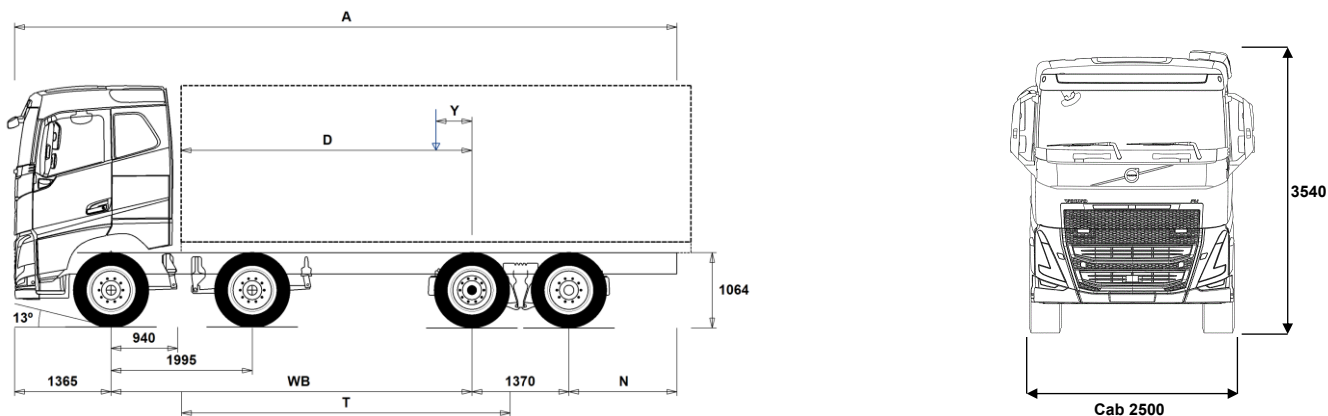


MODEL RANGE

FH 13 8x2 Tag Rigid - Rear Air Suspension FH 82RF 3A



Chassis Dimensions [mm]

WB Wheelbase	5100	5600	6000
A Overall Chassis Length	10660	11410	12060
D Center of rear axle to front of body	4110	4610	5010
N Rear Overhang (Min.)	825	1225	1225
N Rear Overhang (Max.)	2825	3075	3325
T Theoretical Wheelbase	4643	5143	5543
Y Center of Gravity for Payload (Min.)	660	809	928
Y Center of Gravity for Payload (Max.)	1277	1493	1668

Chassis Weights [kg]

Front Axles	7155	7085	7045
Rear Bogie	2235	2360	2465
Kerb Weight	9390	9445	9510
Payload (including body, driver, fuel, etc.)	22610	22555	22490

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	20200	21800	23100
Turning Circle Diameter Wall to Wall	21500	23100	24400

Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	32000	35000
Gross Combination Weight	35580	44000
Front Axles	16000	16000
Rear Bogie	19000	19000

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. Chassis height used: CHH-HIGH.

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

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

Weight and dimensions are based upon the following tyres:

Front Axle Tyres:	315/80R22.5
Drive Axle Tyres:	315/80R22.5
Trailing/Pusher 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. Tag axle used: TA-FIXED.

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 FH82RF3A.

MODEL RANGE

FH 13 8x2 Tag Rigid - Rear Air Suspension FH 82RF 3A

TRUCK USE

- RC-ROUGH** Road conditions - On / off-road
- RC-SMOOT** Road Conditions - Smooth
- TIPP-PRE** Transport Adaption - Tipper vehicle preparation
- UNIFORM** Transport Adaption - Basic platform vehicle

CORE COMPONENTS

- CHH-HIGH** Chassis height - High - 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
- TA-HYSB2** Tag axle - Electro-hydraulically steered
- TAG-FIXD** Tag axle - Fixed with twin tyres on tag axle
- TAG-FIXS** Tag axle - Fixed with single tyres on tag axle
- RADT-GR** Rear air suspension, 2 axles - 1 driven/1 tag
- 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-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
- 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.
- 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
- ASO-C** Crawler gear - Ratio direct top gearbox 19:1 Ratio Overdrive gearbox 17:1
- ASO-JULC** Ultra low crawler and crawler gear - Ratios direct top gearbox 32:1 and 19:1 Ratios Overdrive box 32:1 and 17:1
- RSH1370F** Drive axle - RSH1370F 13-tonne hub reduction with differential lock - design GCW 70 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

- NCAP2024** Euro NCAP safety package - Advanced driver assist safety package with 5 star rating equivalence
- FP-D13** Fuel Package
- DRIV-EXT** Cab package - Drive Extended
- DRIV-SEL** Cab Package - Drive Select
- 1LIVING** Sleep & Resting Package - Living one-bed
- 1LIVING+** Sleep & Resting Package - Living one-bed +
- 2LIVING** Sleep & Resting Package - Living two-bed
- 2LIVING+** Sleep & Resting Package - Living two-bed +
- INFOHIGH** Media Information Platform - Medium level
- SAFE-SEL** Safety Package - Select
- CHASPAC** Chassis Package Rigid

