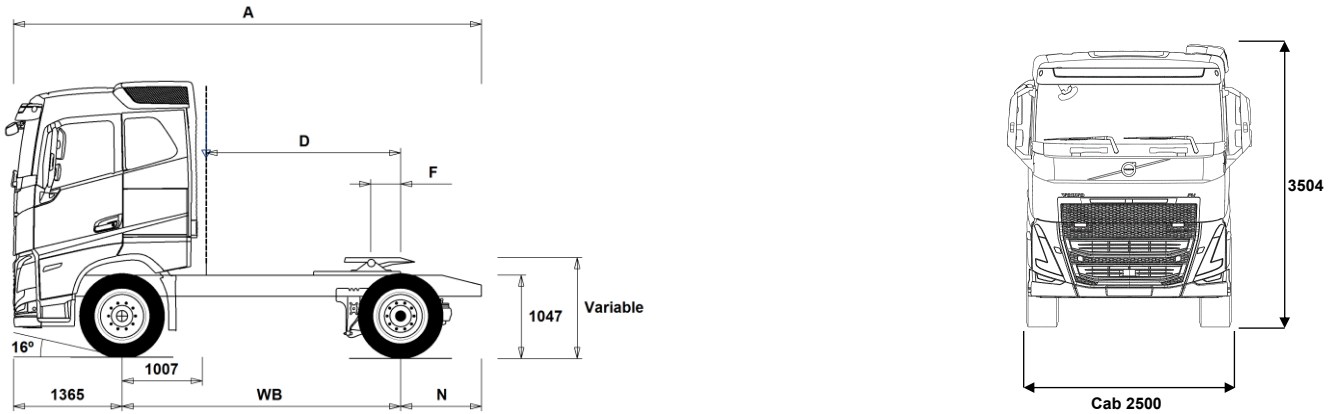


MODEL RANGE

FH 13 4x2 Tractor - Rear Air Suspension FH 42T 3A



Chassis Dimensions [mm]

WB Wheelbase	3500	3600	3700	3800
A Overall Chassis Length	5880	5980	6080	6180
D Center of rear axle to back of cab	2443	2543	2643	2743
N Rear Overhang (Min.)	825	825	825	825
N Rear Overhang (Max.)	1015	1015	1015	1015
F Fifth Wheel Position (EC Directive 96/53)	375	375	375	375

Chassis Weights [kg]

Front Axle	5000	4995	4995	4995
Rear Axle	1835	1845	1850	1860
Kerb Weight	6835	6840	6845	6855

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	12700	13100	13400	13700
Turning Circle Diameter Wall to Wall	14100	14400	14700	15000

Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	18000	20500
Gross Combination Weight	40000	44000
Front Axle	7500	7500
Rear Axle	11500	13000

Important Notes

Chassis Dimensions

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

Front Axle to Back of Cab: +74 mm for CAB-LSLP, +607 mm for CAB-XHES.

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.

Height change when chassis height CHH-MED,FRAME266: 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 ± 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 FH42T3A.

MODEL RANGE

FH 13 4x2 Tractor - Rear Air Suspension FH 42T 3A

TRUCK USE

- RC-ROUGH** Road conditions - On / off-road
- RC-SMOOTH** Road Conditions - Smooth

CORE COMPONENTS

- CHH-HIGH** Chassis height - High - for loading heights check the unique BEP chassis drawing attached to this quote
- CHH-LOW** Chassis height - Low - for loading heights check the unique BEP chassis drawing attached to this quote
- CHH-MED** Chassis height - Medium - for loading heights check the unique BEP chassis drawing attached to this quote
- CHH-XLOW** Chassis height - Extra-low - for loading heights check the unique BEP chassis drawing attached to this quote
- RAD-G4** Rear suspension - 4 bag air lightweight - high
- RAD-GR** Rear suspension - 4 bag air - high
- FH-AHSLP** Cab - Aero Globetrotter sleeper, all steel safety cage design with roof mounted emergency escape hatch. Designed and built to Swedish impact and ECE R29 regulations
- FH-ALSLP** Cab - Aero low sleeper, all-steel safety cage design. Built to Swedish impact and ECE R29 regulations
- FH-ASLP** Cab - Aero sleeper, all-steel safety cage design with roof-mounted emergency escape hatch. Designed and built to Swedish impact and ECE R29 regulations
- FH-AXHES** Cab - Aero Globetrotter XXL sleeper cab for heavy haulage applications only
- FH-AXHSL** Cab - Aero Globetrotter XL sleeper, all steel safety cage design with roof mounted emergency escape hatch. Designed and built to Swedish impact and ECE R29 regulations
- FH-HSLP6** Cab - Globetrotter, all steel safety cage design with roof mounted emergency escape hatch. Designed and built to Swedish impact and ECE R29 regulations
- FH-LSLP6** Cab - Low Sleeper, all-steel safety cage design. Built to Swedish impact and ECE R29 regulations
- FH-SLP6** Cab - Sleeper, all-steel safety cage design with roof-mounted emergency escape hatch. Designed and built to Swedish impact and ECE R29 regulations
- FH-XHES6** Globetrotter XXL sleeper cab for heavy haulage applications only
- FH-XHSL6** Cab - Globetrotter XL, all steel safety cage design with roof mounted emergency escape hatch. Designed and built to Swedish impact and ECE R29 regulations
- EU6HT** Emission level - Euro VI step E
- EU6SCR** Emission level - Euro VI step E
- D13S420A** Engine - New D13K420 12.8 litre developing 420hp at 14-1800rpm. Peak torque 2100Nm at 860 -1400rpm.
- D13S460A** Engine - New D13K460 12.8 litre developing 460hp at 14-1800rpm. Peak torque 2300Nm at 900-1400rpm.
- D13S500A** Engine - New D13K500 12.8 litre developing 500hp at 14-1800rpm. Peak torque 2500Nm at 1000-1400rpm.
- D13S540A** Engine - New D13K540 12.8 litre developing 540hp at 14-1800rpm. Peak torque 2600Nm at 1000-1450rpm.
- D13T420A** Engine - New D13K420TC 12.8 litre Turbo-compound diesel developing 420hp at 14-1800rpm. Peak torque 2400Nm at 900-1250rpm.
- D13T460A** Engine - New D13K460TC 12.8 litre Turbo-compound diesel developing 460hp at 14-1800rpm. Peak torque 2600Nm at 900-1250rpm.
- D13T480A** Engine - New D13K480TC 12.8 litre Turbo-compound diesel developing 480hp at 1250-1600rpm. Peak torque 2700Nm at 900-1250rpm.
- D13T500A** Engine - New D13K500TC 12.8 litre Turbo-compound diesel developing 500hp at 14-1800rpm. Peak torque 2800Nm at 900-1250rpm.

