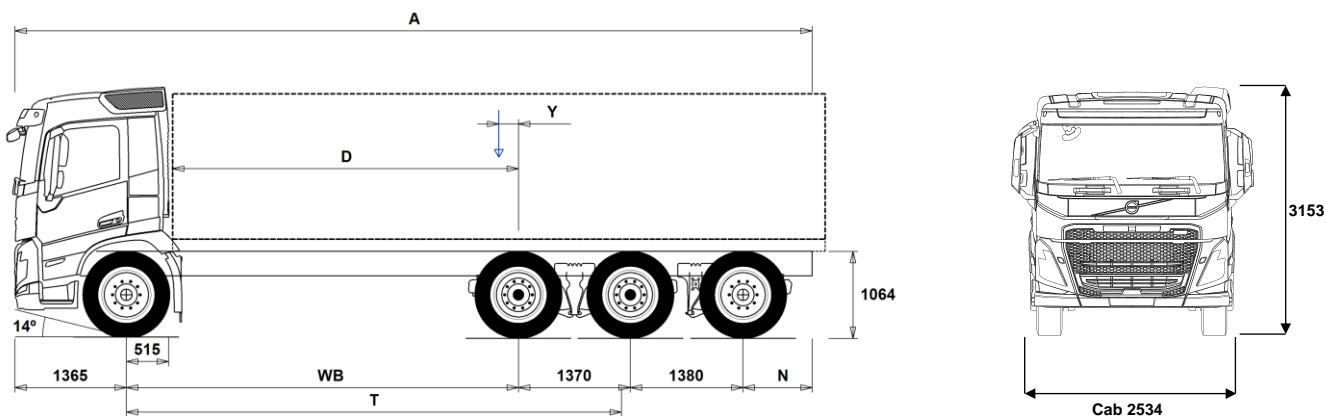


MODEL RANGE

FM 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	3135	3335	3535	3735	4035	4335	4635
N Rear Overhang (Min.)	845	845	845	845	845	845	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.)	-527	-499	-471	-447	-411	-370	-334
Y Center of Gravity for Payload (Max.)	-527	-499	-471	-447	-411	-370	-334

Chassis Weights [kg]

Front Axle	4665	4675	4690	4715	4745	4760	4785
Rear Bogie	4740	4760	4780	4780	4785	4795	4780
Kerb Weight	9405	9435	9470	9495	9530	9555	9565
Payload (including body, driver, fuel, etc.)	22595	22565	22530	22505	22470	22445	22435

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	15500	16100	16700	17300	18200	19100	20000
Turning Circle Diameter Wall to Wall	16900	17500	18100	18700	19600	20500	21500

Plated Weights [kg]

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

Important Notes

Chassis Dimensions

Cab Height: +328 mm for CAB-HSLP, -262 mm for CAB-LDAY, -262 mm for CAB-LSLP, +16 mm for CAB-SLP.
 Front Axle to Back of Cab: +431 mm for CAB-HSLP and CAB-SLP, -69 mm for CAB-LDAY, +425 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 FM84RT3A.

MODEL RANGE

FM 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
- GARB-PRE** Transport Adaption - Refuse preparation
- 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-XHIGH** Chassis Height - X-High - for loading heights check the unique BEP chassis drawing attached to this quote
- TA-HYSBS** 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
- FM-CREW** Cab - Fire four-door crew for up to 9 people
- FM-DAY5** Cab - Day - with steel safety cage design
Designed and built to Swedish impact and ECE R29 regulations
- FM-HSLP5** Cab - Globetrotter - with steel safety cage design
Designed and built to Swedish impact and ECE R29 regulations
- FM-LDAY5** Cab - Low Day - with steel safety cage design
Designed and built to Swedish impact and ECE R29 regulations
- FM-LSLP5** Cab - Low sleeper - with steel safety cage design
Designed and built to Swedish impact and ECE R29 regulations
- FM-SLP5** Cab - Sleeper with steel safety cage design
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.
- D13K420** D13K420 - 420hp engine
- D13K460** D13K460 - 460hp engine
- D13K500** D13K500 - 500hp engine
- 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
- 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
- PT2606** Gearbox - Powertronic automatic 6-speed, max. engine torque 2600 Nm, max. permitted GCW 130000 kg
- 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-U LC** 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
- PTO-HT16** High torque power take-off up to 1600Nm
- PTO-HT20** High torque power take-off up to 2000Nm

