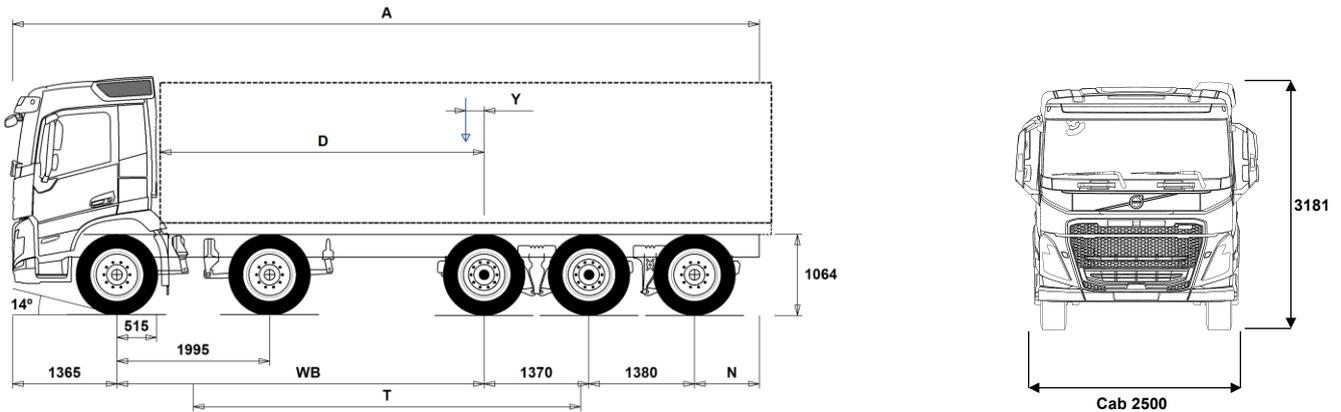


# MODEL RANGE

FM 13 10x4 Rigid - Tag Tridem - N3 – contact sales engineering reference



## Chassis Dimensions [mm]

WB Wheelbase	4300	4350	4600	4900	5100	5600	6000
A Overall Chassis Length	10810	11160	11260	11560	11710	11360	11310
D Center of rear axle to front of body	3735	3785	4035	4335	4535	5035	5435
N Rear Overhang (Min.)	845	845	845	845	845	845	845
N Rear Overhang (Max.)	2395	2695	2545	2545	2495	1645	1195
T Theoretical Wheelbase	4561	4611	4861	5161	5361	5861	6261
Y Center of Gravity for Payload (Min.)	-953	-945	-930	-903	-890	-862	-837
Y Center of Gravity for Payload (Max.)	754	782	895	1038	1130	1346	1525

## Chassis Weights [kg]

Front Axles	6565	6545	6555	6530	6535	6560	6570
Rear Bogie	4055	4100	4135	4195	4225	4205	4230
Kerb Weight	10620	10645	10690	10725	10760	10765	10800
Payload (including body, driver, fuel, etc.)	21380	21355	21310	21275	21240	21235	21200

## Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	18100	18200	19000	20000	20600	22200	23500
Turning Circle Diameter Wall to Wall	19400	19600	20400	21400	22000	23600	24900

## Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	32000	43000
Gross Combination Weight	38770	44000
Front Axles	16000	16000
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 FM104RFT3A.

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### 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
- **TA-HYSBS** Tag axle - Electro-hydraulically steered
- **RADDT-GR** Rear air suspension - 3 axles - 2 driven / 1 tag
- **FM-DAY6** Cab - Day - with steel safety cage design  
Designed and built to Swedish impact and ECE R29 regulations
- FM-HSLP6** Cab - Globetrotter sleeper, with steel safety cage design  
Designed and built to Swedish impact and ECE R29 regulations
- FM-LDAY6** Cab - Low Day - with steel safety cage design  
Designed and built to Swedish impact and ECE R29 regulations
- FM-LSLP6** Cab - Low sleeper, with steel safety cage design  
Designed and built to Swedish impact and ECE R29 regulations
- FM-SLP6** Cab - Sleeper, with steel safety cage design  
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.
- **D13K420** D13K420 - 420hp engine
- D13K460** D13K460 - 460hp engine
- D13K500** D13K500 - 500hp engine
- 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
- 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