- D13K420** D13K420 - 420hp engine
- D13K460** D13K460 - 460hp engine
- D13K500** D13K500 - 500hp engine
- D13K540** D13K540 - 540hp engine
- DIESEL** Fuel Type - Diesel
- DIESEL-B** Fuel Type - Biodiesel - engine hardware - For use with up to 100% FAME EN14214 with reduced service interval and exhaust after-treatment life
- EBR-EPG** Engine brake type - Exhaust brake controlled by steering column switch
- EBR-EPGC** Engine brake type - Exhaust pressure governor for I shift gearbox
- EBR-VEB+** Engine brake type - Volvo engine brake + and exhaust pressure governor, enhanced performance from additional exhaust rocker control. Retardation 375kW
- AT2612** Gearbox - AT2612 12-speed "I-Shift" automated mechanical suitable for gross train weights up to 60 tonne only. Refer to sales engineering when used in conjunction with a PTO
- AT2812** Gearbox - AT2812 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
- ATO2612** Gearbox - ATO2612F 12-speed I-Shift overdrive automated mechanical, suitable for gross train weights up to 100 tonne. Refer to sales engineering when used in conjunction with a PTO
- ATO3112** Gearbox - ATO3112 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
- SPO2812** Gearbox - SPO2812 - 12-speed I-shift Dual Clutch automated mechanical GCW 60tonne
- RSH1370F** Drive axle - RSH1370F 13-tonne hub reduction with differential lock - design GCW 70 tonne
- RSS1344F** Drive axle - RSS1344F single reduction with differential lock, design GCW 44 tonne
- RSS1352B** Drive axle - RSS1352B single reduction 13 tonne with differential lock - design GCW 52 tonne
- RSS1370B** Drive axle - RSS1370B single reduction 13 tonne with differential lock - design GCW 70 tonne
- RSS1370C** Drive axle - RSS1370C single reduction 13 tonne with differential lock - design GCW 70 tonne

PACKAGES

- WEIGHTO** Weight optimisation package
- FP-D13** Fuel Package
- AIRFLOW** Air flow package including roof and side air deflectors plus chassis skirts
- DRIV-EXT** Cab package - Drive Extended
- DRIV-SEL** Cab Package - Drive Select
- 1LIVIN++** Sleep & Resting Package - Living one-bed ++
- 1LIVING** Sleep & Resting Package - Living one-bed
- 1LIVING+** Sleep & Resting Package - Living one-bed +
- 2LIVIN++** Sleep & Resting Package - Living two-bed ++
- 2LIVING** Sleep & Resting Package - Living two-bed
- 2LIVING+** Sleep & Resting Package - Living two-bed +
- INFOHIGH** Media Information Platform - Medium level
- SAFE-EXT** Safety Package - Extended
- SAFE-SEL** Safety Package - Select
- COOLCM22** Energy optimization++ package

CHASSIS

- FST-AIR** Front suspension type - Air
- FST-PAR** Front suspension type - 2 leaf parabolic springs
- FST-PAR3** Front suspension type - 3 leaf parabolic springs
- FST-PL1** Front suspension type - Lightweight 2 leaf parabolic springs - top leaf steel - lower composite
- FSLs-BAS** Front suspension levelling - basic stroke