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
- FSLB-BAS** Front suspension levelling - basic stroke
- FAL16.0** Front axle design capacity - 16 tonnes - 2 x 8 tonne front axles
- FAL18.0** Front axle design capacity - 18 tonnes - 2 x 9 tonne front axles - check tyre load index
- FAL20.0** Front axle design capacity - 20 tonnes - 2 x 10 tonne front axles - check tyre load index
- FSM-LUB** Front suspension maintenance - Lubricated rear shackles on pins and bushings
- FSTAB** Front anti-roll bar - Normal stiffness
- FSTAB2** Front anti-roll bar - Medium stiffness
- FSTAB3** Front anti-roll bar - High stiffness
- RAL19** Rear bogie design capacity - 19 tonne
- RAL20.5** Rear bogie design capacity - 20.5 tonne
- RAL22.5** Rear bogie design capacity - 22.5 tonne
- RAL23** Rear bogie design capacity - 23 tonne
- RSTAB2** Rear anti-roll bar - Medium stiffness
- RSTAB3** Rear anti-roll bar - Stiff
- RALIM115** Rear-axle load limiter -11.5 tonne - speed controlled
- ACTST-TO** Active Steering- Volvo Dynamic Steering - VDS - with extra electronic pump and torque overlay
- ASFE-BAS** Active steering feature - Basic - Volvo Dynamic Steering - VDS - only
- ASFE-OG** Active steering feature - Volvo Dynamic Steering - VDS - with stability assist - oversteer
- ASFE-PO** Active steering feature - Volvo Dynamic Steering - VDS - with personal settings and stability assist