■ 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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- 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
- 1LIVINFM** Sleep & Resting Package - Living one-bed
- 2LIVINFM** 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
- FSLs-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
- **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
- 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
- ASFE-PS** Active steering feature - Volvo Dynamic Steering - VDS - with personal settings
- **PSP-VAR** Power steering pump - Variable displacement
- PSP-VAR2** Power steering pump - Variable displacement with electronic control
- **EBS-MED** Brake package - EBS medium including "hill" hold function
- AUXPARK** Auxiliary parking brake - Additional spring brakes
- **RST-AIR** Rear suspension type - Air
- **FRAME300** Chassis frame section external height - 300 mm

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■ <b>FST8080</b>	Chassis frame thickness - 8 mm web and flange	□ <b>C-RI5050</b>	Towing coupling, Ringfeder 5050A
■ <b>FIL-EEEB</b>	Chassis frame inner liner - From the end of the engine to the end of the bogie	□ <b>C-RO400G</b>	Towing coupling, Rockinger 400 G-150 for 40mm eyes
□ <b>FIL-EEEF</b>	Chassis frame inner liner - From the end of the engine to end of the frame	□ <b>C-RO50</b>	Rockinger RO 50 50mm for centre axle trailer
■ <b>BBOX-L</b>	Battery box position - Left hand side	□ <b>C-VBG795</b>	VBG 795V-3 coupling (centre axle trailer)
□ <b>2BAT210B</b>	Battery Capacity - 2 x 210 Ah - Gel type	□ <b>TOWR-ONE</b>	Towing hitch attached to rear crossmember
■ <b>2BAT210C</b>	Battery Capacity - 2 x 210 Ah - AGM Absorbent Glass-fibre Material type	□ <b>TREL-PK</b>	Trailer electrical preparation kit - chassis/cab wiring
■ <b>BATTAMP</b>	Battery management - Voltage and current gauge	□ <b>TREL14</b>	Single 14 pole electrical trailer connector
□ <b>BATTIND</b>	Battery management - Voltage, current and charge indicators	□ <b>TREL15</b>	Trailer electrical connection - Single 15 pin - ADR certified
□ <b>ADR2</b>	ADR Adaptation - For transportation of dangerous goods on the road - Note does NOT include safe loading pass package if required this is quoted separately	□ <b>TREL7</b>	7 pole - 24N trailer electrical suzie
□ <b>MSWI-A</b>	Battery master switch - ADR switch circuit shut down	□ <b>TREL7-7</b>	Trailer electrical connection - 2 x 7 pin - 24N and 24S
■ <b>MSWI-R</b>	Battery master switch - Key fob operated remote controlled	□ <b>TBC-DUO</b>	Trailer brake connections - Duomatic type
■ <b>UR-FUEL</b>	Right fuel tank - Without Min volume 255l Max volume 810l	□ <b>TBC-EC</b>	Trailer brake connections - EC palm coupling connectors
■ <b>UL-FUEL</b>	Left fuel tank - Without Min volume 160l Max volume 450l	□ <b>TRBR-STA</b>	Stationary trailer brake control
