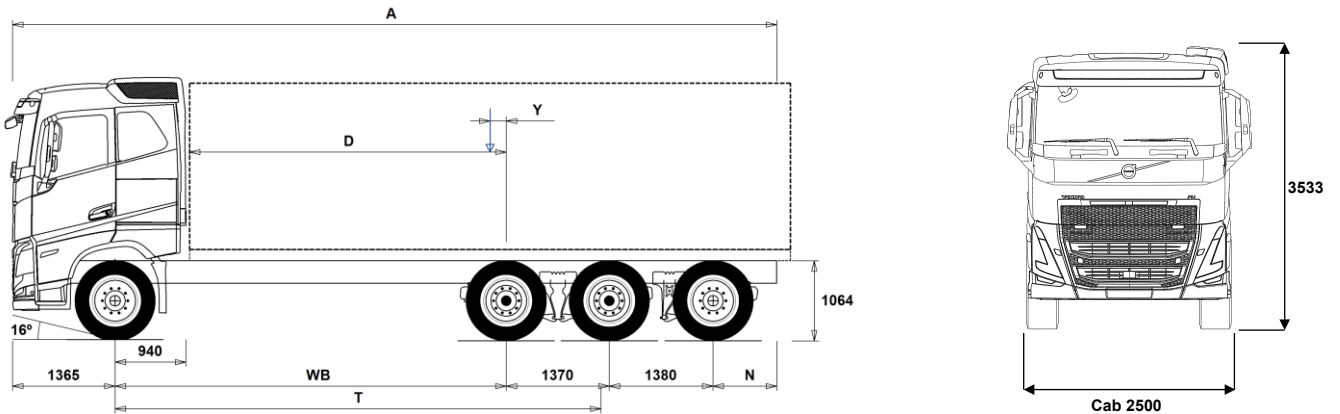


MODEL RANGE

FH 13 8x4 Rigid - Tag Tridem - N3 or N3G – contact sales engineering reference



Chassis Dimensions [mm]

WB Wheelbase	3700	3900	4100	4300	4600	4900	5200
A Overall Chassis Length	9760	10160	10460	10610	10860	11210	11360
D Center of rear axle to front of body	2710	2910	3110	3310	3610	3910	4210
N Rear Overhang (Min.)	845	845	845	845	845	1245	845
N Rear Overhang (Max.)	1945	2145	2245	2195	2145	2195	2045
T Theoretical Wheelbase	4959	5159	5359	5559	5859	6159	6459
Y Center of Gravity for Payload (Min.)	-575	-554	-535	-517	-492	-462	-437
Y Center of Gravity for Payload (Max.)	-575	-554	-535	-517	-492	-462	-437

Chassis Weights [kg]

Front Axle	4955	4985	5025	5065	5125	5160	5210
Rear Bogie	4915	4910	4910	4885	4875	4860	4830
Kerb Weight	9870	9895	9935	9950	10000	10020	10040
Payload (including body, driver, fuel, etc.)	22130	22105	22065	22050	22000	21980	21960

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	15500	16100	16700	17300	18200	19100	20000
Turning Circle Diameter Wall to Wall	16800	17400	18000	18700	19600	20500	21400

Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	32000	36000
Gross Combination Weight	35470	44000
Front Axle	8000	9000
Rear Bogie	24000	27000

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-HYDRS.

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 FH84RT3A.