Standard Equipment Optional Equipment

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

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<input type="checkbox"/> ASFE-PS	Active steering feature - Volvo Dynamic Steering - VDS - with personal settings	<input type="checkbox"/> SUP-BAS	Side guards - Check with bodybuilder chassis space requirements
<input checked="" type="checkbox"/> PSS-DUAL	Power steering system - Dual	<input type="checkbox"/> CHAIN-S	Snow chains
<input type="checkbox"/> AUXPSP	Extra power steering pump driven by the engine PTO (PTER-DIN) so an adapter is required to drive any other equipment.	<input type="checkbox"/> HOOK-SC	Snow chain hooks
<input checked="" type="checkbox"/> PSP-VAR	Power steering pump - Variable displacement	<input checked="" type="checkbox"/> TOWF-NO1	Front towing device - One detachable - stored in cab
<input type="checkbox"/> PSP-VAR2	Power steering pump - Variable displacement with electronic control	<input type="checkbox"/> TOWF-NO2	Front towing device - Two detachable - stored in cab
<input checked="" type="checkbox"/> EBS-MED	Brake package - EBS medium including "hill" hold function	<input type="checkbox"/> TOWMBRH	Towing member, high mounted in centre of frame, D = 190
<input checked="" type="checkbox"/> RST-AIR	Rear suspension type - Air	<input type="checkbox"/> TOWMBRL1	Towing member, low mounted under the frame
<input checked="" type="checkbox"/> FRAME300	Chassis frame section external height - 300 mm	<input type="checkbox"/> TOWMBRM	Towing member, medium mounted in line with frame lower flange
<input checked="" type="checkbox"/> FST8080	Chassis frame thickness - 8 mm web and flange	<input checked="" type="checkbox"/> RFEC-S	Rear frame profile - Straight cut
<input type="checkbox"/> FIL-EEEE	Chassis frame inner liner - From the end of the engine to the end of the bogie	<input type="checkbox"/> RFEC-U	Rear frame profile - Slight uppercut for tippers
<input type="checkbox"/> FIL-EEEF	Chassis frame inner liner - From the end of the engine to end of the frame	<input type="checkbox"/> C-RI4040	Towing coupling, Ringfeder 4040A
<input type="checkbox"/> FIL-TXEB	Chassis frame inner liner - From gearbox member to the end of the bogie	<input type="checkbox"/> C-RI5050	Towing coupling, Ringfeder 5050A
<input type="checkbox"/> FIL-TXEF	Chassis frame inner liner - From gearbox member to the end of the frame	<input type="checkbox"/> C-RO400G	Towing coupling, Rockinger 400 G-150 for 40mm eyes
<input checked="" type="checkbox"/> BBOX-L	Battery box position - Left hand side	<input type="checkbox"/> C-RO50	Rockinger RO 50 50mm for centre axle trailer
<input type="checkbox"/> 2BAT210B	Battery Capacity - 2 x 210 Ah - Gel type	<input type="checkbox"/> C-VBG795	VBG 795V-3 coupling (centre axle trailer)
<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"/> TREL-PK	Trailer electrical preparation kit - chassis/cab wiring
<input type="checkbox"/> BATTIND	Battery management - Voltage, current and charge indicators	<input type="checkbox"/> TREL14	Single 14 pole electrical trailer connector
<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 type="checkbox"/> TREL15	Trailer electrical connection - Single 15 pin - ADR certified
<input type="checkbox"/> MSWI-A	Battery master switch - ADR switch circuit shut down	<input type="checkbox"/> TREL7	7 pole - 24N trailer electrical suzie
<input checked="" type="checkbox"/> MSWI-R	Battery master switch - Key fob operated remote controlled	<input type="checkbox"/> TREL7-7	Trailer electrical connection - 2 x 7 pin - 24N and 24S
<input checked="" type="checkbox"/> UR-FUEL	Right fuel tank - Without Min volume 255l Max volume 810l	<input type="checkbox"/> TBC-DUO	Trailer brake connections - Duomatic type
<input checked="" type="checkbox"/> UL-FUEL	Left fuel tank - Without Min volume 160l Max volume 450l	<input type="checkbox"/> TBC-EC	Trailer brake connections - EC palm coupling connectors
<input type="checkbox"/> ADTP-L	AdBlue tank position - Chassis mounted on the left-hand side	<input type="checkbox"/> TRBR-STA	Stationary trailer brake control