□ <b>ADTP-L</b>	AdBlue tank position - Chassis mounted on the left-hand side	□ <b>TRB-STRE</b>	Stretch Brake - Automatic low speed trailer brake activation to avoid jack-knifing and improve steerability
□ <b>ADTP-LF</b>	AdBlue tank position - Chassis mounted on the left-hand side between axle 1 and 2	□ <b>FFEND-B</b>	Standard mounted mud wings on second front axle
■ <b>ADTP-R</b>	AdBlue tank position - Chassis mounted on the right-hand side	□ <b>FFEND-T</b>	Transport mounted mud wings on second front axle
□ <b>ADB032</b>	Plastic AdBlue tank - 32 litres	□ <b>RFEND-B</b>	Rear mud wings - Three piece EC approved and spray flaps
□ <b>ADB048</b>	Plastic AdBlue tank - 48 litre	□ <b>RFEND-T</b>	Rear mud wings - Temporary on drive axle for transport delivery only
□ <b>ADB064</b>	Plastic AdBlue tank - 64 litre	□ <b>RFH-BAS</b>	Basic rear wing height
□ <b>ADTC-BF</b>	AdBlue tank cover with satin alloy look decorative cover	□ <b>RFH-HIG</b>	High rear wing height - higher wing tops
■ <b>FCAP-L</b>	Diesel and AdBlue filler cap - Locking	□ <b>RFH-LOW</b>	Lower rear wing height - shallower wing tops
■ <b>FUFF-AS</b>	Fuel filler - Anti-spill device	■ <b>ATANK-AL</b>	Air tanks - Aluminium
□ <b>FUFF-ATPS</b>	Fuel filler - Anti-spill & anti-syphon device	■ <b>ATANK-ST</b>	Air tanks - Steel
□ <b>ESH-LEFT</b>	Exhaust - Horizontal silencer - left outlet	□ <b>TL-LED</b>	Rear lights - LED
■ <b>ESH-REAR</b>	Exhaust - Horizontal silencer - rear outlet	■ <b>BLIGHT-E</b>	Emergency brake light
□ <b>ESH-RIGH</b>	Exhaust - Horizontal silencer - right outlet		
□ <b>ESH-VERT</b>	Exhaust - Horizontal silencer - vertical outlet		
□ <b>EXST-SSP</b>	Stainless steel exhaust stack - NOT polished		
□ <b>EXST-ST</b>	Steel exhaust stack		
□ <b>WHC-FIX2</b>	Wheel chocks - Two fixed design		
□ <b>WHC-FOL2</b>	Two foldable wheel chocks		
□ <b>WHCP-F</b>	Wheel chock carrier position - In the front part of the vehicle		
□ <b>WHCP-R</b>	Wheel chock carrier position - In the rear part of the vehicle		
□ <b>WHCP-T</b>	Wheel chock carrier position - Outer luggage locker		
□ <b>TB-L80</b>	Toolbox 800 mm, left side		
□ <b>TB-R80</b>	Toolbox 800 mm, right side		
□ <b>SUP-BAS</b>	Side guards - Check with bodybuilder chassis space requirements		
□ <b>SUP-LOW</b>	EC approved low chassis side guards		
□ <b>CHAIN-S</b>	Snow chains		
□ <b>HOOK-SC</b>	Snow chain hooks		
■ <b>TOWF-NO1</b>	Front towing device - One detachable - stored in cab		
□ <b>TOWF-NO2</b>	Front towing device - Two detachable - stored in cab		
□ <b>TOWMBRH</b>	Towing member, high mounted in centre of frame, D = 190		
□ <b>TOWMBRL1</b>	Towing member, low mounted under the frame		
□ <b>TOWMBRM</b>	Towing member, medium mounted in line with frame lower flange		
■ <b>RFEC-S</b>	Rear frame profile - Straight cut		
□ <b>RFEC-U</b>	Rear frame profile - Slight uppercut for tipppers		
□ <b>C-RI4040</b>	Towing coupling, Ringfeder 4040A		