MODEL RANGE

FH 13 8x4 Rigid - Tag Tridem - N3 or N3G – contact sales engineering reference

TRUCK USE

- RC-ROUGH** Road conditions - On / off-road
- RC-SMOOTH** 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
- CHH-XHIG** Chassis height - X-High - for loading heights check the unique BEP chassis drawing attached to this quote
- TA-HYSB2** Tag axle - Electro-hydraulically steered
- RADDT-G2** Rear air suspension - 3 axles - 2 driven/1 tag, high ground clearance
- RADDT-GR** Rear air suspension - 3 axles - 2 driven / 1 tag
- 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-ALSPL** 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-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-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
- ASO-C** Crawler gear - Ratio direct top gearbox 19:1 Ratio Overdrive gearbox 17:1
- ASO-ULC** Ultra low crawler and crawler gear - Ratios direct top gearbox 32:1 and 19:1 Ratios Overdrive box 32:1 and 17:1
- RTH2610B** Drive axles - RTH2610B 26-tonne hub reduction tandem with differential and cross locks* - design GCW 100tonne, 4 planetary gears
* Cross locks replaced by a dog clutch if tandem axle lift is specified.
- RTH2610F** Drive axles - RTH2610F 26-tonne hub reduction tandem with differential and cross locks* - design GCW 100tonne
* Cross locks replaced by a dog clutch if tandem axle lift is specified.
- RTS2310A** Drive axles - RTS2310A 23-tonne single reduction tandem with differential and cross locks*- design GCW 100tonne
* Cross locks replaced by a dog clutch if tandem axle lift is specified
- RTS2370A** Drive axles - RTS2370A 23-tonne single reduction tandem with differential and cross locks*- design GCW 70tonne
* Cross locks replaced by a dog clutch if tandem axle lift is specified

PACKAGES

- FP-D13** Fuel Package
- 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-SEL** Safety Package - Select
- CHASPAC** Chassis Package Rigid

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 8x4 Rigid - Tag Tridem - N3 or N3G – contact sales engineering reference