PACKAGES

- FP-D13+** Fuel Package +
- DRIVE5** Cab Package - Drive
- DRIVE5+** Cab Package - Drive +
- DRIVE5++** Cab Package - Drive ++
- 1LIVINFM** Sleep & Resting Package - Living one-bed
- 2LIVINFM** Sleep & Resting Package - Living two-bed
- INFOBAS** Basic media package without secondary display
- INFODF** Media Information Platform with Dynafleet Support
- INFOMED** Media Information Platform - Medium level
- INFONAV** Media Information Platform with Navigation
- INFONDF** Media Information Platform with Navigation & Volvo Connect "On board" Support
- VISI5+** Visibility+ Package
- SAFE22** Safety package
- SAFE22+** Safety Package +
- 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
- FSLB-BAS** Front suspension levelling - basic stroke
- FSLB-HI** Front suspension levelling - high stroke for demount operations - check with bodybuilder
- FAL10.0** Front axle design capacity - 10 tonne - check tyre capacity
- FAL9.0** Front axle design capacity - 9.0 tonne - check tyre capacity
- 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
- RAL27** Rear bogie design capacity - 27 tonne
- RAL33** Rear bogie design capacity - 33 tonne
- RAL36** Rear Bogie Design Capacity - 36 tonne
- RSTAB3** Rear anti-roll bar - Stiff
- RALIM105** Rear-axle load limiter - 10.5 tonne - speed controlled
- RALIM115** Rear-axle load limiter - 11.5 tonne - speed controlled
- RALIM13** Rear-axle load limiter - 13 tonne
- RALIM95** Rear-axle load limiter - 9.5 tonne
- ASF-DL1** Air suspension with 1 driving level
- ASF-DL3** Air suspension with 3 driving levels