■ Standard Equipment

□ Optional Equipment

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<input type="checkbox"/> <b>CRUIS-E5</b>	Eco torque software - Improved economy mode. Fuel economy optimized cruise control for I-Save	<input type="checkbox"/> <b>AIRBAG</b>	Driver air bag
<input type="checkbox"/> <b>AMSO-AUT</b>	Enhanced I-shift software with manual shift available in auto mode and kickdown facility on accelerator pedal	<input checked="" type="checkbox"/> <b>DRC-AMII</b>	DPF Regeneration control switch - for manual and switching off regeneration
<input type="checkbox"/> <b>AVO-ENH</b>	I-Shift application software - Construction and off road applications	<input checked="" type="checkbox"/> <b>1DAYDIG4</b>	Smart tachograph - Continental VDO 4.1 version 2 - legal demand from 21/08/2023
<input type="checkbox"/> <b>APF-ENH</b>	I-shift enhanced PTO functions	<input type="checkbox"/> <b>ARSL</b>	Additional road speed limit - switch in dashboard
<input type="checkbox"/> <b>TC-MAOH2</b>	Extra high performance transmission oil cooler - air to oil with front mounted radiator	<input type="checkbox"/> <b>ESP-BAS1</b>	Electronic Stability Control ESC
<input type="checkbox"/> <b>TC-MWO</b>	Basic transmission oil cooler - water to oil	<input type="checkbox"/> <b>ESPC-RO</b>	Additional ESC functions - Reduced / Off
<input type="checkbox"/> <b>2COM1100</b>	Air compressor - Two-cylinder 1100 litres per minute	<input type="checkbox"/> <b>HWSS-AC</b>	Forward collision warning with adaptive cruise control WITHOUT AEBS advanced emergency brake system
<input type="checkbox"/> <b>2COMP870</b>	Air compressor - Two-cylinder 870 litres per minute	<input type="checkbox"/> <b>HWSS-ACB</b>	Forward collision warning with adaptive cruise control and AEBS advanced emergency brake system
<input checked="" type="checkbox"/> <b>2COMP900</b>	Air compressor - Two-cylinder 900 litres per minute	<input checked="" type="checkbox"/> <b>HWSS-FCB</b>	Forward collision warning with AEBS advanced emergency brake system
<input type="checkbox"/> <b>CLU-AIRC</b>	Clutchable air compressor	<input type="checkbox"/> <b>LSS-DW</b>	Lane departure warning system
<input checked="" type="checkbox"/> <b>AIRIN-HI</b>	Air intake - Roof-mounted behind cab on the left-hand side	<input type="checkbox"/> <b>LSS-DW3</b>	Lane departure warning system with pilot assist
<input type="checkbox"/> <b>AIRIN-LO</b>	Low level air intake behind cab on left hand side	<input checked="" type="checkbox"/> <b>LCS4</b>	Side Collision Avoidance Support - passenger and driver side
<input type="checkbox"/> <b>ACL1ST-S</b>	Air filter - two-stage element	<input checked="" type="checkbox"/> <b>DAS-W</b>	Driver Alert Support system
<input checked="" type="checkbox"/> <b>24A110BL</b>	Alternator capacity - 110 amp	<input type="checkbox"/> <b>RSENS-W</b>	Rain sensing windscreen wipers
<input checked="" type="checkbox"/> <b>24A150BL</b>	Alternator capacity - 150 amp	<input checked="" type="checkbox"/> <b>CU-ECC</b>	Cab climate Unit - Electrically controlled air conditioning with sun sensor
<input type="checkbox"/> <b>24A180BL</b>	Alternator capacity - 180 amp	<input type="checkbox"/> <b>CU-ECC2</b>	Cab climate Unit - Electrically controlled air conditioning with a carbon filter, sun, mist, and air quality sensor
<input type="checkbox"/> <b>24AL110B</b>	Alternator capacity - 110 amp	<input checked="" type="checkbox"/> <b>IMMOBIL</b>	Immobiliser
<input type="checkbox"/> <b>24AL150B</b>	Alternator capacity - 150 amp	<input type="checkbox"/> <b>ALARM-E</b>	Vehicle alarm - Cab plus external sensor for body/trailer
<input type="checkbox"/> <b>CCV-C</b>	Closed crankcase engine ventilation	<input type="checkbox"/> <b>PHONE-PK</b>	Telephone preparation kit (antenna, antenna attachm. cable incl.)
<input checked="" type="checkbox"/> <b>CCV-OX</b>	Closed crankcase ventilation for cold markets	<input type="checkbox"/> <b>ISUNS-BS</b>	Side sun visor - Driver & passenger side
<input checked="" type="checkbox"/> <b>PRIM-EL</b>	Electrical priming pump	<input checked="" type="checkbox"/> <b>ISUNS-DS</b>	Side sun visor - Driver-side
<input type="checkbox"/> <b>PRIM-MAN</b>	Manual priming pump	<input type="checkbox"/> <b>ISUNF-B</b>	Interior front sun visor without mirror
