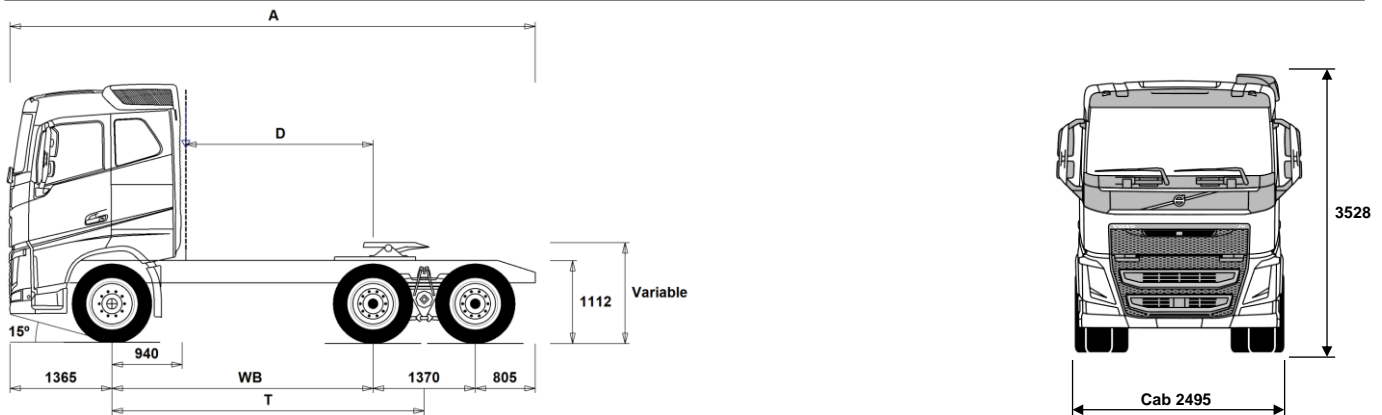


# MODEL RANGE



Volvo Trucks. Driving Progress

FH 13 6x4 Tractor - High T ride - N3 Cranked front axle for on road work FH 64 T3HT



## Chassis Dimensions [mm]

WB Wheelbase	3000	3200	3400	3600	3900
A Overall Chassis Length	6540	6740	6940	7140	7440
D Center of rear axle to back of cab	2010	2210	2410	2610	2910
T Theoretical Wheelbase	3685	3885	4085	4285	4585

## Chassis Weights [kg]

Front Axle	4980	5005	5035	5060	5090
Rear Bogie	3925	3920	3920	3920	3920
Kerb Weight	8905	8925	8955	8980	9010

## Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	13300	13900	14500	15100	16100
Turning Circle Diameter Wall to Wall	14700	15300	15900	16500	17400

## Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	26000	34000
Gross Combination Weight	44000	44000
Front Axle	8000	8000
Rear Bogie	19000	26000

## Important Notes

### Chassis Dimensions

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

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

Height can vary  $\pm 20$  mm for leaf and  $\pm 10$  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  $\pm 3\%$ .

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 FH64T3HT.

# MODEL RANGE

FH 13 6x4 Tractor - High T ride - N3 Cranked front axle for on road work FH 64 T3HT

## TRUCK USE

- **RC-ROUGH** Operating class on/off road

## CORE COMPONENTS

- **RADD-TR1** T-ride 1 rear two spring bogie suspension, 75mm wide springs
- **RADD-TR2** T-ride 3 rear two spring bogie suspension, reinforced
- **FH-HSLP** Globetrotter cab - all steel safety cage design with roof mounted emergency escape hatch. Designed and built to Swedish impact and ECE R29 regulations
- **FH-SLP** Sleeper cab - all steel safety cage design with roof mounted emergency escape hatch. Designed and built to Swedish impact and ECE R29 regulations
- **FH-XHSL** Globetrotter XL cab - all steel safety cage design with roof mounted emergency escape hatch. Designed and built to Swedish impact and ECE R29 regulations
- **EU6SCR** Emission level - Euro 6
- **D13 420S** D13K420 12.8 litre engine developing 420hp at 14-1800rpm. Peak torque 2100Nm at 860 -1400rpm.
- **D13 460S** D13K460 12.8 litre engine developing 460hp at 14-1800rpm. Peak torque 2300Nm at 900-1400rpm.
- **D13 500S** D13K500 12.8l engine developing 500hp at 14-1800rpm. Peak torque 2500Nm at 1000-1400rpm.
- **D13 540S** D13K540 12.8l engine developing 540hp at 14-1800rpm. Peak torque 2600Nm at 1000-1450rpm.
- **D13K420** D13K420 - 420hp engine
- **D13K460** D13K460 - 460hp engine
- **D13K500** D13K500 - 500hp engine
- **D13K540** D13K540 - 540hp engine