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

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

<input type="checkbox"/> ACTST-TO	Active Steering- Volvo Dynamic Steering - VDS - with extra electronic pump and torque overlay	<input type="checkbox"/> ADTC-BF	AdBlue tank cover with satin alloy look decorative cover
<input type="checkbox"/> ASFE-BAS	Active steering feature - Basic - Volvo Dynamic Steering - VDS - only	<input checked="" type="checkbox"/> FCAP-L	Diesel and AdBlue filler cap - Locking
<input type="checkbox"/> ASFE-OG	Active steering feature - Volvo Dynamic Steering - VDS - with stability assist - oversteer	<input checked="" type="checkbox"/> FUFF-AS	Fuel filler - Anti-spill device
<input type="checkbox"/> ASFE-PO	Active steering feature - Volvo Dynamic Steering - VDS - with personal settings and stability assist	<input checked="" type="checkbox"/> FUFF-ATS	Fuel filler - Anti-spill & anti-syphon device
<input type="checkbox"/> ASFE-PS	Active steering feature - Volvo Dynamic Steering - VDS - with personal settings	<input type="checkbox"/> ESH-LEFT	Exhaust - Horizontal silencer - left outlet
<input checked="" type="checkbox"/> PSS-DUAL	Power steering system - Dual	<input checked="" type="checkbox"/> ESH-REAR	Exhaust - Horizontal silencer - rear outlet
<input type="checkbox"/> PSS-SING	Power steering system - Single	<input type="checkbox"/> ESH-RIGH	Exhaust - Horizontal silencer - right outlet
<input checked="" type="checkbox"/> PSP-VAR	Power steering pump - Variable displacement	<input type="checkbox"/> ESH-VERT	Exhaust - Horizontal silencer - vertical outlet
<input type="checkbox"/> PSP-VAR2	Power steering pump - Variable displacement with electronic control	<input type="checkbox"/> EXST-SSP	Stainless steel exhaust stack - NOT polished
<input checked="" type="checkbox"/> EBS-MED	Brake package - EBS medium including "hill" hold function	<input type="checkbox"/> EXST-ST	Steel exhaust stack
<input type="checkbox"/> AUXPARK	Auxiliary parking brake - Additional spring brakes	<input type="checkbox"/> HS-NAR	Narrow heat shield
<input checked="" type="checkbox"/> RST-AIR	Rear suspension type - Air	<input type="checkbox"/> WHC-FIX2	Wheel chocks - Two fixed design
<input checked="" type="checkbox"/> SUSPL-EC	Remote electronic control on wander-lead for air suspension levelling	<input type="checkbox"/> WHC-FOL2	Two foldable wheel chocks
<input checked="" type="checkbox"/> FRAME300	Chassis frame section external height - 300 mm	<input type="checkbox"/> WHCP-F	Wheel chock carrier position - In the front part of the vehicle
<input checked="" type="checkbox"/> FST7070	Chassis frame thickness - 7 mm web and flange	<input type="checkbox"/> WHCP-M	Wheel chock carrier position - Middle part of the vehicle
<input type="checkbox"/> FST8080	Chassis frame thickness - 8 mm web and flange	<input type="checkbox"/> WHCP-R	Wheel chock carrier position - In the rear part of the vehicle
<input type="checkbox"/> FIL-EEEEB	Chassis frame inner liner - From the end of the engine to the end of the bogie	<input type="checkbox"/> WHCP-T	Wheel chock carrier position - Outer luggage locker
<input type="checkbox"/> FIL-EEEF	Chassis frame inner liner - From the end of the engine to end of the frame	<input type="checkbox"/> TB-L80	Toolbox 800 mm, left side
<input checked="" type="checkbox"/> FIL-FBEB	Chassis frame inner liner - Over the rear bogie	<input type="checkbox"/> TB-R80	Toolbox 800 mm, right side
<input type="checkbox"/> FIL-FBEF	Chassis frame inner liner - From the front of bogie to the end of the frame	<input type="checkbox"/> SUP-BAS	Side guards - Check with bodybuilder chassis space requirements
<input type="checkbox"/> FIL-TXEB	Chassis frame inner liner - From gearbox member to the end of the bogie	<input type="checkbox"/> SUP-LOW	EC approved low chassis side guards
<input type="checkbox"/> FIL-TXEF	Chassis frame inner liner - From gearbox member to the end of the frame	<input type="checkbox"/> CHAIN-S	Snow chains
<input checked="" type="checkbox"/> BBOX-L	Battery box position - Left hand side	<input type="checkbox"/> HOOK-SC	Snow chain hooks
<input type="checkbox"/> BATS-D	Dual energy battery system - 2 living batteries and 2 starter batteries.	<input checked="" type="checkbox"/> TOWF-NO1	Front towing device - One detachable - stored in cab