- 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

FH 13 4x2 Tractor - Rear Air Suspension FH 42T 3A

<input type="checkbox"/> FSL5-HI	Front suspension levelling - high stroke for demount operations - check with bodybuilder	Min volume 255l Max volume 810l
<input type="checkbox"/> FAL10.0	Front axle design capacity - 10 tonne - check tyre capacity	<input checked="" type="checkbox"/> UL-FUEL Left fuel tank - Without Min volume 160l Max volume 900l
<input checked="" type="checkbox"/> FAL7.5	Front axle design capacity - 7.5 tonne	
<input type="checkbox"/> FAL8.0	Front axle design capacity - 8.0 tonne - check tyre capacity	
<input type="checkbox"/> FAL8.5	Front axle design capacity - 8.5 tonnes	
<input type="checkbox"/> FAL9.0	Front axle design capacity - 9.0 tonne - check tyre capacity	
<input type="checkbox"/> FSM-LUB	Front suspension maintenance - Lubricated rear shackles on pins and bushings	<input type="checkbox"/> ADTP-BC AdBlue tank position - Behind and under the cab on the right-hand side
<input checked="" type="checkbox"/> FSTAB	Front anti-roll bar - Normal stiffness	<input type="checkbox"/> ADTP-L AdBlue tank position - Chassis mounted on the left-hand side
<input type="checkbox"/> FSTAB2	Front anti-roll bar - Medium stiffness	<input checked="" type="checkbox"/> ADTP-R AdBlue tank position - Chassis mounted on the right-hand side
<input type="checkbox"/> FSTAB3	Front anti-roll bar - High stiffness	<input type="checkbox"/> ADB048 Plastic AdBlue tank - 48 litre
<input type="checkbox"/> RAL11.5	Rear axle design capacity - 11.5 tonne	<input checked="" type="checkbox"/> ADB064 Plastic AdBlue tank - 64 litre
<input type="checkbox"/> RAL11.7	Rear axle design capacity - 11.7 tonnes	<input type="checkbox"/> ADB065 Plastic AdBlue tank - 65 litre under/behind the cab
<input type="checkbox"/> RAL12	Rear axle design capacity - 12 tonnes	<input type="checkbox"/> ADB068 Plastic AdBlue tank - 68 litre
<input checked="" type="checkbox"/> RAL13	Rear axle design capacity - 13 tonne	<input type="checkbox"/> ADB083 Plastic AdBlue tank - 83 litre
<input checked="" type="checkbox"/> RSTAB1	Rear anti-roll bar - Normal stiffness	<input type="checkbox"/> ADB090 Plastic AdBlue tank - 90 litre
<input type="checkbox"/> RSTAB3	Rear anti-roll bar - Stiff	<input type="checkbox"/> ADB099 Plastic AdBlue tank - 99 litre under/behind the cab
<input checked="" type="checkbox"/> ASF-DL3	Air suspension with 3 driving levels	<input type="checkbox"/> ADB112 Plastic AdBlue tank - 112 litre
<input type="checkbox"/> ACTST-TO	Active Steering- Volvo Dynamic Steering - VDS - with extra electronic pump and torque overlay	<input type="checkbox"/> ADTC-BF AdBlue tank cover with satin alloy look decorative cover
<input type="checkbox"/> ASFE-BAS	Active steering feature - Basic - Volvo Dynamic Steering - VDS - only	<input checked="" type="checkbox"/> FCAP-L Diesel and AdBlue filler cap - Locking
<input type="checkbox"/> ASFE-OG	Active steering feature - Volvo Dynamic Steering - VDS - with stability assist - oversteer	<input type="checkbox"/> FUFF-AS Fuel filler - Anti-spill device
<input type="checkbox"/> ASFE-PO	Active steering feature - Volvo Dynamic Steering - VDS - with personal settings and stability assist	<input checked="" type="checkbox"/> FUFF-ATS Fuel filler - Anti-spill & anti-syphon device
<input type="checkbox"/> ASFE-PS	Active steering feature - Volvo Dynamic Steering - VDS - with personal settings	<input type="checkbox"/> ESH-LEFT Exhaust - Horizontal silencer - left outlet
<input checked="" type="checkbox"/> PSP-FIX	Power steering pump - Fixed displacement	<input checked="" type="checkbox"/> ESH-REAR Exhaust - Horizontal silencer - rear outlet
<input type="checkbox"/> PSP-VAR	Power steering pump - Variable displacement	<input type="checkbox"/> ESH-RIGH Exhaust - Horizontal silencer - right outlet
<input type="checkbox"/> PSP-VAR2	Power steering pump - Variable displacement with electronic control	<input type="checkbox"/> ESH-VERT Exhaust - Horizontal silencer - vertical outlet
<input checked="" type="checkbox"/> EBS-MED	Brake package - EBS medium including "hill" hold function	<input type="checkbox"/> EXST-SSP Stainless steel exhaust stack - NOT polished
<input checked="" type="checkbox"/> AUXPARK	Auxiliary parking brake - Additional spring brakes	<input type="checkbox"/> EXST-ST Steel exhaust stack