- **EBR-EPG** Exhaust brake controlled by steering column switch
- **EBR-EPGC** Exhaust pressure governor for I shift gearbox
- **EBR-VEB+** Volvo engine brake + and exhaust pressure governor, enhanced performance from additional exhaust rocker control. Retardation 375kW
- **AT2612F** AT2612F 12-speed "I-shift" automated mechanical gearbox suitable for gross train weights up to 60tonne only refer to sales engineering when used in conjunction with a PTO
- **ATO2612F** ATO2612F 12-speed "I-shift" overdrive automated mechanical gearbox suitable for gross train weights up to 60tonne refer to sales engineering when used in conjunction with a PTO
- **SPO2812** SPO2812 - 12 speed I-shift Dual Clutch automated mechanical gearbox GCW 60tonne
- **RTH2610F** RTH2610F hub reduction tandem 26tonne drive axles, GCW 100 tonnes with differential and cross locks\*  
\* Cross locks replaced by a dog clutch if tandem axle lift is specified
- **RTH3210F** RTH3210F hub reduction tandem 32 tonne drive axles, GCW 100 tonnes with differential and cross locks\*  
\* Cross locks replaced by a dog clutch if tandem axle lift is specified
- **RTH3312** RTH3312 hub reduction tandem 33tonne drive axles, GCW 120 tonnes with differential and cross locks\*  
\* Cross locks replaced by a dog clutch if tandem axle lift is specified
- **RTS2370A** RTS2370A single reduction tandem 23tonne drive axles with differential and cross locks\* - design GCW 70tonnes.  
\* Cross locks replaced by a dog clutch if tandem axle lift is specified.

## PACKAGES

- **DRIVE** Cab Package: Drive
- **DRIVE+** Cab Package: Drive +
- **DRIVE++** Cab Package: Drive ++
- **1BED** Living package with single bed:
- **1BED+** Living package with single bed plus:

- 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.

- **2BED** Living package with two beds:
- **2BED+** Living package with two beds plus:
- **AUDHIG** High Power Audio system: RDS radio with CD player - also playing MP3/WMA files from CD -, with integrated bluetooth phone and USB/Line inputs. FM/AM antenna, speakers in dashboard, doors, and sleeping compartment.
- **MEDIA** AM/FM Bluetooth radio without CD player. USB and Aux line inputs. Speakers in dashboard, doors, and sleeping compartment. 7" touch screen with personal apps.
- **MEDIA DF** AM/FM Bluetooth radio without CD player. USB and Aux line inputs. Speakers in dashboard, doors, and sleeping compartment. 7" touch screen with personal and professional apps. Dynafleet vehicle on-board data display with office internet support.
- **MEDIA NAV** AM/FM Bluetooth radio without CD player. USB and Aux line inputs. Speakers in dashboard, doors, and sleeping compartment. 7" touch screen with personal and professional apps. Truck based satellite navigation (live updates not included)
- **MEDIA NDF** AM/FM Bluetooth radio without CD player. USB and Aux line inputs. Speakers in dashboard, doors, and sleeping compartment. 7" touch screen with personal and professional apps. Truck based satellite navigation (live updates not included) Dynafleet vehicle on-board data display with office internet support.
- **VISI15** Visibility Package
- CHASSIS**
  - **FST-MUL** Front Front suspension type - Multileaf Springs
  - **FST-PAR** Front suspension type - 2 leaf parabolic springs
  - **FST-PAR3** Front suspension type - 3 leaf parabolic springs
  - **FAL10.0** Front axle design capacity 10 tonnes - Ensure that you have checked the tyre load index
  - **FAL7.1** Front axle design capacity 7.1 tonnes
  - **FAL7.5** Front axle design capacity 7.5 tonnes
  - **FAL8.0** Front axle design capacity 8.0 tonnes - Ensure that you have checked the tyre load index
  - **FAL8.5** Front axle design capacity 8.5 tonnes
  - **FAL9.0** Front axle design capacity 9.0 tonnes - Ensure that you have checked the tyre load index
  - **FSM-LUB** Lubricated rear shackles on front suspension pins and bushings
  - **FSTAB** Front anti-roll bar
  - **FSTAB2** Front anti-roll bar medium stiffness
  - **FSTAB3** Front stiff anti-roll bar
  - **RAL23** Rear bogie design capacity 23 tonnes
  - **RAL26** Rear bogie design capacity 26 tonnes
  - **RAL32** Rear bogie design capacity 32 tonnes
  - **RSAP2** Heavy duty rear suspension application (with reinforcements)
  - **RSAP3** Light duty rear suspension application
  - **ACTST-TO** Volvo Dynamic Steering (VDS) with with extra electronic pump and torque overlay
  - **ASFE-BAS** Active steering feature - Basic - Volvo Dynamic Steering only
  - **ASFE-OG** Active steering feature - Volvo Dynamic Steering with stability assist - oversteer
  - **ASFE-PO** Active steering feature - Volvo Dynamic Steering with personal settings and stability assist
  - **ASFE-PS** Active steering feature - Volvo Dynamic Steering with personal settings
  - **PSP-FIX** Power steering pump with fixed displacement
  - **PSP-VAR** Power steering pump with variable displacement
  - **EBS-MED** EBS medium package including "hill" hold function
  - **AUXPARK** Additional spring parking brakes
  - **RST-MUL** Rear Suspension, Multi-leaf springs
  - **RST-PAR1** Rear Suspension, Parabolic springs