<input checked="" type="checkbox"/> BATS-S	Single energy battery system (2 batteries)	<input type="checkbox"/> TOWF-NO2	Front towing device - Two detachable - stored in cab
<input type="checkbox"/> 2BAT210B	Battery Capacity - 2 x 210 Ah - Gel type	<input type="checkbox"/> TOWMBRH	Towing member, high mounted in centre of frame, D = 190
<input checked="" type="checkbox"/> 2BAT210C	Battery Capacity - 2 x 210 Ah - AGM Absorbent Glass-fibre Material type	<input type="checkbox"/> TOWMBRL1	Towing member, low mounted under the frame
<input checked="" type="checkbox"/> BATTAMP	Battery management - Voltage and current gauge	<input type="checkbox"/> TOWMBRM	Towing member, medium mounted in line with frame lower flange
<input type="checkbox"/> BATTIND	Battery management - Voltage, current and charge indicators	<input checked="" type="checkbox"/> RFEC-S	Rear frame profile - Straight cut
<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"/> RFEC-U	Rear frame profile - Slight uppercut for tippers
<input type="checkbox"/> MSWI-A	Battery master switch - ADR switch circuit shut down	<input type="checkbox"/> C-RI4040	Towing coupling, Ringfeder 4040A
<input checked="" type="checkbox"/> MSWI-C	Battery master switch - Chassis mounted toggle by the battery box	<input type="checkbox"/> C-RI5050	Towing coupling, Ringfeder 5050A
<input type="checkbox"/> MSWI-R	Battery master switch - Key fob operated remote controlled	<input type="checkbox"/> C-RO400G	Towing coupling, Rockinger 400 G-150 for 40mm eyes
<input checked="" type="checkbox"/> R330A71	Right fuel tank - 330litre aluminium diameter 710mm Min volume 255l Max volume 810l	<input type="checkbox"/> C-RO50	Rockinger RO 50 50mm for centre axle trailer
<input checked="" type="checkbox"/> UL-FUEL	Left fuel tank - Without Min volume 160l Max volume 730l	<input type="checkbox"/> C-VBG795	VBG 795V-3 coupling (centre axle trailer)
<input type="checkbox"/> ADTP-L	Adblue tank position - Chassis mounted on the left-hand side	<input type="checkbox"/> TOWR-ONE	Towing hitch attached to rear crossmember
<input checked="" type="checkbox"/> ADTP-R	Adblue tank position - Chassis mounted on the right-hand side	<input checked="" type="checkbox"/> TREL-PK	Trailer electrical preparation kit - chassis/cab wiring
<input checked="" type="checkbox"/> ADB048	Plastic AdBlue tank - 48 litre	<input type="checkbox"/> TREL14	Single 14 pole electrical trailer connector
<input checked="" type="checkbox"/> ADB064	Plastic AdBlue tank - 64 litre	<input type="checkbox"/> TREL15	Trailer electrical connection - Single 15 pin - ADR certified
<input type="checkbox"/> ADB068	Plastic AdBlue tank - 68 litre	<input type="checkbox"/> TREL7	7 pole - 24N trailer electrical suzie
<input type="checkbox"/> ADB083	Plastic AdBlue tank - 83 litre	<input type="checkbox"/> TREL7-7	Trailer electrical connection - 2 x 7 pin - 24N and 24S
<input type="checkbox"/> ADB090	Plastic AdBlue tank - 90 litre	<input type="checkbox"/> TBC-DUO	Trailer brake connections - Duomatic type
<input type="checkbox"/> ADB112	Plastic AdBlue tank - 112 litre	<input type="checkbox"/> TBC-EC	Trailer brake connections - EC palm coupling connectors
<input checked="" type="checkbox"/> Standard Equipment		<input type="checkbox"/> TRBR-HCF	Full pressure hand controlled trailer brake
<input type="checkbox"/> Optional Equipment		<input type="checkbox"/> TRBR-STA	Stationary trailer brake control
		<input type="checkbox"/> TRB-STRE	Stretch Brake - Automatic low speed trailer brake activation to avoid jack-knifing and improve steerability
		<input type="checkbox"/> RFEND-B	Rear mud wings - Three piece EC approved and spray flaps
		<input type="checkbox"/> RFEND-T	Rear mud wings - Temporary on drive axle for transport delivery only
		<input type="checkbox"/> RFH-BAS	Basic rear wing height
		<input type="checkbox"/> RFH-HIG	High rear wing height - higher wing tops
		<input type="checkbox"/> RFH-LOW	Lower rear wing height - shallower wing tops
		<input type="checkbox"/> AUXATNK	Auxiliary airtank
		<input type="checkbox"/> ATANK-AL	Air tanks - Aluminium
		<input checked="" type="checkbox"/> ATANK-ST	Air tanks - Steel
		<input checked="" type="checkbox"/> TL-LED	Rear lights - LED
		<input type="checkbox"/> BLIGHT-E	Emergency brake light