<input checked="" type="checkbox"/> ADTP-R	AdBlue tank position - Chassis mounted on the right-hand side	<input type="checkbox"/> TRB-STRE	Stretch Brake - Automatic low speed trailer brake activation to avoid jack-knifing and improve steerability
<input type="checkbox"/> ADB032	Plastic AdBlue tank - 32 litres	<input type="checkbox"/> FFEND-B	Standard mounted mud wings on second front axle
<input type="checkbox"/> ADB048	Plastic AdBlue tank - 48 litre	<input type="checkbox"/> FFEND-T	Transport mounted mud wings on second front axle
<input type="checkbox"/> ADB064	Plastic AdBlue tank - 64 litre	<input type="checkbox"/> RFEND-B	Rear mud wings - Three piece EC approved and spray flaps
<input type="checkbox"/> ADTC-BF	AdBlue tank cover with satin alloy look decorative cover	<input type="checkbox"/> RFEND-T	Rear mud wings - Temporary on drive axle for transport delivery only
<input checked="" type="checkbox"/> FCAP-L	Diesel and AdBlue filler cap - Locking	<input type="checkbox"/> RFH-BAS	Basic rear wing height
<input checked="" type="checkbox"/> FUFF-AS	Fuel filler - Anti-spill device	<input type="checkbox"/> RFH-HIG	High rear wing height - higher wing tops
<input type="checkbox"/> FUFF-ATS	Fuel filler - Anti-spill & anti-syphon device	<input type="checkbox"/> RFH-LOW	Lower rear wing height - shallower wing tops
<input type="checkbox"/> ESH-LEFT	Exhaust - Horizontal silencer - left outlet	<input type="checkbox"/> ATANK-AL	Air tanks - Aluminium
<input checked="" type="checkbox"/> ESH-REAR	Exhaust - Horizontal silencer - rear outlet	<input checked="" type="checkbox"/> ATANK-ST	Air tanks - Steel
<input type="checkbox"/> ESH-RIGH	Exhaust - Horizontal silencer - right outlet	<input checked="" type="checkbox"/> TL-LED	Rear lights - LED
<input type="checkbox"/> ESH-VERT	Exhaust - Horizontal silencer - vertical outlet	<input checked="" type="checkbox"/> BLIGHT-E	Emergency brake light
<input type="checkbox"/> EXST-SSP	Stainless steel exhaust stack - NOT polished	WHEELS & TYRES	
<input type="checkbox"/> EXST-ST	Steel exhaust stack	<input type="checkbox"/> RT-AL	Wheels - Howmet Alcoa brushed aluminium rims - standard holes for long stud fixing
<input type="checkbox"/> WHC-FIX2	Wheel chocks - Two fixed design	<input type="checkbox"/> RT-AL1	Wheels - Howmet Alcoa brushed aluminium rims LVL one - standard holes for long stud fixing
<input type="checkbox"/> WHC-FOL2	Two foldable wheel chocks	<input type="checkbox"/> RT-AL1DU	Wheels - Howmet Alcoa brushed aluminium rims LVL one - countersunk holes for short stud fixing
<input type="checkbox"/> WHCP-F	Wheel chock carrier position - In the front part of the vehicle	<input type="checkbox"/> RT-ALDP	Wheels - Howmet Alcoa Dura-Bright aluminium rims - standard holes for long stud fixing
<input type="checkbox"/> WHCP-R	Wheel chock carrier position - In the rear part of the vehicle	<input type="checkbox"/> RT-ALDPD	Wheels - Howmet Alcoa Dura-Bright EVO aluminium rims - countersunk holes for short stud fixing
<input type="checkbox"/> WHCP-T	Wheel chock carrier position - Outer luggage locker	<input type="checkbox"/> RT-ALDU	Wheels - Howmet Alcoa brushed aluminium rims - countersunk holes for short stud fixing
<input type="checkbox"/> TB-L80	Toolbox 800 mm, left side	<input checked="" type="checkbox"/> RT-STEEL	Wheels - Steel rims
<input type="checkbox"/> TB-R80	Toolbox 800 mm, right side	<input type="checkbox"/> WCAP	Aerodynamic hub caps
		<input type="checkbox"/> SPWT-D	Spare wheel & tyre with rear tyre pattern
		<input type="checkbox"/> SPWT-F	Spare wheel & tyre with front tyre pattern
		<input type="checkbox"/> SWCP-LF	Spare wheel carrier on left side of chassis ahead of rear axle
		<input type="checkbox"/> SWCP-T	Spare wheel supplied temporarily strapped to chassis
		<input type="checkbox"/> SWCP-TP	Temporary spare wheel carrier on top of chassis frame
		<input type="checkbox"/> JACK-12T	12 tonne bottle jack
		<input type="checkbox"/> JACK-15T	15 tonne bottle jack