# MODEL RANGE

## FH 13 6x4 Tractor - High T ride - N3 Cranked front axle for on road work FH 64 T3HT

- RST-PAR5** Rear Suspension, Progressive parabolic springs
- FBREG-E** Front regulating brake valve, EBS
- FBREG-RP** Front regulating brake valve, reduced pressure/low pressure range
- FRAME300** Frame rail section external height 300 mm
- FIL-EEEB** Inner liner from end of engine to end of bogie
- FIL-TXEB** Inner liner from gearbox member to end of bogie
- BBOX-L** Battery box located on left hand side
- BATS-D** Dual energy battery system - 2 living batteries and 2 starter batteries.
- 2BAT210B** 2 x 210 Ah capacity Gel batteries
- 2BATT170** 2 x 170 Ah capacity batteries
- 2BATT225** 2 x 225 Ah capacity batteries
- BATTAMP** Battery voltage and ampere gauge
- BATTIND** Battery charge indication
- ADR2** ADR package for transportation of dangerous goods on road (Note does NOT include safe loading pass package if required this is quoted separately)
- MSWI-A** Main switch - ADR switch circuit shut down
- MSWI-C** Main switch - Chassis mounted toggle switch by battery box
- MSWI-R** Main switch - Key fob operated remote controlled
- R330A71** Right aluminium 710 mm D-shaped fuel tank, 330 litres volume  
Min volume 150l  
Max volume 810l
- UL-FUEL** Without left fuel tank  
Min volume 160l  
Max volume 605l
- ADTP-BC** AdBlue tank behind/under cab on right hand side
- ADTP-L** AdBlue tank on left hand side
- ADTP-R** AdBlue tank on right hand side
- ADB048** AdBlue tank usable volume 48 litres
- ADB064** AdBlue tank usable volume 64 litres
- ADB065** AdBlue tank usable volume 65 litres - under cab
- ADB068** AdBlue tank usable volume 68 litres
- ADB090** AdBlue tank usable volume 90 litres
- FCAP-L** Locking fuel filler cap
- FUFF-AS** Fuel filling anti-spillage device
- FUFF-ATS** Fuel filling anti-theft and anti-spillage devices
- ESH-LEFT** Horizontal silencer, left exhaust outlet
- ESH-REAR** Horizontal silencer, rear exhaust outlet
- ESH-RIGH** Horizontal silencer, right exhaust outlet
- ESH-VERT** Horizontal silencer, vertical exhaust outlet
- EXST-SSP** Stainless steel exhaust stack - NOT polished
- EXST-ST** Steel exhaust stack
- WHC-FIX2** Two fixed wheel chocks
- WHC-FOL2** Two foldable wheel chocks
- WHCP-F** Wheel chock(s) stored in the front part of the vehicle
- WHCP-M** Wheel chock(s) stored in the middle part of the vehicle
- WHCP-T** Transport mounted wheel chock(s) stored in cab outer luggage locker
- TB-L80** Toolbox 800 mm, left side
- TB-R80** Toolbox 800 mm, right side
- SUP-BAS** EC approved chassis side guards
- SUP-LOW** EC approved low chassis side guards
- CHAIN-S** Snow chains
- HOOK-SC** Snow chain hooks
- TOWF-NO1** One front towing device
- TOWF-NO2** Two front towing devices
- TOWR-ONE** Towing hitch attached to rear crossmember
- TREL15** Single 15 pole electrical trailer connector - ADR certified
- TREL7** 7 pole - 24N trailer electrical suzie
- TREL7-7** 24N and 24S trailer electrical suzies
- TBC-DUO** Duomatic type air line connectors
- TBC-EC** Palm coupling type air line connectors
- TBC-GBR** 'C' and 'CA' type air line connectors
- TRBR-HCF** Full pressure hand controlled trailer brake
- TRBR-STA** Stationary trailer brake control
- TRB-STRE** Stretch Brake - Automatic low speed trailer brake activation to avoid jack-knifing and improve steerability
- RFEND-B** Three piece EC approved rear mud wings and spray flaps
- RFH-BAS** Basic rear wing height
- RFH-HIG** High rear wing height - higher wing tops
- RFH-LOW** Lower rear wing height - shallower wing tops
- ATANK-AL** Aluminium air tanks
- ATANK-ST** Steel air tanks
- TL-LED** Rear lights LED
- BLIGHT-E** Emergency brake light

### WHEELS & TYRES

- RT-AL** Alcoa brushed aluminium rims with standard holes for long stud fixing on all axles
- RT-ALDP** Alcoa Dura-Bright EVO aluminium rims with standard holes long stud fixing on all axles, requires cleaning with a ph neutral solution - washing up liquid.
- RT-ALDPD** Alcoa Dura-Bright EVO aluminium rims with countersunk holes for short stud fixing on all axles, requires cleaning with a ph neutral solution - washing up liquid.
- RT-ALDU** Alcoa brushed aluminium rims with countersunk holes for short stud fixing on all axles
- RT-SPOKE** Spoke rims on all axles
- RT-STEEL** Steel rims on all axles
- WCAP** Aerodynamic hub caps
- BRREC001** Bridgestone ECOPIA H - Energy rating C
- BRREC002** Bridgestone Ecopia H 002 Evo - Tyre recommendation 2
- COREC001** Continental ECOPLUS HS3 XL/HD3 - Energy rating B or C depending on size
- COREC002** Continental ECOPLUS HS3/HD3 - Energy rating B or C depending on size
- COREC003** Continental Efficient Pro S/D - Fuel Tyre Recommendation 3 Reduced mileage compared to Conti EcoPlus long haul pattern please consider when selecting these tyres.
- GYREC001** Goodyear FUELMAX S/HL/D - Energy rating B or C depending on size
- GYREC004** Goodyear FUELMAX S - Energy rating B depending on size
- HAREC001** Hankook AL10+ E-Cube Max Long Haul Tyre - Energy rating B
- HAREC002** Hankook AL10+ E-Cube Long Haul Tyre - Energy rating B with wide single
- MIREC001** Michelin XFA2/X-LINE Energy - Fuel tyre Recommendation 1
- MIREC002** Michelin XZA2/X-LINE Energy - Fuel tyre Recommendation 2
- MIREC003** Michelin X-LINE Energy - Fuel tyre Recommendation 3
- MIREC004** Michelin X Line Energy F/D2 - Energy rating A
- PIREC001** Pirelli FH:01 Proway - Long Haul Tyre - Energy rating B
- PIREC002** Pirelli FH:01 II Long Haul Tyre - Energy rating B with wide single
- SPWT-D** Spare wheel & tyre with rear tyre pattern
- SPWT-F** Spare wheel & tyre with front tyre pattern
- SWCP-LF** Spare wheel carrier on left side of chassis ahead of rear axle
- SWCP-T** Spare wheel supplied temporarily strapped to chassis
- SWCP-TP** Temporary spare wheel carrier on top of chassis frame
- JACK-12T** 12 tonne bottle jack
- JACK-15T** 15 tonne bottle jack
- JACK-20T** 20 tonne bottle jack
- TOOL-BAS** Basic Toolkit
- TOOLKIT** Complete tool kit
- INFLAHOS** Tyre inflation hose