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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WHEELS & TYRES

- RT-AL** Wheels - Alcoa brushed aluminium rims - standard holes for long stud fixing
- RT-ALDP** Wheels - Alcoa Dura-Bright aluminium rims - standard holes for long stud fixing
- RT-ALDPD** Wheels - Alcoa Dura-Bright EVO aluminium rims - countersunk holes for short stud fixing
- RT-ALDU** Wheels - 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

DRIVELINE EQUIPMENT

- TRAP-HD** Reinforced gearbox application
- **DRM-BE** Drive Mode - Balanced & Economy
- DRM-E** Drive Mode - Economy
- PVT-MAP** I-See Predictive Cruise Control - using map based topography information
- **CRUIS-E** Cruise control - with I-roll and I-cruise, controls in steering wheel
- CRUIS-E5** Eco torque software - Improved economy mode. Fuel economy optimized cruise control for I-Save
- AMSO-AUT** Enhanced I-shift software with manual shift available in auto mode and kickdown facility on accelerator pedal
- AVO-ENH** I-Shift application software - Construction and off road applications
- APF-ENH** I-shift enhanced PTO functions
- RET-TH** Gearbox mounted retarder
- RET-TPT** Hydraulic Retarder for Powertronic gearbox
- TC-HWO** Transmission oil cooler - water to oil
- 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-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
- **24A110BL** Alternator capacity - 110 amp
- 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
- FUEFE2SW** Small 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
- PTPT-D** Powertronic PTO, 1 front/upper DIN connection for plug-in pump (max. 850 Nm)
- PTPT-F** Powertronic PTO, 1 front/upper rear facing SAE flange conn. for prop shaft (max.850 Nm)
- PTR-D** Gearbox PTO for plug-in pump, 0.71xeng speed
- PTR-DH** Gearbox driven high speed PTO for one plug-in hydraulic pump
- PTR-DM** Gearbox driven medium speed PTO for one plug-in hydraulic pump
- PTR-F** Gearbox driven PTO with rear flange connection
- PTR-FH** Gearbox driven high speed PTO with SAE drive flange
- PTR-FL** Gearbox driven low speed PTO with SAE drive flange
- PTRD-D** Gearbox driven HIGH SPEED PTO for two plug-in hydraulic pumps
- PTRD-D1** PTRD-D1 Gearbox driven HIGH SPEED PTO (1 SAE flange & 1 plug-in hydraulic pump)
- PTRD-D2** Gearbox driven HIGH SPEED PTO (2 SAE flanges & 1 plug-in hyd pump)
- PTRD-F** PTO with 1 DIN + 1 flange connection rear, manual gearbox
- HPG-F101** Parker F1-101 gearbox mounted, fixed displacement, single flow, hydraulic pump
- HPG-F41** Parker F1-41 gearbox mounted, fixed displacement, single flow, hydraulic pump
- HPG-F51** Parker F1-51 gearbox mounted, fixed displacement, single flow, hydraulic pump
- HPG-F61** Parker F1-61 gearbox mounted, fixed displacement, single flow, hydraulic pump
- HPG-F81** Parker F1-81 gearbox mounted, fixed displacement, single flow, hydraulic pump
- **STWPOS-R** Steering wheel position - RIGHT-HAND DRIVE
- STWM-LE** Steering wheel - Leather rim
- STGW-AD2** Steering wheel adjustment - Neck tilt, column height and angle
- **STGW-ADJ** Steering wheel adjustment - Column height and angle
- **AIRBAG** Driver air bag
- INST-BAS** Basic level instruments
- **DRC-AMII** DPF Regeneration control switch - for manual and switching off regeneration