Standard Equipment Optional Equipment

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MODEL RANGE

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<input type="checkbox"/> JACK-20T	20 tonne bottle jack	<input type="checkbox"/> HPE-F81	Parker F1-81, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
<input checked="" type="checkbox"/> TOOL-BAS	Toolkit - Basic	<input type="checkbox"/> HPE-T53	Parker F2-53/53, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump
<input type="checkbox"/> TOOLKIT	Toolkit - Complete	<input type="checkbox"/> HPE-T70	Parker F2-70/35, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump
<input type="checkbox"/> INFLAHOS	Tyre inflation hose	<input type="checkbox"/> HPE-V45	Parker VP1-45, variable displacement, single flow, engine mounted hydraulic pump
<input type="checkbox"/> GAUGE-TP	Tyre pressure gauge	<input type="checkbox"/> HPE-V75	Parker VP1-75, variable displacement, single flow, engine mounted hydraulic pump
DRIVELINE EQUIPMENT			
<input type="checkbox"/> TRAP-HD	Reinforced gearbox application	<input type="checkbox"/> PTR-D	Gearbox PTO for plug-in pump, 0.71xeng speed
<input checked="" type="checkbox"/> DRM-BE	Drive mode - Balanced & Economy	<input type="checkbox"/> PTR-DH	Gearbox driven high speed PTO for one plug-in hydraulic pump
<input type="checkbox"/> DRM-E	Drive mode - Economy	<input type="checkbox"/> PTR-DM	Gearbox driven medium speed PTO for one plug-in hydraulic pump
<input type="checkbox"/> PVT-MAP	I-See Predictive Cruise Control - using map-based topography information	<input type="checkbox"/> PTR-F	Gearbox driven PTO with rear flange connection
<input checked="" type="checkbox"/> PVT-MTM	I-See Predictive Cruise Control - using map-based topography information with lower operating settings	<input type="checkbox"/> PTRD-D	Gearbox driven HIGH SPEED PTO for two plug-in hydraulic pumps
<input checked="" type="checkbox"/> CRUIS-E	Cruise control - with I-roll and I-cruise, controls in steering wheel	<input type="checkbox"/> PTRD-F	PTO with 1 DIN + 1 flange connection rear, manual gearbox
<input type="checkbox"/> CRUIS-E5	Eco torque software - Improved economy mode. Fuel economy optimized cruise control for I-Save	<input type="checkbox"/> HPG-F101	Gearbox mounted hydraulic pump - Parker F1-101 hydraulic pump gearbox mounted
<input type="checkbox"/> AMSO-AUT	Enhanced I-shift software with manual shift available in auto mode and kickdown facility on accelerator pedal	<input type="checkbox"/> HPG-F41	Gearbox mounted hydraulic pump - Parker F1-41 gearbox mounted, fixed displacement, single flow
<input type="checkbox"/> AVO-ENH	I-Shift application software - Construction and off road applications	<input type="checkbox"/> HPG-F51	Gearbox mounted hydraulic pump - Parker F1-51 gearbox mounted, fixed displacement, single flow
<input type="checkbox"/> APF-ENH	I-shift enhanced PTO functions	<input type="checkbox"/> HPG-F61	Gearbox mounted hydraulic pump - Parker F1-61 gearbox mounted, fixed displacement, single flow
<input type="checkbox"/> TC-MAOH2	Extra high performance transmission oil cooler - air to oil with front mounted radiator	<input type="checkbox"/> HPG-F81	Gearbox mounted hydraulic pump - Parker F1-81 gearbox mounted, fixed displacement, single flow
<input type="checkbox"/> TC-MWO	Basic transmission oil cooler - water to oil	<input checked="" type="checkbox"/> STWPOS-R	Steering wheel position - RIGHT-HAND DRIVE
<input type="checkbox"/> 2COM1100	Air compressor - Two-cylinder 1100 litres per minute	<input type="checkbox"/> STWM-LE	Steering wheel - Leather
<input type="checkbox"/> 2COMP870	Air compressor - Two-cylinder 870 litres per minute	<input type="checkbox"/> STGW-AD2	Steering wheel adjustment - Neck tilt, column height and angle
<input checked="" type="checkbox"/> 2COMP900	Air compressor - Two-cylinder 900 litres per minute	<input checked="" type="checkbox"/> STGW-ADJ	Steering wheel adjustment - Column height and angle
<input type="checkbox"/> CLU-AIRC	Clutchable air compressor	<input checked="" type="checkbox"/> AIRBAG	Driver air bag
<input type="checkbox"/> AIRIN-FR	Front air intake fitted to the underside of cab engine tunnel	<input checked="" type="checkbox"/> DRC-AMII	DPF Regeneration control switch - for manual and switching off regeneration
<input checked="" type="checkbox"/> AIRIN-HI	Air intake - Roof-mounted behind cab on the left-hand side	<input checked="" type="checkbox"/> 1DAYDIG4	Smart tachograph - Continental VDO 4.1 version 2 - legal demand from 21/08/2023
<input type="checkbox"/> AIRIN-LO	Low level air intake behind cab on left hand side	<input type="checkbox"/> ARSL	Additional road speed limit - switch in dashboard
<input type="checkbox"/> ACL1ST-S	Air filter - two-stage element	<input type="checkbox"/> ESP-BAS1	Electronic Stability Control ESC
<input checked="" type="checkbox"/> 24A150BL	Alternator capacity - 150 amp	<input type="checkbox"/> ESPC-RO	Additional ESC functions - Reduced / Off
<input checked="" type="checkbox"/> 24A180BL	Alternator capacity - 180 amp	<input type="checkbox"/> HWSS-ACB	Forward collision warning with adaptive cruise control and AEBs advanced emergency brake system
<input type="checkbox"/> 24AL110B	Alternator capacity - 110 amp	<input checked="" type="checkbox"/> HWSS-FCB	Forward collision warning with AEBs advanced emergency brake system
<input type="checkbox"/> 24AL150B	Alternator capacity - 150 amp	<input type="checkbox"/> LSS-DW	Lane departure warning system
<input type="checkbox"/> CCV-C	Closed crankcase engine ventilation	<input type="checkbox"/> LSS-DW3	Lane departure warning system with pilot assist
<input checked="" type="checkbox"/> CCV-OX	Closed crankcase ventilation for cold markets	<input checked="" type="checkbox"/> LCS4	Side Collision Avoidance Support - Passenger and driver side
<input checked="" type="checkbox"/> PRIM-EL	Electrical priming pump	<input type="checkbox"/> LCS5	Side Collision Avoidance Support - Active support with emergency brake on passenger side. Collision warning on passenger and driver side
<input type="checkbox"/> PRIM-MAN	Manual priming pump	<input checked="" type="checkbox"/> DAS-W	Driver Alert Support system
<input type="checkbox"/> FUEQ-EH	Fuel line electric heater	<input type="checkbox"/> RSENS-W	Rain sensing windscreen wipers
<input type="checkbox"/> AF-R	Hot fuel recirculation heated fuel filter	<input checked="" type="checkbox"/> CU-ECC	Cab climate Unit - Electrically controlled air conditioning with sun sensor
<input checked="" type="checkbox"/> FUEFE2LW	Large engine mounted dual fuel filter with water separator	<input type="checkbox"/> CU-ECC2	Cab climate Unit - Electrically controlled air conditioning with a carbon filter, sun, mist, and air quality sensor
<input type="checkbox"/> EST-AID	Engine starting aid -Preheating element in the air inlet manifold	<input checked="" type="checkbox"/> IGT-BUT	Vehicle starting - Push-button
<input type="checkbox"/> 220EBH15	220V/1.5Kw electric engine block heater	<input checked="" type="checkbox"/> IMMOBIL	Immobiliser
<input type="checkbox"/> PTER-100	Engine power-take-off - Rear-mounted with DIN100/ISO7646 flange	<input type="checkbox"/> ALARM-E	Vehicle alarm - Cab plus external sensor for body/trailer
<input type="checkbox"/> 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)	<input type="checkbox"/> AUD-EXT	Extended audio - Amplifier
<input type="checkbox"/> PTER1400	Engine power-take-off - Rear-mounted with SAE 1410 flange	<input type="checkbox"/> PHONE-PK	Telephone preparation kit (antenna, antenna attachm. cable incl.)
<input type="checkbox"/> HPE-F101	Parker F1-101, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump		
<input type="checkbox"/> HPE-F41	Parker F1-41, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump		
<input type="checkbox"/> HPE-F51	Parker F1-51, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump		
<input type="checkbox"/> HPE-F61	Parker F1-61, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump		

