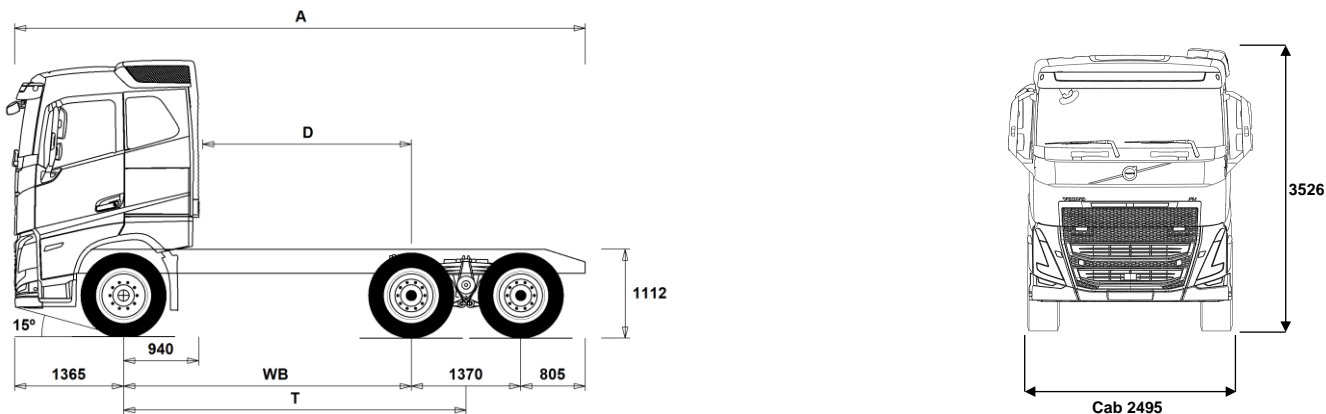


MODEL RANGE

New FH13 6x4 Tractor Leaf Suspension FH 64T 3L



Chassis Dimensions [mm]

WB Wheelbase	3600
A Overall Chassis Length	7140
D Center of rear axle to back of cab	2610
T Theoretical Wheelbase	4285

Chassis Weights [kg]

Front Axle	4795
Rear Bogie	3660
Kerb Weight	8455

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	15100
Turning Circle Diameter Wall to Wall	16500

Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	23000	28100
Gross Combination Weight	42500	44000
Front Axle	6500	7100
Rear Bogie	16500	21000

Important Notes

Chassis Dimensions

Cab Height: +305 mm for CAB-HSLP, -285 mm for CAB-LSLP, +450 mm for CAB-XHSL.

Front Axle to Back of Cab: +141 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.

Weight and dimensions are based upon the following tyres:

Front Axle Tyres:	315/80R22.5
Drive Axle Tyres:	315/80R22.5

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

Turning diameters are theoretically calculated.

Legal weights can differ from country to country.

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

Do NOT use this drawing for bodybuilding. Refer to Volvo Bodybuilder Instructions and chassis assembly drawing FH64T3L.

MODEL RANGE

New FH13 6x4 Tractor Leaf Suspension FH 64T 3L

Core components

- **CHH-HIGH** Chassis Height (high) approx. 1025-1050mm (depending on tyre selection)
- **RADD-BR** Parabolic spring rear leaf suspension
- **FH-LSLP5** Low Sleeper cab
- **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
- **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-PAR** Parabolic leaf spring front suspension
- **FST-PAR3** 3 leaf parabolic front springs (stiffer than normal)
- **FAL7.1** Front axle load 7.1 tonnes
- **FAL7.5** Front axle load 7.5 tonnes
- **FSTAB** Front stabilizer, normal stiffness
- **FSTAB2** Front stabiliser bar increased stiffness
- **FSTAB3** Heavy duty front stabiliser bar
- **RAL21** Rear suspension load rating: 21,000 kg
- **ACTST-TO** Volvo Dynamic Steering
- **ASFE-PO** Dynamic steering active features with personal settings and oversteer guidance
- **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
- **FST7070** Frame section thickness 7mm
- **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)
- **R385A71S** RHS 385 litre alloy fuel tank with steps
Min volume 385l
Max volume 690l
- **L415A71S** LHS 415 litre alloy fuel tank with steps
Min volume 415l
Max volume 690l
- **ADTP-L** AdBlue tank position - LHS