CHASSIS

<input type="checkbox"/> FST-AIR	Front suspension type - Air	<input checked="" type="checkbox"/> 2BAT210C	Battery Capacity - 2 x 210 Ah - AGM Absorbent Glass-fibre Material type
<input type="checkbox"/> FST-PAR	Front suspension type - 2 leaf parabolic springs	<input checked="" type="checkbox"/> BATTAMP	Battery management - Voltage and current gauge
<input checked="" type="checkbox"/> FST-PAR3	Front suspension type - 3 leaf parabolic springs	<input type="checkbox"/> BATTIND	Battery management - Voltage, current and charge indicators
<input type="checkbox"/> FST-PL1	Front suspension type - Lightweight 2 leaf parabolic springs - top leaf steel - lower composite	<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"/> FSLs-BAS	Front suspension levelling - basic stroke	<input type="checkbox"/> MSWI-A	Battery master switch - ADR switch circuit shut down
<input type="checkbox"/> FSLs-HI	Front suspension levelling - high stroke for demount operations - check with bodybuilder	<input checked="" type="checkbox"/> MSWI-R	Battery master switch - Key fob operated remote controlled
<input type="checkbox"/> FAL10.0	Front axle design capacity - 10 tonne - check tyre capacity	<input checked="" type="checkbox"/> R330A71	Right fuel tank - 330litre aluminium diameter 710mm Min volume 255l Max volume 810l
<input checked="" type="checkbox"/> FAL9.0	Front axle design capacity - 9.0 tonne - check tyre capacity	<input checked="" type="checkbox"/> UL-FUEL	Left fuel tank - Without Min volume 160l Max volume 730l
<input type="checkbox"/> FSM-LUB	Front suspension maintenance - Lubricated rear shackles on pins and bushings	<input type="checkbox"/> ADTP-L	AdBlue tank position - Chassis mounted on the left-hand side
<input checked="" type="checkbox"/> FSTAB	Front anti-roll bar - Normal stiffness	<input checked="" type="checkbox"/> ADTP-R	AdBlue tank position - Chassis mounted on the right-hand side
<input type="checkbox"/> FSTAB2	Front anti-roll bar - Medium stiffness	<input checked="" type="checkbox"/> ADB048	Plastic AdBlue tank - 48 litre
<input type="checkbox"/> FSTAB3	Front anti-roll bar - High stiffness	<input checked="" type="checkbox"/> ADB064	Plastic AdBlue tank - 64 litre
<input checked="" type="checkbox"/> RAL27	Rear bogie design capacity - 27 tonne	<input checked="" type="checkbox"/> ADB068	Plastic AdBlue tank - 68 litre
<input type="checkbox"/> RAL33	Rear bogie design capacity - 33 tonne	<input type="checkbox"/> ADB083	Plastic AdBlue tank - 83 litre
<input type="checkbox"/> RAL36	Rear Bogie Design Capacity - 36 tonne	<input type="checkbox"/> ADB090	Plastic AdBlue tank - 90 litre
<input checked="" type="checkbox"/> RSTAB3	Rear anti-roll bar - Stiff	<input type="checkbox"/> ADB112	Plastic AdBlue tank - 112 litre
<input type="checkbox"/> RALIM105	Rear-axle load limiter - 10.5 tonne - speed controlled	<input type="checkbox"/> ADTC-BF	AdBlue tank cover with satin alloy look decorative cover
<input checked="" type="checkbox"/> RALIM115	Rear-axle load limiter -11.5 tonne - speed controlled	<input checked="" type="checkbox"/> FCAP-L	Diesel and AdBlue filler cap - Locking
<input type="checkbox"/> RALIM13	Rear-axle load limiter - 13 tonne	<input checked="" type="checkbox"/> FUFF-AS	Fuel filler - Anti-spill device
<input type="checkbox"/> RALIM95	Rear-axle load limiter - 9.5 tonne	<input type="checkbox"/> FUFF-ATS	Fuel filler - Anti-spill & anti-syphon device
<input checked="" type="checkbox"/> ASF-DL1	Air suspension with 1 driving level	<input type="checkbox"/> ESH-LEFT	Exhaust - Horizontal silencer - left outlet
<input type="checkbox"/> ASF-DL3	Air suspension with 3 driving levels	<input checked="" type="checkbox"/> ESH-REAR	Exhaust - Horizontal silencer - rear outlet
<input type="checkbox"/> ACTST-TO	Active Steering- Volvo Dynamic Steering - VDS - with extra electronic pump and torque overlay	<input type="checkbox"/> ESH-RIGH	Exhaust - Horizontal silencer - right outlet
<input type="checkbox"/> ASFE-BAS	Active steering feature - Basic - Volvo Dynamic Steering - VDS - only	<input type="checkbox"/> ESH-VERT	Exhaust - Horizontal silencer - vertical outlet
<input type="checkbox"/> ASFE-OG	Active steering feature - Volvo Dynamic Steering - VDS - with stability assist - oversteer	<input type="checkbox"/> EXST-SSP	Stainless steel exhaust stack - NOT polished