<input checked="" type="checkbox"/> RST-AIR	Rear suspension type - Air	<input type="checkbox"/> WHC-FIX1 Wheel chock - One fixed design
<input type="checkbox"/> RST-AIR6	Rear suspension type - Air	<input type="checkbox"/> WHC-FIX2 Wheel chocks - Two fixed design
<input checked="" type="checkbox"/> FRAME266	Chassis frame section external height - 266 mm	<input type="checkbox"/> WHC-FOL1 One foldable wheel chock
<input checked="" type="checkbox"/> FRAME300	Chassis frame section external height - 300 mm	<input type="checkbox"/> WHC-FOL2 Two foldable wheel chocks
<input type="checkbox"/> FST6060	Chassis frame thickness - 6 mm web and flange	<input type="checkbox"/> WHCP-F Wheel chock carrier position - In the front part of the vehicle
<input type="checkbox"/> FST6565	Chassis frame thickness - 6.5 mm web and flange	<input type="checkbox"/> WHCP-M Wheel chock carrier position - Middle part of the vehicle
<input type="checkbox"/> FST7070	Chassis frame thickness - 7 mm web and flange	<input type="checkbox"/> WHCP-T Wheel chock carrier position - Outer luggage locker
<input checked="" type="checkbox"/> FST8080	Chassis frame thickness - 8 mm web and flange	<input type="checkbox"/> TB-L80 Toolbox 800 mm, left side
<input type="checkbox"/> FIL-EEEB	Chassis frame inner liner - From the end of the engine to the end of the bogie	<input type="checkbox"/> TB-R80 Toolbox 800 mm, right side
<input type="checkbox"/> FIL-TXEB	Chassis frame inner liner - From gearbox member to the end of the bogie	<input type="checkbox"/> SUP-BAS Side guards - Check with bodybuilder chassis space requirements
<input type="checkbox"/> BBOX-EF	Battery box position - End of the frame in rear overhang	<input type="checkbox"/> SUP-LOW EC approved low chassis side guards
<input checked="" type="checkbox"/> BBOX-L	Battery box position - Left hand side	<input type="checkbox"/> CHAIN-S Snow chains
<input type="checkbox"/> BATS-D	Dual energy battery system - 2 living batteries and 2 starter batteries.	<input type="checkbox"/> HOOK-SC Snow chain hooks
<input checked="" type="checkbox"/> BATS-S	Single energy battery system (2 batteries)	<input checked="" type="checkbox"/> TOWF-NO1 Front towing device - One detachable - stored in cab
<input type="checkbox"/> 2BAT210B	Battery Capacity - 2 x 210 Ah - Gel type	<input checked="" type="checkbox"/> TOWF-NO2 Front towing device - Two detachable - stored in cab
<input checked="" type="checkbox"/> 2BAT210C	Battery Capacity - 2 x 210 Ah - AGM Absorbent Glass-fibre Material type	<input type="checkbox"/> TOWR-ONE Towing hitch attached to rear crossmember
<input checked="" type="checkbox"/> BATTAMP	Battery management - Voltage and current gauge	<input type="checkbox"/> TREL15 Trailer electrical connection - Single 15 pin - ADR certified
<input type="checkbox"/> BATTIND	Battery management - Voltage, current and charge indicators	<input type="checkbox"/> TREL7 7 pole - 24N trailer electrical suzie
<input type="checkbox"/> 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	<input checked="" type="checkbox"/> TREL7-7 Trailer electrical connection - 2 x 7 pin - 24N and 24S
<input type="checkbox"/> MSWI-A	Battery master switch - ADR switch circuit shut down	<input type="checkbox"/> TBC-DUO Trailer brake connections - Duomatic type
<input checked="" type="checkbox"/> MSWI-R	Battery master switch - Key fob operated remote controlled	<input type="checkbox"/> TBC-EC Trailer brake connections - EC palm coupling connectors
<input checked="" type="checkbox"/> R330A71	Right fuel tank - 330litre aluminium diameter 710mm	<input checked="" type="checkbox"/> TBC-GBR Trailer brake connections - 'C' and 'CA' type
		<input checked="" type="checkbox"/> TRBR-STA Stationary trailer brake control
		<input type="checkbox"/> TRB-STRE Stretch Brake - Automatic low speed trailer brake activation to avoid jack-knifing and improve steerability
		<input checked="" type="checkbox"/> RFEND-B Rear mud wings - Three piece EC approved and spray flaps
		<input checked="" type="checkbox"/> RFH-BAS Basic rear wing height
		<input type="checkbox"/> RFH-HIG High rear wing height - higher wing tops
		<input type="checkbox"/> RFH-LOW Lower rear wing height - shallower wing tops
		<input checked="" type="checkbox"/> ATANK-AL Air tanks - Aluminium
		<input checked="" type="checkbox"/> ATANK-ST Air tanks - Steel
		<input checked="" type="checkbox"/> TL-LED Rear lights - LED