- **ADTP-M** AdBlue tank position - Underbelly
- **ADB064** AdBlue tank 64 litres
- **ADB090** AdBlue tank 90 litres
- **ADB150** AdBlue tank 150 litres (underbelly)
- **ADB190** AdBlue tank 190 litres (underbelly)
- **FCAP-L** Fuel tank cap with lock
- **ESH-RIGH** Muffler horizontal, right exhaust outlet
- **ESH-VERT** Muffler horizontal, vertical exhaust outlet on right hand side
- **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-15T** 15 tonne capacity jack and 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
- **AIRIN-HI** High air intake, roofline position
- **AIRIN-LO** Low air intake, rear of cab position
- **ACL1ST-S** Air cleaner with two stage filter element
- **24AL120B** High capacity alternator, 120 Ampere.
- **24AL150B** Alternator - 150 Amp
- **FUEFE2LW** Dual fuel filter, engine mounted with water separator-large
- **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

■ Standard Equipment □ Optional Equipment

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

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MODEL RANGE

New FH13 6x4 Tractor Leaf Suspension FH 64T 3L

<input type="checkbox"/> PTR-D	Low speed PTO with DIN connection	<input type="checkbox"/> LBK80FRE	Lower bunk 815mm wide, electrically reclinable
<input type="checkbox"/> PTR-DH	High speed PTO with DIN connection	<input type="checkbox"/> LBK80FRM	Lower bunk 815mm wide, manually reclinable
<input type="checkbox"/> PTR-DM	Medium speed PTO with DIN connection	<input checked="" type="checkbox"/> MATL-FI	Mattress lower bunk - firm
<input type="checkbox"/> PTR-F	Rear PTO trans.flange 100% speed	<input type="checkbox"/> MATL-SF	Mattress lower bunk - semi firm
<input type="checkbox"/> PTR-FH	High speed PTO with flange connection	<input type="checkbox"/> OLMAT-BA	Mattress overlay - basic
<input type="checkbox"/> PTR-FL	Low speed PTO with flange connection	<input type="checkbox"/> TBK70AD	Top bunk 700mm wide, foldable & height adjustable
<input type="checkbox"/> PTRD-D	PTO with 2 DIN connections rear + 1 DIN connection front	<input type="checkbox"/> TBK70F	Top bunk 700mm wide, foldable
<input type="checkbox"/> PTRD-D1	PTO with 1 DIN + 1 flange connection rear + 1 DIN connection front	<input checked="" type="checkbox"/> SLCP-BAS	Standard sleeper control panel
<input type="checkbox"/> PTRD-D2	PTO with 2 flange connection rears + 1 DIN connection front	<input type="checkbox"/> SLCP-LUX	Sleeper control panel
<input type="checkbox"/> PTRD-F	PTO with 1 DIN + 1 flange connection rear	<input type="checkbox"/> SAFE	Safe box at bed-end
<input type="checkbox"/> HPG-F101	F1-101 hydraulic pump gearbox mounted	<input type="checkbox"/> RUS-BAS	Rear upper cab storage - 154 litres for Sleeper/Globetrotter & 60 litres for Day Cab
<input type="checkbox"/> HPG-F41	F1-41 hydraulic pump gearbox mounted	<input type="checkbox"/> RUS-HIG	Rear upper cab storage - 245 litres
<input type="checkbox"/> HPG-F61	F1-61 hydraulic pump gearbox mounted	<input type="checkbox"/> TABLE	Table
<input type="checkbox"/> HPG-F81	F1-81 hydraulic pump gearbox mounted	<input type="checkbox"/> REFR-RUS	28 litre refrigerator in upper rear storage
<input type="checkbox"/> STWM-LE	Steering wheel material - leather	<input type="checkbox"/> REFRIG	33 litre refrigerator under lower bunk