<input type="checkbox"/> ASFE-PO	Active steering feature - Volvo Dynamic Steering - VDS - with personal settings and stability assist	<input type="checkbox"/> EXST-ST	Steel exhaust stack
<input type="checkbox"/> ASFE-PS	Active steering feature - Volvo Dynamic Steering - VDS - with personal settings	<input type="checkbox"/> HS-NAR	Narrow heat shield
<input checked="" type="checkbox"/> PSS-DUAL	Power steering system - Dual	<input type="checkbox"/> WHC-FIX2	Wheel chocks - Two fixed design
<input type="checkbox"/> PSS-SING	Power steering system - Single	<input type="checkbox"/> WHC-FOL2	Two foldable wheel chocks
<input checked="" type="checkbox"/> PSP-VAR	Power steering pump - Variable displacement	<input type="checkbox"/> WHCP-F	Wheel chock carrier position - In the front part of the vehicle
<input type="checkbox"/> PSP-VAR2	Power steering pump - Variable displacement with electronic control	<input type="checkbox"/> WHCP-M	Wheel chock carrier position - Middle part of the vehicle
<input checked="" type="checkbox"/> EBS-MED	Brake package - EBS medium including "hill" hold function	<input type="checkbox"/> WHCP-R	Wheel chock carrier position - In the rear part of the vehicle
<input type="checkbox"/> AUXPARK	Auxiliary parking brake - Additional spring brakes	<input type="checkbox"/> WHCP-T	Wheel chock carrier position - Outer luggage locker
<input checked="" type="checkbox"/> RST-AIR	Rear suspension type - Air	<input type="checkbox"/> TB-L80	Toolbox 800 mm, left side
<input checked="" type="checkbox"/> FRAME300	Chassis frame section external height - 300 mm	<input type="checkbox"/> TB-R80	Toolbox 800 mm, right side
<input checked="" type="checkbox"/> FST7070	Chassis frame thickness - 7 mm web and flange	<input type="checkbox"/> SUP-BAS	Side guards - Check with bodybuilder chassis space requirements
<input type="checkbox"/> FST8080	Chassis frame thickness - 8 mm web and flange	<input type="checkbox"/> SUP-LOW	EC approved low chassis side guards
<input type="checkbox"/> FIL-EEEE	Chassis frame inner liner - From the end of the engine to the end of the bogie	<input type="checkbox"/> CHAIN-S	Snow chains
<input type="checkbox"/> FIL-EEEF	Chassis frame inner liner - From the end of the engine to end of the frame	<input type="checkbox"/> HOOK-SC	Snow chain hooks
<input checked="" type="checkbox"/> FIL-FBEB	Chassis frame inner liner - Over the rear bogie	<input checked="" type="checkbox"/> TOWF-NO1	Front towing device - One detachable - stored in cab
<input type="checkbox"/> FIL-FBEF	Chassis frame inner liner - From the front of bogie to the end of the frame	<input type="checkbox"/> TOWF-NO2	Front towing device - Two detachable - stored in cab
<input type="checkbox"/> FIL-TXEB	Chassis frame inner liner - From gearbox member to the end of the bogie	<input type="checkbox"/> TOWMBRH	Towing member, high mounted in centre of frame, D = 190
<input type="checkbox"/> FIL-TXEF	Chassis frame inner liner - From gearbox member to the end of the frame	<input type="checkbox"/> TOWMBRL1	Towing member, low mounted under the frame
<input checked="" type="checkbox"/> BBOX-L	Battery box position - Left hand side	<input type="checkbox"/> TOWMBRM	Towing member, medium mounted in line with frame lower flange
<input type="checkbox"/> BATS-D	Dual energy battery system - 2 living batteries and 2 starter batteries.	<input checked="" type="checkbox"/> RFEC-S	Rear frame profile - Straight cut
<input checked="" type="checkbox"/> BATS-S	Single energy battery system (2 batteries)	<input type="checkbox"/> RFEC-U	Rear frame profile - Slight uppercut for tipplers
<input type="checkbox"/> 2BAT210B	Battery Capacity - 2 x 210 Ah - Gel type	<input type="checkbox"/> C-RI4040	Towing coupling, Ringfeder 4040A
		<input type="checkbox"/> C-RI5050	Towing coupling, Ringfeder 5050A
		<input type="checkbox"/> C-RO400G	Towing coupling, Rockinger 400 G-150 for 40mm eyes
		<input type="checkbox"/> C-RO50	Rockinger RO 50 50mm for centre axle trailer
		<input type="checkbox"/> C-VBG795	VBG 795V-3 coupling (centre axle trailer)
		<input type="checkbox"/> TOWR-ONE	Towing hitch attached to rear crossmember