Standard Equipment Optional Equipment

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MODEL RANGE

FH 13 4x2 Tractor - Rear Air Suspension FH 42T 3A

- **BLIGHT-E** Emergency brake light
- WHEELS & TYRES**
 - **RT-AL** Wheels - Howmet Alcoa brushed aluminium rims - standard holes for long stud fixing
 - **RT-AL1** Wheels - Howmet Alcoa brushed aluminium rims LVL one - standard holes for long stud fixing
 - **RT-AL1DU** Wheels - Howmet Alcoa brushed aluminium rims LVL one - countersunk holes for short stud fixing
 - **RT-ALDP** Wheels - Howmet Alcoa Dura-Bright aluminium rims - standard holes for long stud fixing
 - **RT-ALDPD** Wheels - Howmet Alcoa Dura-Bright EVO aluminium rims - countersunk holes for short stud fixing
 - **RT-ALDU** Wheels - Howmet Alcoa brushed aluminium rims - countersunk holes for short stud fixing
 - **RT-STEEL** Wheels - Steel rims
 - **WCAP** Aerodynamic hub caps
 - **SPWT-D** Spare wheel & tyre with rear tyre pattern
 - **SPWT-F** Spare wheel & tyre with front tyre pattern
 - **SWCP-LF** Spare wheel carrier on left side of chassis ahead of rear axle
 - **SWCP-RF** Spare wheel carrier on right 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** Toolkit - Basic
 - **TOOLKIT** Toolkit - Complete
 - **INFLAHOS** Tyre inflation hose
 - **GAUGE-TP** Tyre pressure gauge
- DRIVELINE EQUIPMENT**
 - **TRAP-HD** Reinforced gearbox application
 - **DRM-BE** Drive mode - Balanced & Economy
 - **DRM-E** Drive mode - Economy
 - **PVT-MAP** I-See Predictive Cruise Control - using map-based topography information
 - **PVT-MTM** I-See Predictive Cruise Control - using map-based topography information with lower operating settings
 - **CRUIS-E** Cruise control - with I-roll and I-cruise, controls in steering wheel
 - **CRUIS-E5** Eco torque software - Improved economy mode. Fuel economy optimized cruise control for I-Save
 - **AMSO-AUT** Enhanced I-shift software with manual shift available in auto mode and kickdown facility on accelerator pedal
 - **AVO-ENH** I-Shift application software - Construction and off road applications
 - **APF-ENH** I-shift enhanced PTO functions
 - **RET-TH** Gearbox mounted retarder
 - **TC-MAOH2** Extra high performance transmission oil cooler - air to oil with front mounted radiator
 - **TC-MWO** Basic transmission oil cooler - water to oil
 - **2COM1100** Air compressor - Two-cylinder 1100 litres per minute
 - **2COMP870** Air compressor - Two-cylinder 870 litres per minute
 - **2COMP900** Air compressor - Two-cylinder 900 litres per minute
 - **CLU-AIRC** Clutchable air compressor
 - **AIRIN-FR** Front air intake fitted to the underside of cab engine tunnel
 - **AIRIN-HI** Air intake - Roof-mounted behind cab on the left-hand side
 - **AIRIN-LO** Low level air intake behind cab on left hand side
 - **ACL1ST-S** Air filter - two-stage element
 - **24A150BL** Alternator capacity - 150 amp
 - **24A180BL** Alternator capacity - 180 amp
 - **24AL110B** Alternator capacity - 110 amp
 - **24AL150B** Alternator capacity - 150 amp
 - **CCV-C** Closed crankcase engine ventilation
 - **CCV-OX** Closed crankcase ventilation for cold markets
 - **PRIM-EL** Electrical priming pump
 - **PRIM-MAN** Manual priming pump
 - **FUEQ-EH** Fuel line electric heater
 - **AF-R** Hot fuel recirculation heated fuel filter
 - **FUEFE2LW** Large engine mounted dual fuel filter with water separator
 - **EST-AID** Engine starting aid -Preheating element in the air inlet manifold
 - **220EBH15** 220V/1.5Kw electric engine block heater
 - **PTER-100** Engine power-take-off - Rear-mounted with DIN100/ISO7646 flange
 - **PTER-DIN** Engine power-take-off - Rear-mounted with DIN5462 (female) splined shaft for a close-coupled pump
Models with 3 steering axles will use this to drive the steering pump (AUXPSP)
 - **PTER1400** Engine power-take-off - Rear-mounted with SAE 1410 flange
 - **HPE-F101** Parker F1-101, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
 - **HPE-F41** Parker F1-41, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
 - **HPE-F51** Parker F1-51, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
 - **HPE-F61** Parker F1-61, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
 - **HPE-F81** Parker F1-81, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
 - **HPE-T53** Parker F2-53/53, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump
 - **HPE-T70** Parker F2-70/35, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump
 - **HPE-V45** Parker VP1-45, variable displacement, single flow, engine mounted hydraulic pump
 - **HPE-V75** Parker VP1-75, variable displacement, single flow, engine mounted hydraulic pump
 - **PTR-D** Gearbox PTO for plug-in pump, 0.71xeng speed
 - **PTR-DH** Gearbox driven high speed PTO for one plug-in hydraulic pump
 - **PTR-DM** Gearbox driven medium speed PTO for one plug-in hydraulic pump
 - **PTR-F** Gearbox driven PTO with rear flange connection
 - **PTR-FH** Gearbox driven high speed PTO with SAE drive flange
 - **PTR-FL** Gearbox driven low speed PTO with SAE drive flange
 - **PTRD-D** Gearbox driven HIGH SPEED PTO for two plug-in hydraulic pumps
 - **PTRD-D1** PTRD-D1 Gearbox driven HIGH SPEED PTO (1 SAE flange & 1 plug-in hydraulic pump)
 - **PTRD-D2** Gearbox driven HIGH SPEED PTO (2 SAE flanges & 1 plug-in hyd pump)
 - **PTRD-F** PTO with 1 DIN + 1 flange connection rear, manual gearbox
 - **HPG-F101** Gearbox mounted hydraulic pump - Parker F1-101 hydraulic pump gearbox mounted
 - **HPG-F41** Gearbox mounted hydraulic pump - Parker F1-41 gearbox mounted, fixed displacement, single flow
 - **HPG-F51** Gearbox mounted hydraulic pump - Parker F1-51 gearbox mounted, fixed displacement, single flow
 - **HPG-F61** Gearbox mounted hydraulic pump - Parker F1-61 gearbox mounted, fixed displacement, single flow
 - **HPG-F81** Gearbox mounted hydraulic pump - Parker F1-81 gearbox mounted, fixed displacement, single flow
 - **STWPOS-L** Steering wheel position - LEFT-HAND DRIVE
 - **STWPOS-R** Steering wheel position - RIGHT-HAND DRIVE
 - **STWM-LE** Steering wheel - Leather
 - **STGW-AD2** Steering wheel adjustment - Neck tilt, column height and angle
 - **STGW-ADJ** Steering wheel adjustment - Column height and angle
 - **AIRBAG** Driver air bag
 - **DRC-AMII** DPF Regeneration control switch - for manual and switching off regeneration