Standard Equipment       Optional Equipment

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FH 13 6x4 Tractor - High T ride - N3 Cranked front axle for on road work FH 64 T3HT

<input type="checkbox"/> <b>GAUGE-TP</b>	Tyre pressure gauge	<input type="checkbox"/> <b>HPE-T70</b>	Parker F2-70/35, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump
<b>DRIVELINE EQUIPMENT</b>		<input type="checkbox"/> <b>HPE-V45</b>	Parker VP1-45, variable displacement, single flow, engine mounted hydraulic pump
<input type="checkbox"/> <b>ASO-C</b>	Crawler gear - Ratio direct top gearbox 19:1 Ratio Overdrive gearbox 17:1	<input type="checkbox"/> <b>HPE-V75</b>	Parker VP1-75, variable displacement, single flow, engine mounted hydraulic pump
<input type="checkbox"/> <b>ASO-ULC</b>	Ultra low crawler and crawler gear - Ratios direct top gearbox 32:1 and 19:1 Ratios Overdrive box 32:1 and 17:1	<input type="checkbox"/> <b>PTR-D</b>	Gearbox PTO for plug-in pump, 0.71xeng speed
<input type="checkbox"/> <b>TRAP-HD</b>	Reinforced gearbox application	<input type="checkbox"/> <b>PTR-DH</b>	Gearbox driven high speed PTO for one plug-in hydraulic pump
<input type="checkbox"/> <b>TP-CON</b>	Construction Package	<input type="checkbox"/> <b>PTR-DM</b>	Gearbox driven medium speed PTO for one plug-in hydraulic pump
<input type="checkbox"/> <b>TP-DIST</b>	Distribution Package	<input type="checkbox"/> <b>PTR-F</b>	Gearbox driven PTO with rear flange connection
<input type="checkbox"/> <b>TP-HD</b>	I-shift software - Heavy duty for high GCW Special conditions apply consult Sales Engineering	<input type="checkbox"/> <b>PTR-FH</b>	Gearbox driven high speed PTO with SAE drive flange
<input type="checkbox"/> <b>TP-LONG</b>	Long Haul Package	<input type="checkbox"/> <b>PTR-FL</b>	Gearbox driven low speed PTO with SAE drive flange
<input type="checkbox"/> <b>AMSO-AUT</b>	Enhanced I-shift software with manual shift available in auto mode and kickdown facility on accelerator pedal	<input type="checkbox"/> <b>PTRD-D</b>	Gearbox driven HIGH SPEED PTO for two plug-in hydraulic pumps
<input type="checkbox"/> <b>AVO-ENH</b>	Enhanced software for off road driveability and starting	<input type="checkbox"/> <b>PTRD-D1</b>	PTRD-D1 Gearbox driven HIGH SPEED PTO (1 SAE flange & 1 plug-in hydraulic pump)
<input type="checkbox"/> <b>APF-ENH</b>	I-shift enhanced PTO functions	<input type="checkbox"/> <b>PTRD-D2</b>	Gearbox driven HIGH SPEED PTO (2 SAE flanges & 1 plug-in hyd pump)
<input type="checkbox"/> <b>RET-TH</b>	Gearbox mounted retarder	<input type="checkbox"/> <b>PTRD-F</b>	PTO with 1 DIN + 1 flange connection rear, manual gearbox
<input type="checkbox"/> <b>TC-MAOH2</b>	Extra high performance transmission oil cooler - air to oil with front mounted radiator	<input type="checkbox"/> <b>HPG-F101</b>	Parker F1-101 gearbox mounted, fixed displacement, single flow, hydraulic pump
<input type="checkbox"/> <b>TC-MWO</b>	Basic transmission oil cooler - water to oil	<input type="checkbox"/> <b>HPG-F41</b>	Parker F1-41 gearbox mounted, fixed displacement, single flow, hydraulic pump
<input type="checkbox"/> <b>1COMP530</b>	Single cylinder, air compressor, 530 litres per minute	<input type="checkbox"/> <b>HPG-F51</b>	Parker F1-51 gearbox mounted, fixed displacement, single flow, hydraulic pump
<input type="checkbox"/> <b>2COM1100</b>	Two cylinder, air compressor, 1100 litres per minute	<input type="checkbox"/> <b>HPG-F61</b>	Parker F1-61 gearbox mounted, fixed displacement, single flow, hydraulic pump
<input checked="" type="checkbox"/> <b>2COMP900</b>	Two cylinder, air compressor, 900 litres per minute	<input type="checkbox"/> <b>HPG-F81</b>	Parker F1-81 gearbox mounted, fixed displacement, single flow, hydraulic pump
<input type="checkbox"/> <b>CLU-AIRC</b>	Clutchable air compressor	<input type="checkbox"/> <b>EIDLES</b>	Engine idle shut down
<input type="checkbox"/> <b>AIRIN-FR</b>	Front air intake fitted to the underside of cab engine tunnel	<input checked="" type="checkbox"/> <b>DTRI-PER</b>	Dashboard in darker peregrine greyish brown. Steering wheel grey and door panels in light beige for FH and black for FH16.
<input checked="" type="checkbox"/> <b>AIRIN-HI</b>	Roof mounted air intake behind cab on left hand side	<input type="checkbox"/> <b>DTRI-SRA</b>	Dashboard and steering wheel cover in light beige skylark. Door panels in light beige for FH and black for FH16.