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

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<ul style="list-style-type: none"> ■ TREL-PK Trailer electrical preparation kit - chassis/cab wiring □ TREL14 Single 14 pole electrical trailer connector □ TREL15 Trailer electrical connection - Single 15 pin - ADR certified □ TREL7 7 pole - 24N trailer electrical suzie □ TREL7-7 Trailer electrical connection - 2 x 7 pin - 24N and 24S □ TBC-DUO Trailer brake connections - Duomatic type □ TBC-EC Trailer brake connections - EC palm coupling connectors □ 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 Rear mud wings - Three piece EC approved and spray flaps □ RFEND-T Rear mud wings - Temporary on drive axle for transport delivery only □ RFH-BAS Basic rear wing height □ RFH-HIG High rear wing height - higher wing tops □ RFH-LOW Lower rear wing height - shallower wing tops □ AUXATNK Auxiliary airtank □ ATANK-AL Air tanks - Aluminium ■ ATANK-ST Air tanks - Steel ■ TL-LED Rear lights - LED ■ BLIGHT-E Emergency brake light 	<ul style="list-style-type: none"> □ 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 □ 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
<h2>WHEELS & TYRES</h2>	
<ul style="list-style-type: none"> □ 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-R Rear mounted spare wheel carrier □ 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 	
<h2>DRIVELINE EQUIPMENT</h2>	
<ul style="list-style-type: none"> □ 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 	
<ul style="list-style-type: none"> ■ Standard Equipment 	<ul style="list-style-type: none"> □ Optional Equipment

