-12V** 24v to 12v trailer lighting voltage converter
- **TABS-12** 24v to 12v trailer ABS voltage converter
- **FST8080** Frame section thickness 8mm
- **FIL-TXEB** Liner (inner) - trans x-mem to end of bogie
- **BBOX-AC** Across frame battery box
- **2BATT225** 2x225 Ah batteries
- **BATTAMP** Battery amperage indicator (in the DID)
- **MSWI-C** Isolation toggle switch LHS of chassis
- **MSWI-R** Isolation switch on key fob (press door lock twice to isolate)
- **R460A71S** RHS 460 litre alloy fuel tank with steps
Min volume 460l
Max volume 460l
- **L460A71S** LHS 460 litre alloy fuel tank with steps
Min volume 460l
Max volume 460l
- **ADB190** AdBlue tank 190 litres (underbelly)
- **FCAP-L** Fuel tank cap with lock
- **ESH3VERT** Raised Horizontal Muff/Vertical outlet
- **EXST-SSP** Stainless steel exhaust stack
- **TBC-AUS** Trailer brake connections (suzi coils)
- **TRBR-HCR** Hand controlled trailer brake, reduced pressure
- **TRBR-STA** Stationary trailer brake control

- **TRB-STRE** Automatic trailer brake activation (stretch brake)

- **TL-LED** LED tail lights

Rims and Tyres

- **RT-AL** 10 stud alloy disc rims (with long wheel studs)
- **RT-ALDP** 10 stud dura-bright alloy disc rims (with long wheel studs)
- **RT-ALDPD** 10 stud dura-bright alloy disc rims (with short wheel studs)
- **RT-ALDU** 10 stud alloy disc rims (with short wheel studs)
- **RT-ALP** 10 stud polished alloy disc rims (with long wheel studs)
- **RT-ALPDU** 10 stud polished alloy disc rims (with short wheel studs)
- **RT-STEEL** 10 stud steel disc rims
- **SPWT-D** Spare rim & tyre equal to drive
- **SPWT-F** Spare rim & tyre equal to steer
- **SWCP-T2** Transport mounted spare wheel
- **JACK-12T** 12 tonne capacity jack with brace
- **TOOL-BAS** Basic tools
- **TOOLKIT** Tool kit complete
- **INFLAHOS** Tyre inflation hose (20 metres)

Powertrain equipment

- **DRM-BE** Drive Mode - Balanced Economy
- **DRM-E** Drive Mode - Economy
- **PVT-MAP** Preview Topography Information (by a high resolution commercial topography map)
- **CRUIS-E** Extended cruise control (additional fuel saving functions)
- **CRUISEC** Cruise control
- **AMSO-AUT** Manual gear shift in automatic mode.
- **AVO-ENH** AMT Vocational option - enhanced
- **APF-ENH** Enhanced I-shift PTO functions
- **TC-MAOH2** High performance transmission cooler
- **2COM1080** High volume air compressor
- **AIRIN-HI** High air intake, roofline position
- **ACL1ST-S** Air cleaner with two stage filter element
- **24AL120B** High capacity alternator, 120 Ampere.
- **24AL150B** Alternator - 150 Amp
- **PTER-DIN** Power Take Off / splined shaft groove (female) DIN5462.
- **PTER1400** Rear engine mounted power-take-off with flange SAE 1410
- **HPE-F101** F1-101 Hydraulic pump rear engine mounted
- **HPE-F41** F1-41 Hydraulic pump rear engine mounted
- **HPE-F51** F1-51 Hydraulic pump rear engine mounted
- **HPE-F61** F1-61 Hydraulic pump rear engine mounted
- **HPE-F81** F1-81 Hydraulic pump rear engine mounted
- **HPE-T53** F2-53/53 twin flow hyd pump rear engine mounted
- **HPE-T70** F2-70/53 twin flow hyd pump rear engine mounted
- **HPE-V45** V1-45 variable pump rear engine mounted
- **HPE-V75** V1-75 variable pump rear engine mounted
- **PTRD-D** PTO with 2 DIN connections rear + 1 DIN connection front
- **HPG-F41** F1-41 hydraulic pump gearbox mounted
- **HPG-F61** F1-61 hydraulic pump gearbox mounted
- **STWM-LE** Steering wheel material - leather
- **ACCLF-D** Acceleration Limiting Feature - Disabled
- **ACCLF-E** Acceleration Limiting Feature - Enabled
- **ESP-BAS1** ESP package (tractor/trailer combinations with ABS. Rigid with standard COG)
- **ESP-BAS2** ESP package (tractor/trailer combinations without ABS)
- **HWSS-ACB** ACC & forward collision warning & emergency braking.
- **LSS-DW** With lane departure system
- **LCS** Lane change support
- **DAS-W** Driver alert support warning

- Standard Equipment
- Optional Equipment

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

For all possible options and combinations of options please consult your Volvo sales contact who can create a specification to match your requirements using the Volvo Sales Support system (VSS).