■ Standard Equipment □ Optional Equipment

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MODEL RANGE

FH 13 4x2 Tractor - Rear Air Suspension FH 42T 3A

- **1DAYDIG4** Smart tachograph - Continental VDO 4.1 version 2 - legal demand from 21/08/2023
- **ARSL** Additional road speed limit - switch in dashboard
- **ESP-BAS1** Electronic Stability Control ESC
- **ESPC-RO** Additional ESC functions - Reduced / Off
- **HWSS-ACB** Forward collision warning with adaptive cruise control and AEBS advanced emergency brake system
- **HWSS-FCB** Forward collision warning with AEBS advanced emergency brake system
- **LSS-DW** Lane departure warning system
- **LSS-DW3** Lane departure warning system with pilot assist
- **LCS4** Side Collision Avoidance Support - Passenger and driver side
- **LCS5** Side Collision Avoidance Support - Active support with emergency brake on passenger side. Collision warning on passenger and driver side
- **DAS-W** Driver Alert Support system
- **RSSENS-W** Rain sensing windscreen wipers
- **CU-ECC** Cab climate Unit - Electrically controlled air conditioning with sun sensor
- **CU-ECC2** Cab climate Unit - Electrically controlled air conditioning with a carbon filter, sun, mist, and air quality sensor
- **IGT-BUT** Vehicle starting - Push-button
- **IMMOBIL** Immobiliser
- **ALARM-E** Vehicle alarm - Cab plus external sensor for body/trailer
- **AUD-EXT** Extended audio - Amplifier
- **PHONE-PK** Telephone preparation kit (antenna, antenna attachm. cable incl.)
- **ISUNS-BS** Side sun visor - Driver & passenger side
- **ISUNS-DS** Side sun visor - Driver-side
- **ISUNF-RE** Electrically operated textile interior sun blind
- **ISUNF-RM** Manually operated textile interior sun blind
- **CSPL-BX** Lower center dash open storage box
- **CSPL-BXD** Lower centre dash drawer
- **ADFS** Two extra DIN slots in front shelf - can be fitted with card or drawer available as an accessory
- **BUPALARM** Reverse alarm
- **RTOLL-PK** Road toll PREPARATION kit for trucks operating with "Toll Collect" in Germany
- **LOADIND** Load indicator with central dashboard display
- **REMC-MF** Multi-functio wireless remote control
- **FIREXT3S** Fire extinguisher - 3kg mounted on the seat base
- **WARNVEST** High visibility warning vest - No sleeves
- **AIDKIT** First aid kit - Legal demand for EU markets including delivery to EU bodybuilder
- **AIDKIT1B** First aid kit - Legal demand for trucks transiting Germany
- **WARNLAMP** Portable warning lamp
- **LAMP-IN** Inspection lamp
- **BULBKIT** Bulb and fuse kit
- **WRITEPAD** Writing pad
- **DST-CF4** Driver seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt
- **DST-CF5** Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls with integrated seatbelt
- **DST-CF6** Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar, heat and ventilation controls with integrated seatbelt
- **DST-LUX1** Driver seat - Deluxe 1: electrical adjustment with memory function, lumbar support, heating & ventilation with integrated seatbelt
- **DST-LUX2** Driver seat - Deluxe 2: electrical adjustment with memory function, lumbar support & heating with integrated seatbelt
- **SBD-RED** Seat belt colour - Red
- **SBPRE-DS** Driver seat belt pretensioner
- **PST-BAS1** Passenger seat - Fixed non suspended fold up with seatbelt mounted on cab "B" post
- **PST-CF4** Passenger seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt
- **PST-CF5** Passenger seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls with integrated seatbelt
- **PST-RX1** Passenger seat - Fixed non suspended, features: 90-degree rotation and tilt function with seatbelt mounted on cab "B" post
- **PST-STD2** Passenger seat - Fixed with backrest adjustment, non suspended with seatbelt mounted on cab "B" post
- **PST-STD4** Passenger seat - Standard suspended with seatbelt mounted on cab "B" post
- **SBPRE-PS** Passenger seat belt pretensioner
- **ARMRE-BB** Armrests - Two on both driver & passenger seats
- **ARMRE-DB** Armrests - Two on the driver seat
- **ARMRE-PB** Armrests - Two on the passenger seat
- **ARU-BAS** Armrest upholstery - Vinyl
- **ARU-LEA** Armrest upholstery - Leather
- **GRABHI-B** Instep cab grab handle - Steel finish
- **GRABHI-L** Instep cab grab handle - Leather finish
- **FMAT-RUB** Footwell floor mats - Rubber
- **FMAT-TX2** Footwell floor mats - Two sets, Rubber and textile with an embossed pile supplied in the cab
- **LBK80F** Lower bunk - Fixed with wide middle section 815 in the centre x 2000 mm
- **LBK80FRE** Lower bunk - Electrically operated recliner with wide middle section 815 in the centre x 2000 mm
- **LBK80FRM** Lower bunk - Manually operated recliner with wide middle section 815 in the centre x 2000 mm
- **MATL-FI** Lower mattress - Firm pocket sprung
- **MATL-FI4** Lower mattress - Firm, memory foam, 2000x700x130 mm
- **MATL-SF** Lower mattress - Flexi-zone semi-firm, pocket springs up to 100kg - 16 stone
- **OLMAT-BA** Mattress overlay protector - 35mm thick
- **OLMAT-PR** Mattress overlay protector - Premium 50mm thick
- **TBK60AD** Top bunk - Height adjustable foldable 600 x 1900mm
- **TBK60F** Top bunk - Fixed foldable 600 x 1900mm
- **TBK70AD** Top bunk - Height adjustable foldable 700 x 1900mm
- **TBK70F** Top bunk - Fixed foldable 700 x 1900mm
- **PH-CAB2** Cab parking heater - 1.8kW Air to air
- **PH-ENGCA** Cab parking heater - Engine and cab
- **CPC-ADV** I-ParkCool - Advanced cab parking cooler with 120V DC electrical compressor
- **SLCP-BAS** Sleeper control panel - Basic with switches for interior light, night heater, roof hatch and door lock
- **SLCP-LUX** Sleeper control panel - Luxury with switches for interior light, night heater, roof hatch, door lock, alarm clock, window and radio
- **SAFE** Driver's Safe Box
- **RUS-BAS** Rear cab upper storage - 300 mm high
- **RUS-HIG** Rear cab upper storage - 440 mm high - volume 245 litres
- **TABLE** Bunk table - Folding and height adjustable fitted on lower bunk
- **REFR-RUS** Fridge - 28 litre rear upper wall mounted with dividers
- **REFRIG** Fridge - 33 litre under-bunk mounted with freezer dividers
- **MICRO-PK** Microwave equipment - Wiring preparation kit for oven
- **BOTH-D** Bottle holder - One under dashboard centre section