Standard Equipment Optional Equipment

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<input type="checkbox"/> ISUNS-BS	Side sun visor - Driver & passenger side	<input type="checkbox"/> LBK80FRE	Lower bunk - Electrically operated recliner with wide middle section 815 in the centre x 2000 mm
<input checked="" type="checkbox"/> ISUNS-DS	Side sun visor - Driver-side	<input type="checkbox"/> LBK80FRM	Lower bunk - Manually operated recliner with wide middle section 815 in the centre x 2000 mm
<input type="checkbox"/> ISUNF-RE	Electrically operated textile interior sun blind	<input type="checkbox"/> MATL-FI	Lower mattress - Firm pocket sprung
<input checked="" type="checkbox"/> ISUNF-RM	Manually operated textile interior sun blind	<input type="checkbox"/> MATL-FI4	Lower mattress - Firm, memory foam, 2000x700x130 mm
<input type="checkbox"/> CSPL-BX	Lower center dash open storage box	<input checked="" type="checkbox"/> MATL-SF	Lower mattress - Flexi-zone semi-firm, pocket springs up to 100kg - 16 stone
<input checked="" type="checkbox"/> CSPL-BXD	Lower centre dash drawer	<input type="checkbox"/> OLMAT-BA	Mattress overlay protector - 35mm thick
<input type="checkbox"/> ADFS	Two extra DIN slots in front shelf - can be fitted with card or drawer available as an accessory	<input type="checkbox"/> OLMAT-PR	Mattress overlay protector - Premium 50mm thick
<input checked="" type="checkbox"/> BUPALARM	Reverse alarm	<input type="checkbox"/> TBK60AD	Top bunk - Height adjustable foldable 600 x 1900mm
<input type="checkbox"/> RTOLL-PK	Road toll PREPARATION kit for trucks operating with "Toll Collect" in Germany	<input type="checkbox"/> TBK60F	Top bunk - Fixed foldable 600 x 1900mm
<input type="checkbox"/> LOADIND	Load indicator with central dashboard display	<input type="checkbox"/> TBK70AD	Top bunk - Height adjustable foldable 700 x 1900mm
<input type="checkbox"/> REMC-MF	Multi-functio wireless remote control	<input type="checkbox"/> TBK70F	Top bunk - Fixed foldable 700 x 1900mm
<input type="checkbox"/> FIREXT3S	Fire extinguisher - 3kg mounted on the seat base	<input type="checkbox"/> PH-CAB2	Cab parking heater - 1.8kW Air to air
<input type="checkbox"/> WARNVEST	High visibility warning vest - No sleeves	<input type="checkbox"/> PH-ENGCA	Cab parking heater - Engine and cab
<input type="checkbox"/> AIDKIT	First aid kit - Legal demand for EU markets including delivery to EU bodybuilder	<input checked="" type="checkbox"/> SLCP-BAS	Sleeper control panel - Basic with switches for interior light, night heater, roof hatch and door lock
<input type="checkbox"/> AIDKIT1B	First aid kit - Legal demand for trucks transiting Germany	<input type="checkbox"/> SLCP-LUX	Sleeper control panel - Luxury with switches for interior light, night heater, roof hatch, door lock, alarm clock, window and radio
<input type="checkbox"/> WARNLAMP	Portable warning lamp	<input type="checkbox"/> SAFE	Driver's Safe Box
<input type="checkbox"/> LAMP-IN	Inspection lamp	<input type="checkbox"/> RUS-BAS	Rear cab upper storage - 300 mm high
<input type="checkbox"/> BULBKIT	Bulb and fuse kit	<input type="checkbox"/> RUS-HIG	Rear cab upper storage - 440 mm high - volume 245 litres
<input checked="" type="checkbox"/> WRITEPAD	Writing pad	<input type="checkbox"/> TABLE	Bunk table - Folding and height adjustable fitted on lower bunk
<input checked="" type="checkbox"/> DST-CF4	Driver seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt	<input type="checkbox"/> REFR-RUS	Fridge - 28 litre rear upper wall mounted with dividers
<input type="checkbox"/> DST-CF5	Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls with integrated seatbelt	<input type="checkbox"/> REFRIG	Fridge - 33 litre under-bunk mounted with freezer dividers
<input type="checkbox"/> DST-CF6	Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar, heat and ventilation controls with integrated seatbelt	<input type="checkbox"/> MICRO-PK	Microwave equipment - Wiring preparation kit for oven