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MODEL RANGE

New FH13 8x4 Tractor Air Suspension FH 84TF 3A

<input type="checkbox"/> RSSENS-W	Rain sensor to activate wipers	<input type="checkbox"/> INLI-NL	Interior white and red (night) light
<input checked="" type="checkbox"/> CU-ECC	Climate controlled air conditioning	<input type="checkbox"/> INLI-NLD	Interior light including night light and dimmer function
<input type="checkbox"/> IMMOBIL	Engine immobiliser	<input type="checkbox"/> ARL-FLEX	Flexible reading lamp (snake light)
<input type="checkbox"/> ALARM-B	Anti-theft alarm (cab)	<input checked="" type="checkbox"/> RH-ER	Roof hatch-electric (metal emergency exit)
<input type="checkbox"/> AMPL400	400 watts, 8 channel amplifier Including a subwoofer	<input type="checkbox"/> RH-ETR	Roof hatch-electric (tinted glass & rear opening)
<input type="checkbox"/> BUPMON	Back-up camera	<input type="checkbox"/> VANMIR	Vanity mirror
<input checked="" type="checkbox"/> ISUNS-DS	Interior side sunvisor - driver's door	<input type="checkbox"/> AS-FUS	Auxiliary shelf, front upper storage
<input type="checkbox"/> ISUNF-RE	Interior sunvisor - front (electric)	<input type="checkbox"/> INFOT-PK	LCD screen mount - 6kgs max
<input checked="" type="checkbox"/> ISUNF-RM	Interior sunvisor - front (manual)	Cab exterior	
<input checked="" type="checkbox"/> CSPL-BXD	Centre section dash panel pull out drawer	<input checked="" type="checkbox"/> EXTL-BAS	Standard exterior trim level
<input type="checkbox"/> ADFS	2 din slots in front shelf	<input type="checkbox"/> EXTL-EN2	Enhanced exterior trim level 2
<input checked="" type="checkbox"/> BUPALARM	Reverse alarm	<input type="checkbox"/> EXTL-ENH	Enhanced exterior trim level.
<input type="checkbox"/> LOADIND	Load indicator, electronic controlled suspension (SUSPL-EC)	<input checked="" type="checkbox"/> DGLAS-H	Hardened door glass
<input type="checkbox"/> REMC-MF	Multifunction wireless remote control	<input type="checkbox"/> DGLAS-L	Laminated door glass
<input checked="" type="checkbox"/> FIREX25A	Fire extinguisher 2.5 kg	<input checked="" type="checkbox"/> LOCK-CTL	Central door locking-Key
<input checked="" type="checkbox"/> WRITEPAD	Storable steering wheel flip clip board	<input type="checkbox"/> LOCK-REM	Central door locking with remote control
<input checked="" type="checkbox"/> DST-CF5	Fully adjustable driver's comfort seat Air suspension, heated, integrated safety belt	<input checked="" type="checkbox"/> BUMP-B	Bumper - plastic
<input type="checkbox"/> SBD-RED	Red safety belts, pass. & driver seats	<input type="checkbox"/> BUMP-B2	Bumper - steel
<input checked="" type="checkbox"/> SBPRE-DS	Drivers seat belt pretensioner	<input type="checkbox"/> WILDBAR	Wildbar
<input checked="" type="checkbox"/> PST-BAS1	Basic passenger's seat	<input type="checkbox"/> BUMP-SP	Bumper spoiler
<input type="checkbox"/> PST-CF5	Fully adjustable passenger comfort seat Air suspension, heated, safety belt	<input checked="" type="checkbox"/> BUGNET	Insect net in front of radiator
<input type="checkbox"/> SBPRE-PS	Passenger seatbelt pretensioner	<input checked="" type="checkbox"/> CTILT-P-E	Electrical cab tilt pump
<input type="checkbox"/> ARMRE-BB	Armrests both sides - driver's & passenger's seat	<input type="checkbox"/> FCABS-A	Front cab suspension-air bellows
<input checked="" type="checkbox"/> ARMRE-DB	Armrests both sides - driver's seat	<input checked="" type="checkbox"/> FCABS-M	Front cab suspension-mechanical spring
<input checked="" type="checkbox"/> ARU-LEA	Seat armrest upholstery - leather	<input type="checkbox"/> RCABS-A	Rear cab suspension-air bellows
<input checked="" type="checkbox"/> GRABHI-B	Instep grab handle - standard	<input checked="" type="checkbox"/> RCABS-M	Rear cab suspension-mechanical spring
<input type="checkbox"/> GRABHI-L	Instep grab handle - leather bound	<input checked="" type="checkbox"/> MIRFLA3	Electrically operated flat mirrors Wide angle and close view mirror both sides
<input checked="" type="checkbox"/> FMAT-RUB	Floor mats - rubber	<input type="checkbox"/> MIRFLACP	Electrically heated & operated flat glass mirrors with front monitoring camera on passenger side.