<input type="checkbox"/> <b>AIRIN-LO</b>	Low level air intake behind cab on left hand side	<input checked="" type="checkbox"/> <b>STWPOS-R</b>	RIGHT HAND DRIVE
<input type="checkbox"/> <b>ACL1ST-S</b>	Two stage air filter	<input type="checkbox"/> <b>STWM-LE</b>	Leather steering wheel
<input checked="" type="checkbox"/> <b>24AL110B</b>	110 amp alternator	<input type="checkbox"/> <b>STGW-AD2</b>	Adjustable steering wheel with neck tilt
<input checked="" type="checkbox"/> <b>24AL120B</b>	120 amp alternator	<input checked="" type="checkbox"/> <b>STGW-ADJ</b>	Adjustable steering wheel
<input checked="" type="checkbox"/> <b>24AL150B</b>	150 amp alternator	<input checked="" type="checkbox"/> <b>AIRBAG</b>	SRS Driver's air bag
<input checked="" type="checkbox"/> <b>CCV-C</b>	Closed crankcase engine ventilation	<input checked="" type="checkbox"/> <b>DRC-AMII</b>	DPF Regeneration control switch - for manual and switching off regeneration
<input type="checkbox"/> <b>CCV-OX</b>	Closed crankcase ventilation for cold markets	<input checked="" type="checkbox"/> <b>1DAYDIG2</b>	Continental VDO DTCO 4.0 smart tachograph This tachograph can ONLY offer remote download if the option of Dynafleet or an FMS gateway has been specified with this order.
<input checked="" type="checkbox"/> <b>PRIM-EL</b>	Electrical priming pump	<input type="checkbox"/> <b>1DAYDIGP</b>	Continental VDO DTCO 3.0 digital tachograph For vehicles with long lead time - this includes prep kit for the retrofit of DTCO 4.0 tachograph. For updating to new legal demand for trick registration from 15th June 2019. This tachograph can ONLY offer remote download if the option of Dynafleet or an FMS gateway has been specified with this order.
<input type="checkbox"/> <b>PRIM-MAN</b>	Manual priming pump	<input type="checkbox"/> <b>ARSL</b>	Additional road speed limit - switch in dashboard
<input type="checkbox"/> <b>FUEQ-EH</b>	Fuel line electric heater	<input type="checkbox"/> <b>CRUIS-E</b>	Eco cruise control (with eco-roll and I-cruise, controls in steering wheel)
<input type="checkbox"/> <b>AF-R</b>	Hot fuel recirculation heated fuel filter	<input checked="" type="checkbox"/> <b>CRUISEC</b>	Cruise control, standard
<input type="checkbox"/> <b>FUEFE2LW</b>	Large engine mounted dual fuel filter with water separator	<input checked="" type="checkbox"/> <b>ESP-BAS1</b>	Electronic Stability Control
<input checked="" type="checkbox"/> <b>FUEFE2SW</b>	Small engine mounted dual fuel filter with water separator	<input type="checkbox"/> <b>ESPC-RO</b>	ESP (Electronic Stability Program) functionality control - Reduced / Off
<input type="checkbox"/> <b>EST-AID</b>	Air inlet manifold starting heater element	<input type="checkbox"/> <b>HWSS-ACB</b>	Adaptive cruise control ACC with forward collision warning and AEBs advanced emergency brake system
<input type="checkbox"/> <b>220EBH15</b>	220V/1.5Kw electric engine block heater	<input checked="" type="checkbox"/> <b>HWSS-FCB</b>	Forward collision warning with AEBs advanced emergency
<input type="checkbox"/> <b>PTER-100</b>	Rear engine mounted power-take-off with DIN 100 / ISO 7646 flange		
<input type="checkbox"/> <b>PTER-DIN</b>	Rear engine mounted PTO with DIN5462 (female) splined shaft for a close coupled pump. Models with 3 steering axles will use this to drive the steering pump (AUXPSP)		
<input type="checkbox"/> <b>PTER1400</b>	Rear engine mounted power-take-off with SAE 1410 flange		
<input type="checkbox"/> <b>HPE-F101</b>	Parker F1-101, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump		
<input type="checkbox"/> <b>HPE-F41</b>	Parker F1-41, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump		
<input type="checkbox"/> <b>HPE-F51</b>	Parker F1-51, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump		
<input type="checkbox"/> <b>HPE-F61</b>	Parker F1-61, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump		
<input type="checkbox"/> <b>HPE-F81</b>	Parker F1-81, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump		
<input type="checkbox"/> <b>HPE-T53</b>	Parker F2-53/53, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump		
<input checked="" type="checkbox"/> <b>Standard Equipment</b>			
<input type="checkbox"/> <b>Optional Equipment</b>			