<input type="checkbox"/> ACCLF-D	Acceleration Limiting Feature - Disabled	<input type="checkbox"/> MICRO-PK	Preparation kit for microwave
<input type="checkbox"/> ACCLF-E	Acceleration Limiting Feature - Enabled	<input checked="" type="checkbox"/> BOTH-D	Bottle holder in driving area
<input checked="" type="checkbox"/> ESP-BAS1	ESP package (tractor/trailer combinations with ABS. Rigid with standard COG)	<input type="checkbox"/> BOTH-DL	Bottle holder in driving & resting areas
<input type="checkbox"/> ESP-BAS2	ESP package (tractor/trailer combinations without ABS)	<input type="checkbox"/> BOTH-L	Bottle holder in resting area
<input checked="" type="checkbox"/> HWSS-ACB	ACC & forward collision warning & emergency braking.	<input checked="" type="checkbox"/> SOL12S	12v outlet in sleeper area
<input checked="" type="checkbox"/> LSS-DW	With lane departure system	<input checked="" type="checkbox"/> INLI-BAS	Interior night lights
<input checked="" type="checkbox"/> LCS	Lane change support	<input type="checkbox"/> INLI-NL	Interior white and red (night) light
<input checked="" type="checkbox"/> DAS-W	Driver alert support warning	<input type="checkbox"/> INLI-NLD	Interior light including night light and dimmer function
<input type="checkbox"/> RSENS-W	Rain sensor to activate wipers	<input type="checkbox"/> ARL-FLEX	Flexible reading lamp (snake light)
<input checked="" type="checkbox"/> CU-ECC	Climate controlled air conditioning	<input checked="" type="checkbox"/> RH-ER	Roof hatch-electric (metal emergency exit)
<input type="checkbox"/> IMMOBIL	Engine immobiliser	<input type="checkbox"/> RH-ETR	Roof hatch-electric (tinted glass & rear opening)
<input type="checkbox"/> ALARM-B	Anti-theft alarm (cab)	<input type="checkbox"/> VANMIR	Vanity mirror
<input type="checkbox"/> AMPL400	400 watts, 8 channel amplifier including a subwoofer	<input type="checkbox"/> AS-FUS	Auxiliary shelf, front upper storage
<input type="checkbox"/> BUPMON	Back-up camera	<input type="checkbox"/> INFOT-PK	LCD screen mount - 6kgs max
<input checked="" type="checkbox"/> ISUNS-DS	Interior side sunvisor - driver's door	Cab exterior	
<input type="checkbox"/> ISUNF-RE	Interior sunvisor - front (electric)	<input checked="" type="checkbox"/> EXTL-BAS	Standard exterior trim level
<input checked="" type="checkbox"/> ISUNF-RM	Interior sunvisor - front (manual)	<input type="checkbox"/> EXTL-EN2	Enhanced exterior trim level 2
<input checked="" type="checkbox"/> CSPL-BXD	Centre section dash panel pull out drawer	<input type="checkbox"/> EXTL-ENH	Enhanced exterior trim level.
<input type="checkbox"/> ADFS	2 din slots in front shelf	<input checked="" type="checkbox"/> DGLAS-H	Hardened door glass
<input checked="" type="checkbox"/> BUPALARM	Reverse alarm	<input type="checkbox"/> DGLAS-L	Laminated door glass
<input type="checkbox"/> REMC-MF	Multifunction wireless remote control	<input checked="" type="checkbox"/> LOCK-CTL	Central door locking-Key
<input checked="" type="checkbox"/> FIREX25A	Fire extinguisher 2.5 kg	<input type="checkbox"/> LOCK-REM	Central door locking with remote control
<input checked="" type="checkbox"/> WRITEPAD	Storable steering wheel fit clip board	<input checked="" type="checkbox"/> BUMP-B	Bumper - plastic
<input checked="" type="checkbox"/> DST-CF5	Fully adjustable driver's comfort seat Air suspension, heated, integrated safety belt	<input type="checkbox"/> BUMP-B2	Bumper - steel