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<input type="checkbox"/> PTRD-D1	PTRD-D1 Gearbox driven HIGH SPEED PTO (1 SAE flange & 1 plug-in hydraulic pump)	<input type="checkbox"/> LOADIND	Load indicator with central dashboard display
<input type="checkbox"/> PTRD-D2	Gearbox driven HIGH SPEED PTO (2 SAE flanges & 1 plug-in hyd pump)	<input type="checkbox"/> REMC-MF	Multi-functio wireless remote control
<input type="checkbox"/> PTRD-F	PTO with 1 DIN + 1 flange connection rear, manual gearbox	<input type="checkbox"/> FIREXT3S	Fire extinguisher - 3kg mounted on the seat base
<input type="checkbox"/> HPG-F101	Gearbox mounted hydraulic pump - Parker F1-101 hydraulic pump gearbox mounted	<input type="checkbox"/> WARNVEST	High visibility warning vest - No sleeves
<input type="checkbox"/> HPG-F41	Gearbox mounted hydraulic pump - Parker F1-41 gearbox mounted, fixed displacement, single flow	<input type="checkbox"/> AIDKIT	First aid kit - Legal demand for EU markets including delivery to EU bodybuilder
<input type="checkbox"/> HPG-F51	Gearbox mounted hydraulic pump - Parker F1-51 gearbox mounted, fixed displacement, single flow	<input type="checkbox"/> AIDKIT1B	First aid kit - Legal demand for trucks transiting Germany
<input type="checkbox"/> HPG-F61	Gearbox mounted hydraulic pump - Parker F1-61 gearbox mounted, fixed displacement, single flow	<input type="checkbox"/> WARNLAMP	Portable warning lamp
<input type="checkbox"/> HPG-F81	Gearbox mounted hydraulic pump - Parker F1-81 gearbox mounted, fixed displacement, single flow	<input type="checkbox"/> LAMP-IN	Inspection lamp
<input checked="" type="checkbox"/> STWPOS-R	Steering wheel position - RIGHT-HAND DRIVE	<input type="checkbox"/> BULBKIT	Bulb and fuse kit
<input type="checkbox"/> STWM-LE	Steering wheel - Leather	<input checked="" type="checkbox"/> WRITEPAD	Writing pad
<input type="checkbox"/> STGW-AD2	Steering wheel adjustment - Neck tilt, column height and angle	<input checked="" type="checkbox"/> DST-CF4	Driver seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt
<input checked="" type="checkbox"/> STGW-ADJ	Steering wheel adjustment - Column height and angle	<input type="checkbox"/> DST-CF5	Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls with integrated seatbelt
<input checked="" type="checkbox"/> AIRBAG	Driver air bag	<input type="checkbox"/> DST-CF6	Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar, heat and ventilation controls with integrated seatbelt
<input checked="" type="checkbox"/> DRC-AMI	DPF Regeneration control switch - for manual and switching off regeneration	<input type="checkbox"/> DST-LUX1	Driver seat - Deluxe 1: electrical adjustment with memory function, lumbar support, heating & ventilation with integrated seatbelt
<input checked="" type="checkbox"/> 1DAYDIG4	Smart tachograph - Continental VDO 4.1 version 2 - legal demand from 21/08/2023	<input type="checkbox"/> DST-LUX2	Driver seat - Deluxe 2: electrical adjustment with memory function, lumbar support & heating with integrated seatbelt
<input type="checkbox"/> ARSL	Additional road speed limit - switch in dashboard	<input type="checkbox"/> SBD-RED	Seat belt colour - Red
<input type="checkbox"/> ESP-BAS1	Electronic Stability Control ESC	<input type="checkbox"/> SBPRE-DS	Driver seat belt pretensioner
<input type="checkbox"/> ESPC-RO	Additional ESC functions - Reduced / Off	<input type="checkbox"/> PST-BAS1	Passenger seat - Fixed non suspended fold up with seatbelt mounted on cab "B" post
<input type="checkbox"/> HWSS-ACB	Forward collision warning with adaptive cruise control and AEBs advanced emergency brake system	<input type="checkbox"/> PST-CF4	Passenger seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt
<input checked="" type="checkbox"/> HWSS-FCB	Forward collision warning with AEBs advanced emergency brake system	<input type="checkbox"/> PST-CF5	Passenger seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls with integrated seatbelt
<input type="checkbox"/> LSS-DW	Lane departure warning system	<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"/> LSS-DW3	Lane departure warning system with pilot assist	<input type="checkbox"/> PST-STD2	Passenger seat - Fixed with backrest adjustment, non suspended with seatbelt mounted on cab "B" post
<input checked="" type="checkbox"/> LCS4	Side Collision Avoidance Support - Passenger and driver side	<input checked="" type="checkbox"/> PST-STD4	Passenger seat - Standard suspended with seatbelt mounted on cab "B" post
<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"/> SBPRE-PS	Passenger seat belt pretensioner
<input checked="" type="checkbox"/> DAS-W	Driver Alert Support system	<input type="checkbox"/> ARMRE-BB	Armrests - Two on both driver & passenger seats
<input type="checkbox"/> RSENS-W	Rain sensing windscreen wipers	<input type="checkbox"/> ARMRE-DB	Armrests - Two on the driver seat
<input checked="" type="checkbox"/> CU-ECC	Cab climate Unit - Electrically controlled air conditioning with sun sensor	<input type="checkbox"/> ARMRE-PB	Armrests - Two on the passenger seat
<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"/> ARU-BAS	Armrest upholstery - Vinyl
<input checked="" type="checkbox"/> IGT-BUT	Vehicle starting - Push-button	<input type="checkbox"/> ARU-LEA	Armrest upholstery - Leather
<input checked="" type="checkbox"/> IMMOBIL	Immobiliser	<input checked="" type="checkbox"/> GRABHI-B	Instep cab grab handle - Steel finish
<input type="checkbox"/> ALARM-E	Vehicle alarm - Cab plus external sensor for body/trailer	<input type="checkbox"/> GRABHI-L	Instep cab grab handle - Leather finish
<input type="checkbox"/> AUD-EXT	Extended audio - Amplifier	<input checked="" type="checkbox"/> FMAT-RUB	Footwell floor mats - Rubber
<input type="checkbox"/> PHONE-PK	Telephone preparation kit (antenna, antenna attachm. cable incl.)	<input type="checkbox"/> FMAT-TX2	Footwell floor mats - Two sets, Rubber and textile with an embossed pile supplied in the cab
<input type="checkbox"/> ISUNS-BS	Side sun visor - Driver & passenger side	<input checked="" type="checkbox"/> LBK80F	Lower bunk - Fixed 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"/> LBK80FRE	Lower bunk - Electrically 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"/> LBK80FRM	Lower bunk - Manually operated recliner with wide middle section 815 in the centre x 2000 mm
<input checked="" type="checkbox"/> ISUNF-RM	Manually operated textile interior sun blind	<input type="checkbox"/> MATL-FI	Lower mattress - Firm pocket sprung
<input type="checkbox"/> CSPL-BX	Lower center dash open storage box	<input type="checkbox"/> MATL-FI4	Lower mattress - Firm, memory foam, 2000x700x130 mm
<input checked="" type="checkbox"/> CSPL-BXD	Lower centre dash drawer	<input checked="" type="checkbox"/> MATL-SF	Lower mattress - Flexi-zone semi-firm, pocket springs up to 100kg - 16 stone
<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-BA	Mattress overlay protector - 35mm thick
<input checked="" type="checkbox"/> BUPALARM	Reverse alarm	<input type="checkbox"/> OLMAT-PR	Mattress overlay protector - Premium 50mm thick
<input type="checkbox"/> RTOLL-PK	Road toll PREPARATION kit for trucks operating with "Toll Collect" in Germany	<input type="checkbox"/> TBK60AD	Top bunk - Height adjustable foldable 600 x 1900mm
		<input type="checkbox"/> TBK60F	Top bunk - Fixed foldable 600 x 1900mm
		<input type="checkbox"/> TBK70AD	Top bunk - Height adjustable foldable 700 x 1900mm