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FH 13 6x4 Tractor - High T ride - N3 Cranked front axle for on road work FH 64 T3HT

	brake system		textile bolster Cab walls: soft textile in matching grey and beige colours Interior trim: Seats: Light grey leather insert and black leather bolster Cab walls: In matching grey vinyl
■ <b>LSS-DW</b>	Lane departure-warning system	□ <b>UPHTRI05</b>	Interior trim: Seats: Light grey leather insert and black leather bolster Cab walls: In matching grey vinyl
□ <b>LCS</b>	Lane change support	□ <b>UPHTRI06</b>	Interior trim: Seats: Light grey leather insert and black leather bolster Cab walls: soft textiles in matching grey nuances
□ <b>DAS-W</b>	Driver Alert Support system	□ <b>UPHTRI07</b>	Interior trim: Seat: Light grey leather insert black edging Cab walls: soft textiles in matching grey, and beige
□ <b>RSSENS-W</b>	Rain sensing windscreen wipers	■ <b>DST-CF4</b>	Driver seat, comfort, suspended, belt in seat
□ <b>CU-ECC</b>	Electrically controlled air conditioning with sun sensor	□ <b>DST-CF5</b>	Driver seat, comfort, suspended, belt in seat, electrically heated
□ <b>CU-ECC2</b>	Electrically controlled air conditioning with sun sensor, mist sensor, air quality sensor and carbon filter	□ <b>DST-CF6</b>	Driver seat, comfort, suspended, belt in seat, electrically heated, ventilated
■ <b>CU-MCC</b>	Climate unit with manual controlled air conditioning	□ <b>DST-LUX1</b>	Deluxe suspended drivers seat features: electrical adjustment with memory function, seatbelt in seat with heated & ventilated cushions
■ <b>IMMOBIL</b>	Thatcham H2 approved immobiliser	□ <b>DST-LUX2</b>	Deluxe suspended drivers seat features: electrical adjustment with memory function, seatbelt in seat and heated cushions
□ <b>ALARM-B</b>	Thatcham H1 approved vehicle alarm - Cab only	□ <b>SBD-RED</b>	Red seat belts
□ <b>ALARM-E</b>	Enhanced vehicle alarm - Thatcham H1 approved - Cab plus external sensor for body/trailer	□ <b>SBPRE-DS</b>	Driver seat belt pretensioner
□ <b>ALCOLOCK</b>	Alcolock	□ <b>PST-BAS1</b>	Passenger seat - Fixed non suspended fold up with seatbelt mounted in cab
□ <b>AMPL400</b>	Radio amplifier, 8 channel, 400 W with subwoofer Located in right hand external storage box	□ <b>PST-BSL1</b>	Passenger seat - Sliding non suspended fold up with seatbelt mounted in cab
□ <b>BUPMON</b>	Back up monitor with built in 7" screen on dash and one colour camera supplied loose for fitment by bodybuilder. Can accommodate up to 4 cameras for TFL Safe Scheme, CLOCS and FORS.	□ <b>PST-CF4</b>	Passenger seat - Comfort suspended with seatbelt mounted in seat
□ <b>PHONE-PK</b>	Telephone preparation kit (antenna, antenna attachm. cable incl.)	□ <b>PST-CF5</b>	Passenger seat - Comfort suspended & heated with seatbelt mounted in seat
■ <b>WLIFT-AD</b>	Electrical window lift, automatic up/down driver side	□ <b>PST-RX1</b>	Passenger seat - Fixed non suspended, features: 90 degree rotation and tilt function with seatbelt mounted in cab
□ <b>ISUNS-BS</b>	Side interior sun visor on both sides	□ <b>PST-RX2</b>	Passenger seat - Fixed non suspended, features: 90 degree rotation, tilt and heated functions with seatbelt mounted in cab