<input checked="" type="checkbox"/> LBK80F	Lower bunk 815mm wide	<input checked="" type="checkbox"/> SUNV-H	Exterior sunvisor
<input checked="" type="checkbox"/> LBK80FRE	Lower bunk 815mm wide, electrically reclinable	<input type="checkbox"/> AD-ROOF	Aero-dynamic roof mounted deflector
<input type="checkbox"/> LBK80FRM	Lower bunk 815mm wide, manually reclinable	<input type="checkbox"/> AD-SIDEL	Aero-dynamic cab side deflectors
<input checked="" type="checkbox"/> MATL-FI	Mattress lower bunk - firm	<input type="checkbox"/> GUARD-W	Windscreen stoneguard
<input type="checkbox"/> MATL-SF	Mattress lower bunk - semi firm	<input checked="" type="checkbox"/> HL-BASIC	Standard head lamps
<input type="checkbox"/> OLMAT-BA	Mattress overlay - basic	<input type="checkbox"/> HL-CLEAN	Head lamp cleaning system
<input type="checkbox"/> TBK70AD	Top bunk 700mm wide, foldable & height adjustable	<input type="checkbox"/> HL-ADJ	Headlight adjustment - manual
<input type="checkbox"/> TBK70F	Top bunk 700mm wide, foldable	<input checked="" type="checkbox"/> DRL-LED	V-shaped LED daytime running light
<input checked="" type="checkbox"/> SLCP-BAS	Standard sleeper control panel	<input checked="" type="checkbox"/> DRIVL2	Integrated driving lamps
<input type="checkbox"/> SLCP-LUX	Sleeper control panel	<input type="checkbox"/> UDRIVL	Without driving lights
<input type="checkbox"/> SAFE	Safe box at bed-end	<input checked="" type="checkbox"/> FOGL-WC	Integrated fog lamps
<input type="checkbox"/> RUS-BAS	Rear upper cab storage - 154 litres for Sleeper/Globetrotter & 60 litres for Day Cab	<input type="checkbox"/> CL-STAT	Corner light-static
<input type="checkbox"/> RUS-HIG	Rear upper cab storage - 245 litres	<input type="checkbox"/> ASL-RF2	Auxiliary spotlights inside Globetrotter sign box
<input type="checkbox"/> TABLE	Table	<input checked="" type="checkbox"/> IDLAMP-A	Identification lamps-amber
<input type="checkbox"/> REFR-RUS	28 litre refrigerator in upper rear storage	<input type="checkbox"/> BEACON-P	Beacon light wire preparation
<input type="checkbox"/> REFRIG	33 litre refrigerator under lower bunk	<input checked="" type="checkbox"/> SPOTP-F	Aux spotlamp preparation, 280W maximum
<input type="checkbox"/> MICRO-PK	Preparation kit for microwave	<input type="checkbox"/> ROS-ILP	Globetrotter illuminated cab sign prep kit
<input checked="" type="checkbox"/> BOTH-D	Bottle holder in driving area	<input type="checkbox"/> CSGN-GTR	Globetrotter decal
<input type="checkbox"/> BOTH-DL	Bottle holder in driving & resting areas	<input checked="" type="checkbox"/> HORN-F1S	Single electric Jericho air horn (behind grill)
<input type="checkbox"/> BOTH-L	Bottle holder in resting area	<input type="checkbox"/> HORN-R2S	Chromed air horns, two roof mounted
<input checked="" type="checkbox"/> SOL12S	12v outlet in sleeper area	<input type="checkbox"/> ANT-CBR	Antenna for CB radio, single antenna
<input checked="" type="checkbox"/> INLI-BAS	Interior night lights	<input type="checkbox"/> STUC-B	Storage compartments under cab-both sides

Standard Equipment Optional Equipment

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- **5WM-OBLP** 5th wheel L-profiles
- **SRWL-PK** Wiring prep for chassis mounted reverse/working lamps-3 position switch
- **SWL-PK** Wiring prep for chassis-mounted working lamps-2 position switch
- **WL-TA1W** Fifth wheel light
- **WLC-H2W** 2 x H3/70W high mounted work lamps with white lens.
- **WLC-PKH** Prep kit for high mounted work lamps.
- **WLC-PKL** Prep kit for low mounted work lamps.
- **WLC-PKLH** Prep kit for low and high mounted work lamps.
- **ECBB-HIG** Body builder module - cab module
- **BBCHAS1** Body builder chassis electrical interface, 1 x 7 pin connector
- **BBCHAS3** Body builder chassis electrical interface, 3 x 7 pin connectors
- **AESW2PK** 2 flexible switches (AUX1 & AUX2) + additional 4 flexible switches
- **AUXSW-4** 4 extra bi-stable switches wired to BBM

Delivery services

- **TGW-4GWL** Telematics Gateway with 4G/LTE & WLAN
- **FMS-PK** Fleet management system gateway
- **DRUT2** "My Truck" smartphone app. 2 year prepaid