■ Standard Equipment □ Optional Equipment

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- BOTH-DL** Bottle holders - Two. One under dashboard centre section and one mounted to the under bunk drawer
 - BOTH-L** Bottle holder - One mounted to the under bunk drawer
 - COFMA-PK** Coffee maker - Preparation kit.
 - SOL12S** Sleeper, single, 12v outlet
 - **INLI-BAS** Interior light - White LEDs
 - INLI-NL** Interior light - White and red nightlight LEDs without dimmer
 - INLI-NLD** Interior light - White and red nightlight LEDs with dimmer
 - ARL-FLEX** Flexible reading lamps - Two "snake" type
 - **RH-EE** Fixed tinted glass sky window with emergency exit
 - RH-ER** Steel roof hatch - Electrically operated, rear opening with emergency exit
 - RH-ETR** Tinted glass roof hatch - Electrically operated, rear opening with emergency exit
 - RH-MTR** Tinted glass roof hatch - Manually operated, rear opening with emergency exit
 - **GLAS-TIN** Cab windows - Tinted
 - SWIND-BS** Cab side window - On both sides behind 'B' post
 - **VANMIR** Vanity mirror - In front shelf
 - AS-FUS** Extra shelf in front compartments
 - INFOT-PK** TV mounting preparation kit - Above the driver's door, includes bracket, electrical and speaker connections
- ### CAB EXTERIOR
- EXTL-BAS** Basic exterior finish - Satin Volvo badges, grey grille, instep, bumper, bumper spoiler, grille, door handles mirror housing and sunvisor if specified.
 - EXTL-EN2** Enhanced complete painted finish - Satin Volvo badges. Main grille, instep, door handles, mirror housing, and bumper in cab colour. Aluminium step inserts. Sunvisor and bumper spoiler in cab colour if specified.
 - EXTL-ENH** Enhanced exterior finish - Painted grille in cab colour with grey instep, bumper, bumper spoiler, grille, door handles mirror housing and sunvisor if specified, and aluminium step inserts
 - **DGLAS-H** Door glass - Hardened
 - DGLAS-L** Door glass - Laminated
 - **BUMP-B** Front bumper - Plastic
 - BUMP-B2** Front bumper - Steel
 - BUMP-HD** Front bumper - Heavy duty
 - BUMP-SP** Front bumper spoiler
 - AUXFS** Lower swinging cab step
 - GUARD-EH** Sump and radiator guard - to protect engine and hoses
 - **BUGNET** Radiator insect screen
 - CTILTP-E** Electrically operated hydraulic cab tilt
 - **CTILTP-M** Manually operated hydraulic cab tilt
 - FCABS-A** Front cab suspension - Air
 - **FCABS-M** Front cab suspension - Mechanical spring
 - RCABS-A** Rear cab suspension - Air
 - **RCABS-M** Rear cab suspension - Mechanical spring
 - **HCC-INEX** Lockable front service hatch - Activated by door lock remote
 - MIRCFPCS** Mirrors - Electrically heated and operated main and wide-angle with manually adjusted passenger kerb and front mirror and position camera in nearside mirror arm
 - MIRCMCP** Camera monitoring and mirrors - Electrically heated and operated main and wide-angle rear view cameras with manually adjusted passenger kerb and front mirror and passenger corner pedestrian camera.
 - MIRCMS** Camera monitoring and mirrors - Electrically heated and operated main and wide-angle rear view cameras with manually adjusted passenger kerb and front mirror
 - **MIRCOMF** Mirrors - Electrically heated and operated main and wide angle and manually adjusted passenger kerb and front mirror
 - **AMIR-F20** Auxiliary front view mirror with a 200mm radius
 - SUNV-H** External smoke grey sunvisor
 - AD-ROOF** Cab roof deflector - Adjustable
 - AD-SIDEL** Cab side deflector - Long extension panels
 - AD-SIDES** Cab side deflector - Short extension panels
 - AD-CHASX** Chassis side skirts - extended
 - ADCF-F** Additional black edging on chassis side skirt
 - **HL-LED** Headlights - LED
 - HL-LED3** Headlights - LED Adaptive high beam
 - **HL-CLEAN** Headlight cleaner - Washer jets
 - HLP-ST** Headlight protection
 - DRIVL2** Two spot lamps
 - UDRIVL** Auxiliary driving lights - Without
 - **FOGL-WC** Front fog lights
 - CL-STAT** Static corner lights
 - ASL-RF2** Integrated roof spotlights - Two LED aerodynamic spot lights in Globetrotter sign box
 - BEACOA2F** Roof beacons - Two front roof mounted amber LED
 - BEACOA2R** Roof beacons - Two rear roof mounted amber LED
 - BEACON-P** Roof beacons - switch and 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-GTR** Cab sign logo - Volvo "Globetrotter" or "Power" sign
 - **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. Only Globetrotter cabs brings in extra DIN slots.
 - 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
 - RFCAR-BC** Rear mudwing carrier, back of cab
 - LADDER** Ladder back of cab
 - REFS-TW** White cab conspicuity markings by packed in cab
 - REFS-TY** Yellow cab conspicuity markings by packed in cab
- ### SUPERSTRUCTURE PREPARATIONS
- 5WM-ASL** Fifth wheel mount - Air operated slider with 4mm L profiles
 - 5WM-ASM** Fifth wheel mount - Air operated slider with 50mm L profiles
 - 5WM-DH** Fifth wheel mount - Dual height - Jost
 - 5WM-ISOL** Fifth wheel mount - Flush L profiles with 12mm ISO plate - 16mm high above chassis frame
 - **5WM-ISOM** Fifth wheel mount - 50mm L profiles with 10mm ISO plate - 60mm high above chassis frame
 - 5WM-LPRO** Fifth wheel mount - Direct to frame with inverted 'L'-profiles
 - 5WM-MASL** Fifth wheel mount - Manual slider with 4mm L profiles
 - 5WM-MASM** Fifth wheel mount - Manual slider with 50mm L profiles
 - 5WH140** Leg-height - 140 mm
 - 5WH150** Leg-height - 150 mm