<input type="checkbox"/> <b>AF-R</b>	Hot fuel recirculation heated fuel filter	<input type="checkbox"/> <b>ISUNF-MD</b>	Interior front sun visor with mirror on driver side
<input checked="" type="checkbox"/> <b>FUEFE2LW</b>	Large engine mounted dual fuel filter with water separator	<input type="checkbox"/> <b>ISUNF-RE</b>	Electrically operated textile interior sun blind
<input type="checkbox"/> <b>FUEFE2SW</b>	Small engine mounted dual fuel filter with water separator	<input checked="" type="checkbox"/> <b>ISUNF-RM</b>	Manually operated textile interior sun blind
<input type="checkbox"/> <b>EST-AID</b>	Engine starting aid -Preheating element in the air inlet manifold	<input type="checkbox"/> <b>ADFS</b>	Two extra DIN slots in front shelf - can be fitted with card or drawer available as an accessory
<input type="checkbox"/> <b>220EBH15</b>	220V/1.5Kw electric engine block heater	<input checked="" type="checkbox"/> <b>BUPALARM</b>	Reverse alarm
<input type="checkbox"/> <b>PTER-DIN</b>	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"/> <b>RTOLL-PK</b>	Road toll PREPARATION kit for trucks operating with "Toll Collect" in Germany
<input type="checkbox"/> <b>HPE-V45</b>	Parker VP1-45, variable displacement, single flow, engine mounted hydraulic pump	<input type="checkbox"/> <b>LOADIND</b>	Load indicator with central dashboard display
<input type="checkbox"/> <b>HPE-V75</b>	Parker VP1-75, variable displacement, single flow, engine mounted hydraulic pump	<input type="checkbox"/> <b>REMC-MF</b>	Multi-functio wireless remote control
<input type="checkbox"/> <b>PTR-D</b>	Gearbox PTO for plug-in pump, 0.71xeng speed	<input type="checkbox"/> <b>FIREXT3S</b>	Fire extinguisher - 3kg mounted on the seat base
<input type="checkbox"/> <b>PTR-DH</b>	Gearbox driven high speed PTO for one plug-in hydraulic pump	<input type="checkbox"/> <b>WARNVEST</b>	High visibility warning vest - No sleeves
<input type="checkbox"/> <b>PTR-DM</b>	Gearbox driven medium speed PTO for one plug-in hydraulic pump	<input type="checkbox"/> <b>AIDKIT</b>	First aid kit - Legal demand for EU markets including delivery to EU bodybuilder
<input type="checkbox"/> <b>PTR-F</b>	Gearbox driven PTO with rear flange connection	<input type="checkbox"/> <b>AIDKIT1B</b>	First aid kit - Legal demand for trucks transiting Germany
<input type="checkbox"/> <b>PTRD-D</b>	Gearbox driven HIGH SPEED PTO for two plug-in hydraulic pumps	<input type="checkbox"/> <b>WARNLAMP</b>	Portable warning lamp
<input type="checkbox"/> <b>PTRD-F</b>	PTO with 1 DIN + 1 flange connection rear, manual gearbox	<input type="checkbox"/> <b>LAMP-IN</b>	Inspection lamp
<input type="checkbox"/> <b>HPG-F101</b>	Gearbox mounted hydraulic pump - Parker F1-101 hydraulic pump gearbox mounted	<input type="checkbox"/> <b>BULBKIT</b>	Bulb and fuse kit
<input type="checkbox"/> <b>HPG-F41</b>	Gearbox mounted hydraulic pump - Parker F1-41 gearbox mounted, fixed displacement, single flow	<input type="checkbox"/> <b>WRITEPAD</b>	Writing pad
<input type="checkbox"/> <b>HPG-F51</b>	Gearbox mounted hydraulic pump - Parker F1-51 gearbox mounted, fixed displacement, single flow	<input checked="" type="checkbox"/> <b>DST-CF4</b>	Driver seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt
<input type="checkbox"/> <b>HPG-F61</b>	Gearbox mounted hydraulic pump - Parker F1-61 gearbox mounted, fixed displacement, single flow	<input type="checkbox"/> <b>DST-CF5</b>	Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls with integrated seatbelt
<input type="checkbox"/> <b>HPG-F81</b>	Gearbox mounted hydraulic pump - Parker F1-81 gearbox mounted, fixed displacement, single flow	<input type="checkbox"/> <b>DST-CF6</b>	Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar, heat and ventilation controls with integrated seatbelt
<input checked="" type="checkbox"/> <b>STWPOS-R</b>	Steering wheel position - RIGHT-HAND DRIVE	<input type="checkbox"/> <b>SBD-RED</b>	Seat belt colour - Red
<input type="checkbox"/> <b>STWM-LE</b>	Steering wheel - Leather		
<input type="checkbox"/> <b>STGW-AD2</b>	Steering wheel adjustment - Neck tilt, column height and angle		
<input checked="" type="checkbox"/> <b>STGW-ADJ</b>	Steering wheel adjustment - Column height and angle		