■ Standard Equipment □ Optional Equipment

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■ 1DAYDIG2	Tachograph - Continental VDO 4.0	■ PST-BAS1	Passenger seat - Fixed non suspended fold up with seatbelt mounted on cab "B" post
□ ARSL	Additional road speed limit - switch in dashboard	□ PST-CF4	Passenger seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt
□ ESP-BAS1	Electronic Stability Control ESC	□ PST-CF5	Passenger seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls with integrated seatbelt
□ ESPC-RO	Additional ESC functions - Reduced / Off	□ PST-STD2	Passenger seat - Fixed with backrest adjustment, non suspended with seatbelt mounted on cab "B" post
□ HWSS-AC	Adaptive cruise control with forward collision warning	□ PST-STD4	Passenger seat - Standard suspended with seatbelt mounted on cab "B" post
□ HWSS-ACB	Adaptive cruise control ACC with forward collision warning and AEBS advanced emergency brake system	□ SBPRE-PS	Passenger seat belt pretensioner
□ HWSS-FCB	Forward collision warning with AEBS advanced emergency brake system	□ ARMRE-BB	Armrests - Two on both driver & passenger seats
□ LSS-DW	Lane departure-warning system	□ ARMRE-DB	Armrests - Two on the driver seat
□ LCS	Lane change support	□ ARMRE-PB	Armrests - Two on the passenger seat
□ LCS4	Side Collision Avoidance Support - passenger and driver side	□ ARU-BAS	Armrest upholstery - Vinyl
□ DAS-W	Driver Alert Support system	□ ARU-LEA	Armrest upholstery - Leather
□ RSENS-W	Rain sensing windscreen wipers	■ FMAT-RUB	Footwell floor mats - Rubber
□ CU-ECC	Cab Climate Unit - Electrically controlled air conditioning with sun sensor	□ FMAT-TX2	Footwell floor mats - Two sets, Rubber and textile with an embossed pile supplied in the cab
□ CU-ECC2	Cab Climate Unit - Electrically controlled air conditioning with a carbon filter, sun, mist, and air quality sensor	□ LBK70	Lower bunk - Fixed 700 x 2000 mm
■ CU-MCC	Cab Climate Unit - Manual air conditioning	□ MATL-FI	Lower mattress - Firm pocket sprung
■ IMMOBIL	Thatcham H2 approved immobiliser	□ MATL-SF	Lower mattress - Flexi-zone semi-firm, pocket springs up to 100kg - 16 stone
□ ALARM-E	Vehicle alarm - Cab plus external sensor for body/trailer	□ OLMAT-BA	Mattress overlay protector - 35mm thick
□ BUPMON	Back up monitor - Digital reverse camera, parameter & lead supplied loose in cab.	□ OLMAT-PR	Mattress overlay protector - Premium 50mm thick
□ PHONE-PK	Telephone preparation kit (antenna, antenna attachm. cable incl.)	□ TBK60F	Top bunk - Fixed foldable 600 x 1900mm
□ ISUNS-BS	Side sun visor - Driver & passenger side	□ TBK70F	Top bunk - Fixed foldable 700 x 1900mm
■ ISUNS-DS	Side sun visor - Driver-side	□ PH-CAB2	Cab parking heater - 1.8kW Air to air
□ ISUNF-B	Interior front sun visor without mirror	□ PH-ENGCA	Cab parking heater - Engine and cab
□ ISUNF-MD	Interior front sun visor with mirror on driver side	□ PH-SS	Cab parking heater - Short stop
□ ISUNF-RE	Electrically operated textile interior sun blind	□ SLCP-BAS	Sleeper control panel - Basic with switches for interior light, night heater, roof hatch and door lock
■ ISUNF-RM	Manually operated textile interior sun blind	□ ETSB-F	Storage on engine tunnel - Central document box with two rear cup holders
□ ADFS	Two extra DIN slots in front shelf - can be fitted with card or drawer available as an accessory	□ ETSB-FR	Storage on engine tunnel - Central document box with two rear cup holders & open storage pocket on cab rear wall
■ BUPALARM	Reverse alarm	□ ETSB-R	Storage on engine tunnel - Open storage pocket on cab rear wall
□ RTOLL-PK	Road toll PREPARATION kit for trucks operating with "Toll Collect" in Germany	□ RUS-BAS	Rear cab upper storage - 300 mm high
□ LOADIND	Load indicator with central dashboard display	□ RUS-HIG	Rear cab upper storage - 440 mm high - volume 245 litres
□ REMC-MF	Multi-functio wireless remote control	□ REF-ICPK	Fridge - Engine tunnel mounted preparation kit
□ FIREXT3S	Fire extinguisher - 3kg mounted on the seat base	□ REFR-RUS	Fridge - 28 litre rear upper wall mounted with dividers
□ WARNVEST	High visibility warning vest - no sleeves	□ MICRO-PK	Microwave equipment - Wiring preparation kit for oven
□ AIDKIT	First aid kit - Legal demand for EU markets including delivery to EU bodybuilder	□ BOTH-D	Bottle holder - One under dashboard centre section
□ AIDKIT1B	First aid kit - Legal demand for trucks transiting Germany	□ COFMA-PK	Coffee maker - Preparation kit.
□ WARNLAMP	Portable warning lamp	■ INLI-BAS	Interior light - White LEDs
□ LAMP-IN	Inspection lamp	□ INLI-NL	Interior light - White and red nightlight LEDs without dimmer
□ BULBKIT	Bulb and fuse kit	□ INLI-NLD	Interior light - White and red nightlight LEDs with dimmer
□ WRITEPAD	Writing pad	□ ARL-FLEX	Flexible reading lamps - Two "snake" type
■ DST-CF4	Driver seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt	■ RH-EE	Fixed tinted glass sky window with emergency exit
□ DST-CF5	Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls with integrated seatbelt	□ RH-ER	Steel roof hatch - Electrically operated, rear opening with emergency exit
□ DST-CF6	Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar, heat and ventilation controls with integrated seatbelt	□ RH-ETR	Tinted glass roof hatch - Electrically operated, rear opening with emergency exit
□ SBD-RED	Seat belt colour - Red	□ RH-MTR	Tinted glass roof hatch - Manually operated, rear opening with emergency exit
□ SBPRE-DS	Driver seat belt pretensioner	■ GLAS-TIN	Cab windows - Tinted
		□ SWIND-BS	Cab side window - On both sides behind 'B' post
		□ SWIND-PS	Cab side window - Left side behind 'B' post
		□ AWIND-RF	Rear window
		□ VANMIR	Vanity mirror - In front shelf
		□ AS-FUS	Extra shelf in front compartments