■ <b>ISUNS-DS</b>	Driver's side interior sun visor	□ <b>PST-STD2</b>	Passenger seat - Fixed non suspended with seatbelt mounted in cab
□ <b>ISUNF-RE</b>	Electrically operated textile interior sun blind	■ <b>PST-STD4</b>	Passenger seat - Standard suspended with seatbelt mounted in cab
■ <b>ISUNF-RM</b>	Manually operated textile interior sun blind	□ <b>SBPRE-PS</b>	Passenger seat belt pretensioner
■ <b>CSPL-BX</b>	Lower center dash open storage box	□ <b>ARMRE-BB</b>	Two armrests on both driver and passenger seat.
□ <b>CSPL-BXD</b>	Lower centre dash drawer	□ <b>ARMRE-DB</b>	Two armrests, on driver seat only
□ <b>CSPU-SDR</b>	One open storage and one drawer - behind push open lid - in upper part of the centre dash panel	□ <b>ARMRE-PB</b>	Two armrests, on passenger seat only
■ <b>CSPU-SS</b>	Two open storages - behind push open lid in upper part of the centre dash panel	□ <b>ARU-BAS</b>	Vinyl upholstered armrest
□ <b>ADFS</b>	Two extra DIN slots in front shelf - can be fitted with card or drawer available as an accessory	□ <b>ARU-LEA</b>	Leather upholstered armrest
■ <b>BUPALARM</b>	Reverse alarm	■ <b>GRABHI-B</b>	Steel instep cab grab handle
□ <b>RTOLL-PK</b>	Road toll PREPARATION kit for trucks operating with "Toll Collect" in Germany	□ <b>GRABHI-L</b>	Leather covered instep cab grab handle
□ <b>LOADIND</b>	Load indicator with central dashboard display	■ <b>FMAT-RUB</b>	Rubber floor mats
□ <b>REMC-MF</b>	Multi-functio wireless remote control	□ <b>FMAT-TX2</b>	Textile and rubber floor mats
□ <b>FIREXT3S</b>	3kg fire extinguisher mounted on seat base	■ <b>LBK80F</b>	Lower fixed bunk with wide middle section 815 in the centre x 2000 mm
□ <b>WARNVEST</b>	High visibility warning vest - no sleeves	□ <b>LBK80FRE</b>	Lower electrically operated recline bunk with wide middle section 815 in the centre x 2000 mm
□ <b>AIDKIT</b>	First aid kit	□ <b>LBK80FRM</b>	Lower manually operated recline bunk with wide middle section 815 in the centre x 2000 mm
□ <b>AIDKIT1B</b>	First aid kit	□ <b>MATL-FI</b>	Firm lower bunk pocket sprung mattress
□ <b>WARNLAMP</b>	Portable warning lamp	■ <b>MATL-SF</b>	Lower flexizone mattress - semi-firm, pocket springs up to 100kg - 16 stone
□ <b>LAMP-IN</b>	Inspection lamp	□ <b>MATL-SO</b>	Lower flexizone mattress - soft, pocket springs up to 85kg - 13.5 stone
□ <b>BULBKIT</b>	Bulb and fuse kit	□ <b>OLMAT-BA</b>	35mm mattress overlay protector
■ <b>WRITEPAD</b>	Writing pad	□ <b>OLMAT-PR</b>	50mm premium mattress overlay protector
□ <b>UPHTRI01</b>	Interior trim: Seats: Black embossed textile insert, black vinyl bolster with red vinyl side insert Cab walls: In matching grey vinyl	□ <b>TBK60AD</b>	Height adjustable foldable top bunk 600 x 1900mm
□ <b>UPHTRI02</b>	Interior trim: Seats: Black striped textile insert, black smooth textile bolster & red vinyl side insert Cab walls: Textile with matching grey nuances	□ <b>TBK60F</b>	Fixed foldable top bunk 600 x 1900mm
□ <b>UPHTRI03</b>	Interior trim: Seats: Grey/beige soft striped textile insert, grey/beige smooth	□ <b>TBK70AD</b>	Height adjustable foldable top bunk 700 x 1900mm
		□ <b>TBK70F</b>	Fixed foldable top bunk 700 x 1900mm
		□ <b>PH-CAB2</b>	1.8kW Air to air night heater
		□ <b>PH-ENGCA</b>	Engine and cab night heater