<input type="checkbox"/> SBD-RED	Red safety belts, pass. & driver seats	<input type="checkbox"/> WILDBAR	Wildbar
<input checked="" type="checkbox"/> SBPRE-DS	Drivers seat belt pretensioner	<input type="checkbox"/> BUMP-SP	Bumper spoiler
<input checked="" type="checkbox"/> PST-BAS1	Basic passenger's seat	<input checked="" type="checkbox"/> BUGNET	Insect net in front of radiator
<input type="checkbox"/> PST-CF5	Fully adjustable passenger comfort seat Air suspension, heated, safety belt Passenger relax seat with swivel and tilt	<input checked="" type="checkbox"/> CTILT-P-E	Electrical cab tilt pump
<input type="checkbox"/> PST-RX1	Passenger seatbelt pretensioner	<input type="checkbox"/> FCABS-A	Front cab suspension-air bellows
<input type="checkbox"/> SBPRE-PS	Passenger seatbelt pretensioner	<input checked="" type="checkbox"/> FCABS-M	Front cab suspension-mechanical spring
<input type="checkbox"/> ARMRE-BB	Armrests both sides - driver's & passenger's seat	<input type="checkbox"/> RCABS-A	Rear cab suspension-air bellows
<input checked="" type="checkbox"/> ARMRE-DB	Armrests both sides - driver's seat	<input checked="" type="checkbox"/> RCABS-M	Rear cab suspension-mechanical spring
<input checked="" type="checkbox"/> ARU-LEA	Seat armrest upholstery - leather	<input checked="" type="checkbox"/> MIRFLA3	Electrically operated flat mirrors Wide angle and close view mirror both sides
<input checked="" type="checkbox"/> GRABHI-B	Instep grab handle - standard	<input type="checkbox"/> MIRFLACP	Electrically heated & operated flat glass mirrors with front monitoring camera on passenger side.
<input type="checkbox"/> GRABHI-L	Instep grab handle - leather bound	<input checked="" type="checkbox"/> SUNV-H	Exterior sunvisor
<input checked="" type="checkbox"/> FMAT-RUB	Floor mats - rubber	<input type="checkbox"/> AD-ROOF	Aero-dynamic roof mounted deflector
<input checked="" type="checkbox"/> LBK80F	Lower bunk 815mm wide	<input type="checkbox"/> AD-SIDEL	Aero-dynamic cab side deflectors
		<input type="checkbox"/> GUARD-W	Windscreen stoneguard

Standard Equipment

Optional Equipment

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- **HL-BASIC** Standard head lamps
- **HL-CLEAN** Head lamp cleaning system
- **HL-ADJ** Headlight adjustment - manual
- **DRL-LED** V-shaped LED daytime running light
- **DRIVL2** Integrated driving lamps
- **UDRIVL** Without driving lights
- **FOGL-WC** Integrated fog lamps
- **CL-STAT** Corner light-static
- **ASL-RF2** Auxiliary spotlights inside Globetrotter sign box
- **IDLAMP-A** Identification lamps-amber
- **BEACON-P** Beacon light wire preparation
- **SPOTP-F** Aux spotlight preparation, 280W maximum
- **ROS-ILP** Globetrotter illuminated cab sign prep kit
- **CSGN-GTR** Globetrotter decal
- **HORN-F1S** Single electric Jericho air horn (behind grill)
- **HORN-R2S** Chromed air horns, two roof mounted
- **ANT-CBR** Antenna for CB radio, single antenna
- **STUC-B** Storage compartments under cab-both sides

Superstructure

- **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.
- **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
- **EXSTER** External steering via body builder's module
- **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