■ Standard Equipment □ Optional Equipment

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<ul style="list-style-type: none"> <input type="checkbox"/> 5WH160 Leg-height - 160 mm <input type="checkbox"/> 5WH175 Leg-height - 175mm <input type="checkbox"/> 5WH17D37 Leg-height - 167 mm to 367mm <input type="checkbox"/> 5WH185 Leg-height - 185 mm <input type="checkbox"/> 5WH195 Leg-height - 195mm <input type="checkbox"/> 5WH200 Leg-height - 200 mm <input type="checkbox"/> 5WH205 Leg-height - 205 mm <input type="checkbox"/> 5WH210 Leg-height - 210 mm <input type="checkbox"/> 5WH220 Leg-height - 220mm <input type="checkbox"/> 5WH230 Leg-height - 230 mm ■ 5WT-FO14 Fifth wheel - Fontaine 150SP2 pressed steel <input type="checkbox"/> 5WT-FO15 Fifth wheel - Fontaine 3000 lightweight cast air operated slider - for moderate duty off-road. <input type="checkbox"/> 5WT-JO10 Fifth wheel - Jost JSK 36 pressed <input type="checkbox"/> 5WT-JO8 Fifth wheel - Jost JSK 37 cast <input type="checkbox"/> 5WT-JO9 Fifth wheel - Jost JSK 42 cast <input type="checkbox"/> 5WT-SH Fifth wheel - SAF-Holland/+GF+ SK-S 36.20 cast ■ 5WLM-B Maintenance - Basic fifth wheel - standard top plate <input type="checkbox"/> 5WLM-L Maintenance - Low maintenance with nylon top plate <input type="checkbox"/> 5WL-S1 Fifthwheel lubrication - Locking mechanism and top plate <input type="checkbox"/> 5WL-S2 Fifthwheel lubrication - Locking mechanism only <input type="checkbox"/> TCIND Trailer connection indicator - Sensors for height, kingpin and coupling lock ■ RDECK Catwalk - Single plate and step <input type="checkbox"/> RDECK-M Catwalk - Extended with two plates and step <input type="checkbox"/> SRWL-PK Chassis-mounted working lamps - Side work and reverse lamp preparation and 3 position switch - Max load 280W <input type="checkbox"/> SWL-2RW Chassis-mounted working lamps - Two white rear mounted LED lamps <input type="checkbox"/> SWL-PK Chassis-mounted working lamps - Side work lamp preparation and 2 position switch - Max load 280W ■ WL-TA1W Coupling light - LED White <input type="checkbox"/> WLC-H2W Working lamp back of cab - Two white LED high mounted at the back of cab <input type="checkbox"/> WLC-PKH Preparation kit, cables and switch for high mounted working lamps back of cab <input type="checkbox"/> WLC-PKL Preparation kit, cables and switch for low mounted working lamps back of cab <input type="checkbox"/> WLC-PKLH Preparation kit - cables and switch for low and high mounted working lamps back of cab. <input type="checkbox"/> ECBB-HIG Bodybuilder module - High level body electrical centre in dash input/output module ■ ECBB-MED Bodybuilder module - Medium level body electrical centre in dash input/output module <input type="checkbox"/> BBCHAS1 One 7-pole connector for Body builder interface <input type="checkbox"/> BBCHAS3 Three 7-pole connectors for Body builder interface <input type="checkbox"/> BEPR-T2 Body builder electrical software preparation for tipper with remote control <input type="checkbox"/> 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 <input type="checkbox"/> AUXL-SPK Electrical preparation kit - wiring and switch for snow plough lights <input type="checkbox"/> TAILPRE2 Tail lift preparation kit, wireless remote operation <input type="checkbox"/> TAILPREP Taillift preparation kit - cab switch and warning in driver display <input type="checkbox"/> AESW2 Two Body builder bistable electrical switches (marked AUX1 / AUX2) <input type="checkbox"/> AESW2PK 2 Body builder bistable el.switches (marked AUX1/AUX2) and prep. for 4 more switches <input type="checkbox"/> AUXSW-4 Wiring for 4 extra switches (from Body builder electrical centre to switch positions) 	<ul style="list-style-type: none"> <input type="checkbox"/> FMS-PK Fleet management system gateway - Required for aftermarket telematics <input type="checkbox"/> DRUT1 Driver utility app - "My Truck" - 1 year subscription For mobile phone, tablet, with android and IOS systems. Only available with Volvo Connect subscription <input type="checkbox"/> DRUT2 Driver utility app - "My Truck" - 2 year subscription For mobile phone, tablet, with android and IOS systems. Only available with Volvo Connect subscription <input type="checkbox"/> DRUT3 Driver utility app - "My Truck" - 3 year subscription For mobile phone, tablet, with android and IOS systems. Only available with Volvo Connect subscription <input type="checkbox"/> DRUT4 Driver utility app - "My Truck" - 4 year subscription For mobile phone, tablet, with android and IOS systems. Only available with Volvo Connect subscription <input type="checkbox"/> DRUT5 Driver utility app - "My Truck" - 5 year subscription For mobile phone, tablet, with android and IOS systems. Only available with Volvo Connect subscription
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DELIVERY SERVICES

- **TGW-4GWL** Telematics gateway - GSM/GPRS/4G modem, LTE & WLAN

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Volvo Trucks. Driving Progress