■ 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).

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MODEL RANGE

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

- INFOT-PK** TV mounting preparation kit - Above the driver's door, includes bracket, electrical and speaker connections

CAB EXTERIOR

- EXTL-BA2** Enhanced exterior finish - Satin Volvo badges, instep, bumper, and mirror housing in cab colour. Main grille in thunder grey. Aluminium step inserts. Sunvisor and bumper spoiler in cab colour if specified.
- **EXTL-BAS** Basic exterior finish - Satin Volvo badges, grey grille, instep, bumper, bumper spoiler, grille, door handles mirror housing and sunvisor if specified.
- **DGLAS-H** Door glass - Hardened
- DGLAS-L** Door glass - Laminated
- **LOCK-CTL** Door locks - Central locking with key
- LOCK-REM** Door locks - Remote central locking
- BUMP-B** Front bumper - Plastic
- **BUMP-B2** Front bumper - Steel
- BUMP-SP** Front bumper spoiler
- GUARD-EH** Sump and radiator guard - to protect engine and hoses
- **BUGNET** Radiator insect screen
- CTILT-P-E** Electrically operated hydraulic cab tilt
- **CTILT-P-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
- MIRCFPCS** Mirrors - Electrically heated and operated main and wide-angle with manually adjusted kerb view mirror on the passenger side and position camera in nearside mirror arm.
- MIRCFCPX** Mirrors - Electrically heated and operated - FMX- main and wide-angle with manually adjusted kerb view mirror on the passenger side and position camera in nearside mirror arm. To increase direct vision to the side the main mirrors have no cowlings
- **MIRCOMF** Electrically heated and operated main and wide angle mirrors and manually adjusted kerb view mirror on passenger side
- MIRCOMFX** Electrically heated and operated -FMX- main and wide-angle mirrors with manually adjusted passenger kerb mirror, to increase direct vision to the side the main mirrors have no cowlings
- **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-BASIC** Headlamps - Halogen
- HL-CLEAN** Head lamp cleaner - washer jets
- HLP-ST** Headlamp protection
- HL-ADJ** Headlight adjustment - Switch in cab
- DRIVL2** Two spot lamps
- **UDRIVL** Auxiliary driving lights - Without
- **FOGL-WC** Front fog lights
- CL-STAT** Static corner lights
- ASL-RF2** Two Hella H11 70W spotlamps 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** "Globetrotter" headboard logo
- **HORN-F1S** Horn - Air single tone - chassis mounted
- HORN-R2S** Horn - Air - Two roof-mounted
- ANT-CBR** Roof mounted antenna for CB radio, single aerial. Only Globetrotter cabs brings in extra DIN slots.
- ACCBP-AP** Front, middle & rear roof mounted accessory brackets
- ACCBP-F** Front roof mounted accessory bracket
- ACCBP-FM** Front & middle roof mounted accessory brackets
- ACCBP-FR** Front & rear roof mounted accessory brackets
- ACCBP-M** Middle roof mounted accessory bracket
- ACCBP-R** Rear roof mounted accessory bracket
- ACCBP-RM** Rear & middle roof mounted accessory brackets
- REFS-TW** White cab conspicuity markings by packed in cab
- REFS-TY** Yellow cab conspicuity markings by packed in cab

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-H2A** Two H3/70W working lamps with amber coloured lens high mounted back of cab
- WLC-H2W** Two H3/70W white working lamps high mounted on 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** Body builder electrical centre with body builder module
- **ECBB-MED**
- 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-BAS** Trailer detection WITHOUT LED sensing
- **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

■ Standard Equipment Optional Equipment

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MODEL RANGE

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- **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)

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