Standard Equipment

Optional Equipment

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<ul style="list-style-type: none"> □ 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 ■ 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 □ 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 	<ul style="list-style-type: none"> □ 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-SIDES Cab side deflector - Short extension panels ■ 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. □ 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 □ REFS-TW White cab conspicuity markings by packed in cab □ REFS-TY Yellow cab conspicuity markings by packed in cab
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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

■ Standard Equipment □ Optional Equipment

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SUPERSTRUCTURE PREPARATIONS

- SRWL-PK** Chassis-mounted working lamps - Side work and reverse lamp preparation and 3 position switch - Max load 280W
- SWL-2FW** Chassis-mounted working lamps - Two white front mounted LED lamps
- SWL-2RW** Chassis-mounted working lamps - Two white rear mounted LED lamps
- SWL-4W** Chassis-mounted working lamps - Four white front and rear mounted LED lamps
- SWL-PK** Chassis-mounted working lamps - Side work lamp preparation and 2 position switch - Max load 280W
- WLC-H2W** Working lamp back of cab - Two white LED high mounted at the back of cab
- WLC-PKCH** Working lamp back of cab - Preparation kit - cables and switch
- 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-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
- 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 - Volvo dynamic steering and bodybuilder module prepared for external control system, installed and computer by bodybuilder
- **TD-LED** Trailer detection with LED sensing
- FRFS-BS** Frame rail free space - both sides to give space for crane legs or other equipment
- FBA-BTF** Lower front body attachments for torsionally flexible - platform body
- FBA-BTSF** Lower front body attachments for torsionally semi-flexible body - box or curtainsider
- HBA-FSFB** Holes for body attachments - flexible/semi-flexible body
- HBA-SB** Holes for body attachments - stiff body
- RBA-T2** Lower rear body attachments for helper frame
- CRANEPK1** Crane plates mounted to frame, for cranes up to 10 tonne metre capacity
- CRANEPK2** Crane plates mounted to frame, for cranes up to 20 tonne metre capacity
- CRANEPK4** Crane plates mounted to frame, for cranes up to 40 tonne metre capacity
- 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)

- 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

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

■ Standard Equipment □ Optional Equipment

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Volvo Trucks. Driving Progress