<input type="checkbox"/> DST-LUX1	Driver seat - Deluxe 1: electrical adjustment with memory function, lumbar support, heating & ventilation with integrated seatbelt	<input type="checkbox"/> BOTH-D	Bottle holder - One under dashboard centre section
<input type="checkbox"/> DST-LUX2	Driver seat - Deluxe 2: electrical adjustment with memory function, lumbar support & heating with integrated seatbelt	<input type="checkbox"/> BOTH-DL	Bottle holders - Two. One under dashboard centre section and one mounted to the under bunk drawer
<input type="checkbox"/> SBD-RED	Seat belt colour - Red	<input type="checkbox"/> BOTH-L	Bottle holder - One mounted to the under bunk drawer
<input type="checkbox"/> SBPRE-DS	Driver seat belt pretensioner	<input type="checkbox"/> COFMA-PK	Coffee maker - Preparation kit.
<input type="checkbox"/> PST-BAS1	Passenger seat - Fixed non suspended fold up with seatbelt mounted on cab "B" post	<input type="checkbox"/> SOL12S	Sleeper, single, 12v outlet
<input type="checkbox"/> PST-CF4	Passenger seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt	<input checked="" type="checkbox"/> INLI-BAS	Interior light - White LEDs
<input type="checkbox"/> PST-CF5	Passenger seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls with integrated seatbelt	<input type="checkbox"/> INLI-NL	Interior light - White and red nightlight LEDs without dimmer
<input type="checkbox"/> PST-RX1	Passenger seat - Fixed non suspended, features: 90-degree rotation and tilt function with seatbelt mounted on cab "B" post	<input type="checkbox"/> INLI-NLD	Interior light - White and red nightlight LEDs with dimmer
<input type="checkbox"/> PST-STD2	Passenger seat - Fixed with backrest adjustment, non suspended with seatbelt mounted on cab "B" post	<input type="checkbox"/> ARL-FLEX	Flexible reading lamps - Two "snake" type
<input checked="" type="checkbox"/> PST-STD4	Passenger seat - Standard suspended with seatbelt mounted on cab "B" post	<input checked="" type="checkbox"/> RH-EE	Fixed tinted glass sky window with emergency exit
<input type="checkbox"/> SBPRE-PS	Passenger seat belt pretensioner	<input type="checkbox"/> RH-ER	Steel roof hatch - Electrically operated, rear opening with emergency exit
<input type="checkbox"/> ARMRE-BB	Armrests - Two on both driver & passenger seats	<input type="checkbox"/> RH-ETR	Tinted glass roof hatch - Electrically operated, rear opening with emergency exit
<input type="checkbox"/> ARMRE-DB	Armrests - Two on the driver seat	<input type="checkbox"/> RH-MTR	Tinted glass roof hatch - Manually operated, rear opening with emergency exit
<input type="checkbox"/> ARMRE-PB	Armrests - Two on the passenger seat	<input checked="" type="checkbox"/> GLAS-TIN	Cab windows - Tinted
<input type="checkbox"/> ARU-BAS	Armrest upholstery - Vinyl	<input type="checkbox"/> SWIND-BS	Cab side window - On both sides behind 'B' post
<input type="checkbox"/> ARU-LEA	Armrest upholstery - Leather	<input checked="" type="checkbox"/> VANMIR	Vanity mirror - In front shelf
<input checked="" type="checkbox"/> GRABHI-B	Instep cab grab handle - Steel finish	<input type="checkbox"/> AS-FUS	Extra shelf in front compartments
<input type="checkbox"/> GRABHI-L	Instep cab grab handle - Leather finish	<input type="checkbox"/> INFOT-PK	TV mounting preparation kit - Above the driver's door, includes bracket, electrical and speaker connections
<input checked="" type="checkbox"/> FMAT-RUB	Footwell floor mats - Rubber	CAB EXTERIOR	
<input type="checkbox"/> FMAT-TX2	Footwell floor mats - Two sets, Rubber and textile with an embossed pile supplied in the cab	<input type="checkbox"/> EXTL-BAS	Basic exterior finish - Satin Volvo badges, grey grille, instep, bumper, bumper spoiler, grille, door handles mirror housing and sunvisor if specified.
<input checked="" type="checkbox"/> LBK80F	Lower bunk - Fixed with wide middle section 815 in the centre x 2000 mm	<input type="checkbox"/> 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.
<input checked="" type="checkbox"/> Standard Equipment	<input type="checkbox"/> Optional Equipment	<input type="checkbox"/> 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