■ Standard Equipment

□ Optional Equipment

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# MODEL RANGE

FH 13 6x4 Tractor - High T ride - N3 Cranked front axle for on road work FH 64 T3HT

- **SLCP-BAS** Basic sleeper control panel - includes interior light, parking heater, roof hatch and door lock
  - **SLCP-LUX** Luxury sleeper control panel - includes interior light, parking heater, roof hatch, door lock, alarm clock, window and radio
  - **SAFE** Safe box for driver's personal items
  - **RUS-BAS** Rear cab upper storage 154 litres - 300 mm high
  - **RUS-HIG** Rear cab upper storage 245 litres - 440 mm high
  - **TABLE** Folding and height adjustable table - 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** Preparation kit for microwave oven (wiring)
  - **BOTH-D** One bottle holder under dashboard centre section
  - **BOTH-DL** Two bottle holders, one under dashboard centre section and one mounted to the under bunk drawer
  - **BOTH-L** One bottle holder mounted to the under bunk drawer
  - **COFMA-PK** Coffee maker, preparation kit.
  - **INLI-BAS** Interior white LED lights - basic
  - **INLI-NL** Interior white and red night LED light with no dimmer
  - **INLI-NLD** Interior white and red night LED light with dimmer
  - **ARL-FLEX** Two flexible reading lamps (snake lamps)
  - **RH-EE** Without roof hatch -Tinted glass emergency exit ONLY
  - **RH-ETR** Glass roof & escape hatch - Electrically operated, tinted glass with rear opening
  - **RH-MTR** Glass roof & escape hatch - Manually operated, tinted glass with rear opening
  - **URH** Without roof hatch
  - **SWIND-BS** Extra side window on both sides behind "B" pillar
  - **VANMIR** Vanity mirror in front shelf
  - **AS-FUS** Extra shelf in front upper storage compartments
  - **INFOT-PK** Preparation kit for the mounting of a flat screen TV in cab above the driver's door, includes bracket, electrical and speaker connections
- CAB EXTERIOR**
- **EXTL-BAS** Basic exterior finish - - Matt Volvo badges, grey instep, bumper, bumper spoiler, mirror housing and sun visor
  - **EXTL-ENH** Enhanced exterior finish - Chrome style Volvo badges, painted instep, bumper, bumper spoiler if specified, mirror housing and sun visor
  - **GLAS-TIN** Tinted windows.
  - **DGLAS-H** Tempered door glass
  - **DGLAS-L** Laminated door glass
  - **LOCK-REM** Central 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
  - **GUARD-EH** Engine guard to protect sump and engine hoses
  - **BUGNET** Insect screen in front of radiator
  - **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** Exterior and interior hood catch control
  - **MIRCOMF** Electrically heated and operated main and wide angle mirrors and manually adjusted kerb view mirror on passenger side
  - **MIRSTD** Electrically heated main and wide angle mirrors and manually
- **AMIR-F20** Auxiliary front view mirror with a 200mm radius
  - **SUNV-H** External smoke grey sunvisor
  - **AD-ROOF** Roof air deflector
  - **AD-SIDEL** Side air deflector extension panels
  - **HL-BASIC** Halogen H7 head lamps
  - **HL-CLEAN** Head lamp cleaner - washer jets
  - **HLP-ST** Headlamp protection
  - **HL-ADJ** Headlight adjustment - Switch in cab
  - **DRIVL2** Two spot lamps
  - **UDRIVL** Without auxiliary driving lights
  - **FOGL-WC** Front fog lights
  - **CL-STAT** Static corner lights
  - **ASL-RF2** Two Hella H11 70W spotlamps in sign box - only available with the basic headlight and no lower driving lights.
  - **BEACOA2F** Two front roof mounted amber beacon rotating warning lamps
  - **BEACOA2R** Two rear roof mounted (on accessory bracket) amber beacon flashing warning LED lamps
  - **BEACON-P** Roof beacon wire preparation
  - **BEACONA4** Four roof mounted (2 front/2 rear) amber beacon rotating warning lamps
  - **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** "Globetrotter" headboard logo
  - **HORN-F1S** Single tone Jericho air horn chassis mounted
  - **HORN-R2S** Two roof mounted air horns
  - **ANT-CBR** Roof mounted antenna for CB radio, single aerial
  - **ACCBR-AP** Front, middle & rear roof mounted accessory brackets
  - **ACCBR-F** Front roof mounted accessory bracket
  - **ACCBR-FM** Front & middle roof mounted accessory brackets
  - **ACCBR-FR** Front & rear roof mounted accessory brackets
  - **ACCBR-M** Middle roof mounted accessory bracket
  - **ACCBR-R** Rear roof mounted accessory bracket
  - **ACCBR-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-ISHD** Heavy duty 5th wheel mounting with 16 mm mounting plate
  - **5WM-ISOH** 5th wheel subframe 90mm high above chassis frame
  - **5WH150** Fifth wheel leg-height 150 mm
  - **5WH185** Fifth wheel leg-height 185 mm
  - **5WH190** Fifth wheel leg-height 190 mm
  - **5WH290** Fifth wheel leg-height 290 mm
  - **5WT-JO11** Jost JSK 38G cast heavy duty fixed fifth wheel
  - **5WT-JO8** Jost JSK 37 cast fifth wheel
  - **5WT-JOHD** Jost JSK 38C cast heavy duty fifth wheel
  - **5WT-SH** SAF-Holland/+GF+ SK-S 36.20 cast fixed fifth wheel
  - **5WT-SH2** SAF-Holland/+GF+ SK-HD 38.36 cast heavy duty fixed fifth

■ Standard Equipment      □ Optional Equipment

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- wheel
- **5WL-S1** Fifth wheel lubrication - locking mechanism and top plate
- **TCIND** Trailer connection indication with sensors for height, kingpin and coupling lock
- **RDECK** Catwalk & step
- **RDECK-M** Rear catwalk 760mm
- **SRWL-PK** Wiring preparation for side & rear work/reverse lamps on side of chassis and a three-position switch, maximum 280W
- **SWL-2RW** Two H3 70W white rear chassis mounted (LH/RH side) working lamps and a 2-position switch (On/Off)
- **SWL-PK** Wiring preparation for side work/reverse lamps on side of chassis and a three-position switch, maximum 280W
- **WL-TA1W** White coupling light
- **WLC-H2W** Two H3/70W white working lamps high mounted on the back of cab
- **WLC-PKH** Preparation kit, cables and switch for high mounted working lamps back of cab
- **WLC-PKL** Preparation kit, cables and switch for low mounted working lamps back of cab
- **WLC-PKLH** Preparation kit - cables and switch for low and high mounted working lamps back of cab.
- **ECBB-BAS** Body builder electrical centre without body builder module
- **ECBB-HIG** Body builder electrical centre with body builder module
- **BBCHAS1** One 7-pole connector for Body builder interface
- **BBCHAS3** Three 7-pole connectors for Body builder interface
- **BEPR-T2** Body builder electrical software preparation for tipper with remote control
- **EXSTER** External steering control, with VDS and bodybuilder module
- **TD-LED** Trailer detection with LED sensing
- **AUXL-SPK** Electrical preparation kit - wiring and switch for snow plough lights
- **TAILPRE2** Tail lift preparation kit, wireless remote operation
- **TAILPREP** Taillift preparation kit - cab switch and warning in driver display
- **AESW2** Two Body builder bistable electrical switches (marked AUX1 / AUX2)
- **AESW2PK** 2 Body builder bistable el.switches (marked AUX1/AUX2) and prep. for 4 more switches
- **AUXSW-4** Wiring for 4 extra switches (from Body builder electrical centre to switch positions)

## DELIVERY SERVICES

- **TGW-4GWL** GSM/GPRS/4G modem, LTE & WLAN for telematics gateway
- **FMS-PK** Fleet Management System gateway

**VOLVO**

Volvo Truck Corporation

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