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

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■ DGLAS-H	Door glass - Hardened	□ ACCBR-F	Front roof mounted accessory bracket
□ DGLAS-L	Door glass - Laminated	□ ACCBR-FM	Front & middle roof mounted accessory brackets
■ BUMP-B	Front bumper - Plastic	□ ACCBR-FR	Front & rear roof mounted accessory brackets
□ BUMP-B2	Front bumper - Steel	□ ACCBR-M	Middle roof mounted accessory bracket
□ BUMP-HD	Front bumper - Heavy duty	□ ACCBR-R	Rear roof mounted accessory bracket
□ BUMP-SP	Front bumper spoiler	□ ACCBR-RM	Rear & middle roof mounted accessory brackets
□ GUARD-EH	Sump and radiator guard - to protect engine and hoses	□ STUC-B	Left and right storage compartments under cab
■ BUGNET	Radiator insect screen	□ STUC-L	Left storage compartment under cab
□ CTILT-P-E	Electrically operated hydraulic cab tilt	□ STUC-R	Right storage compartment under cab
■ CTILT-P-M	Manually operated hydraulic cab tilt	□ REFS-TW	White cab conspicuity markings by packed in cab
□ FCABS-A	Front cab suspension - Air	□ REFS-TY	Yellow cab conspicuity markings by packed in cab
■ FCABS-M	Front cab suspension - Mechanical spring	SUPERSTRUCTURE PREPARATIONS	
□ RCABS-A	Rear cab suspension - Air	□ SRWL-PK	Chassis-mounted working lamps - Side work and reverse lamp preparation and 3 position switch - Max load 280W
■ RCABS-M	Rear cab suspension - Mechanical spring	□ SWL-2FW	Chassis-mounted working lamps - Two white front mounted LED lamps
■ HCC-INEX	Lockable front service hatch - Activated by door lock remote	□ SWL-2RW	Chassis-mounted working lamps - Two white rear mounted LED lamps
□ MIRFCFCS	Mirrors - Electrically heated and operated main and wide-angle with manually adjusted passenger kerb and front mirror and position camera in nearside mirror arm	□ SWL-4W	Chassis-mounted working lamps - Four white front and rear mounted LED lamps
□ 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.	□ SWL-PK	Chassis-mounted working lamps - Side work lamp preparation and 2 position switch - Max load 280W
□ MIRCMS	Camera monitoring and mirrors - Electrically heated and operated main and wide-angle rear view cameras with manually adjusted passenger kerb and front mirror	□ WLC-H2W	Working lamp back of cab - Two white LED high mounted at the back of cab
■ MIRCINF	Mirrors - Electrically heated and operated main and wide angle and manually adjusted passenger kerb and front mirror	□ WLC-PKCH	Working lamp back of cab - Preparation kit - cables and switch
■ AMIR-F20	Auxiliary front view mirror with a 200mm radius	□ WLC-PKH	Preparation kit, cables and switch for high mounted working lamps back of cab
□ SUNV-H	External smoke grey sunvisor	□ WLC-PKL	Preparation kit, cables and switch for low mounted working lamps back of cab
□ AD-ROOF	Cab roof deflector - Adjustable	□ WLC-PKLH	Preparation kit - cables and switch for low and high mounted working lamps back of cab.
□ AD-SIDES	Cab side deflector - Short extension panels	■ ECBB-HIG	Bodybuilder module - High level body electrical centre in dash input/output module
■ HL-LED	Headlights - LED	□ ECBB-MED	Bodybuilder module - Medium level body electrical centre in dash input/output module
□ HL-LED3	Headlights - LED Adaptive high beam	□ BBCHAS1	One 7-pole connector for Body builder interface
■ HL-CLEAN	Headlight cleaner - Washer jets	□ BBCHAS3	Three 7-pole connectors for Body builder interface
□ HLP-ST	Headlight protection	□ BEPR-T2	Body builder electrical software preparation for tipper with remote control
□ DRIVL2	Two spot lamps	□ EXSTER	External steering control - Volvo dynamic steering and bodybuilder module prepared for external control system, installed and computer by bodybuilder
□ UDRIVL	Auxiliary driving lights - Without	■ TD-LED	Trailer detection with LED sensing
■ FOGL-WC	Front fog lights	□ FRFS-B5	Frame rail free space - both sides to give space for crane legs or other equipment
□ CL-STAT	Static corner lights	□ FBA-BTF	Lower front body attachments for torsionally flexible - platform body
□ ASL-RF2	Integrated roof spotlights - Two LED aerodynamic spot lights in Globetrotter sign box	□ FBA-BTSF	Lower front body attachments for torsionally semi-flexible body - box or curtainsider
□ BEACOA2F	Roof beacons - Two front roof mounted amber LED	□ HBA-FSFB	Holes for body attachments - flexible/semi-flexible body
□ BEACOA2R	Roof beacons - Two rear roof mounted amber LED	□ HBA-SB	Holes for body attachments - stiff body
□ BEACON-P	Roof beacons - switch and wiring preparation only	□ RBA-T2	Lower rear body attachments for helper frame
□ BEACONA4	Roof beacons - Four amber LED - two front/ two rear	□ CRANEPK1	Crane plates mounted to frame, for cranes up to 10 tonne metre capacity
□ CABPT-R1	Single outlet for roof mounted accessories	□ CRANEPK2	Crane plates mounted to frame, for cranes up to 20 tonne metre capacity
■ CABPT-R2	Twin outlets for roof mounted accessories.	□ CRANEPK4	Crane plates mounted to frame, for cranes up to 40 tonne metre capacity
□ SPOTP-F	Spotlamp preparation in front, max 280W	□ AUXL-SPK	Electrical preparation kit - wiring and switch for snow plough lights
□ SPOTP-R	Spotlamp preparation on roof, max 280W	□ TAILPRE2	Tail lift preparation kit, wireless remote operation
□ SPOTP-RF	Spotlamp preparation on cab roof and in cab front, max 2x280W	□ TAILPREP	Taillift preparation kit - cab switch and warning in driver display
□ ROS-IL2	Preparation kit for illuminated roof sign with switch loose in cab, fit after registration	□ AESW2	Two Body builder bistable electrical switches (marked AUX1 / AUX2)
□ CSGN-GTR	Cab sign logo - Volvo "Globetrotter" or "Power" sign	□ AESW2PK	2 Body builder bistable el.switches (marked AUX1/AUX2) and prep. for 4 more switches
■ 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.		
□ ACCBR-AP	Front, middle & rear roof mounted accessory brackets		

■ Standard Equipment

□ Optional Equipment

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- **AUXSW-4** Wiring for 4 extra switches (from Body builder electrical centre to switch positions)

DELIVERY SERVICES

- **TGW-4GWL** Telematics gateway - GSM/GPRS/4G modem, LTE & WLAN
- **FMS-PK** Fleet management system gateway - Required for aftermarket telematics
- **DRUT1** Driver utility app - "My Truck" - 1 year subscription
For mobile phone, tablet, with android and IOS systems.
Only available with Volvo Connect subscription
- **DRUT2** Driver utility app - "My Truck" - 2 year subscription
For mobile phone, tablet, with android and IOS systems.
Only available with Volvo Connect subscription
- **DRUT3** Driver utility app - "My Truck" - 3 year subscription
For mobile phone, tablet, with android and IOS systems.
Only available with Volvo Connect subscription
- **DRUT4** Driver utility app - "My Truck" - 4 year subscription
For mobile phone, tablet, with android and IOS systems.
Only available with Volvo Connect subscription
- **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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