Standard Equipment

Optional Equipment

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<input type="checkbox"/> <b>SBPRE-DS</b>	Driver seat belt pretensioner	<input type="checkbox"/> <b>VANMIR</b>	Vanity mirror - In front shelf
<input type="checkbox"/> <b>PST-BAS1</b>	Passenger seat - Fixed non suspended fold up with seatbelt mounted on cab "B" post	<input type="checkbox"/> <b>AS-FUS</b>	Extra shelf in front compartments
<input type="checkbox"/> <b>PST-CF4</b>	Passenger seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt	<input type="checkbox"/> <b>INFOT-PK</b>	TV mounting preparation kit - Above the driver's door, includes bracket, electrical and speaker connections
<input type="checkbox"/> <b>PST-CF5</b>	Passenger seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls with integrated seatbelt	<b>CAB EXTERIOR</b>	
<input checked="" type="checkbox"/> <b>PST-STD2</b>	Passenger seat - Fixed with backrest adjustment, non suspended with seatbelt mounted on cab "B" post	<input type="checkbox"/> <b>EXTL-BA2</b>	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.
<input type="checkbox"/> <b>PST-STD4</b>	Passenger seat - Standard suspended with seatbelt mounted on cab "B" post	<input checked="" type="checkbox"/> <b>EXTL-BAS</b>	Basic exterior finish - Satin Volvo badges, grey grille, instep, bumper, bumper spoiler, grille, door handles mirror housing and sunvisor if specified.
<input type="checkbox"/> <b>SBPRE-PS</b>	Passenger seat belt pretensioner	<input checked="" type="checkbox"/> <b>DGLAS-H</b>	Door glass - Hardened
<input type="checkbox"/> <b>ARMRE-BB</b>	Armrests - Two on both driver & passenger seats	<input type="checkbox"/> <b>DGLAS-L</b>	Door glass - Laminated
<input type="checkbox"/> <b>ARMRE-DB</b>	Armrests - Two on the driver seat	<input checked="" type="checkbox"/> <b>BUMP-B</b>	Front bumper - Plastic
<input type="checkbox"/> <b>ARMRE-PB</b>	Armrests - Two on the passenger seat	<input type="checkbox"/> <b>BUMP-B2</b>	Front bumper - Steel
<input type="checkbox"/> <b>ARU-BAS</b>	Armrest upholstery - Vinyl	<input type="checkbox"/> <b>BUMP-SP</b>	Front bumper spoiler
<input type="checkbox"/> <b>ARU-LEA</b>	Armrest upholstery - Leather	<input type="checkbox"/> <b>GUARD-EH</b>	Sump and radiator guard - to protect engine and hoses
<input checked="" type="checkbox"/> <b>GRABHI-B</b>	Instep cab grab handle - Steel finish	<input checked="" type="checkbox"/> <b>BUGNET</b>	Radiator insect screen
<input checked="" type="checkbox"/> <b>FMAT-RUB</b>	Footwell floor mats - Rubber	<input type="checkbox"/> <b>CTILT-P-E</b>	Electrically operated hydraulic cab tilt
<input type="checkbox"/> <b>FMAT-TX2</b>	Footwell floor mats - Two sets, Rubber and textile with an embossed pile supplied in the cab	<input checked="" type="checkbox"/> <b>CTILT-P-M</b>	Manually operated hydraulic cab tilt
<input type="checkbox"/> <b>LBK70</b>	Lower bunk - Fixed 700 x 2000 mm	<input type="checkbox"/> <b>FCABS-A</b>	Front cab suspension - Air
<input type="checkbox"/> <b>MATL-FI</b>	Lower mattress - Firm pocket sprung	<input checked="" type="checkbox"/> <b>FCABS-M</b>	Front cab suspension - Mechanical spring
<input type="checkbox"/> <b>MATL-SF</b>	Lower mattress - Flexi-zone semi-firm, pocket springs up to 100kg - 16 stone	<input type="checkbox"/> <b>RCABS-A</b>	Rear cab suspension - Air
<input type="checkbox"/> <b>OLMAT-BA</b>	Mattress overlay protector - 35mm thick	<input checked="" type="checkbox"/> <b>RCABS-M</b>	Rear cab suspension - Mechanical spring
<input type="checkbox"/> <b>OLMAT-PR</b>	Mattress overlay protector - Premium 50mm thick	<input type="checkbox"/> <b>MIRCFPCS</b>	Mirrors - Electrically heated and operated main and wide-angle with manually adjusted passenger kerb and front mirror and position camera in nearside mirror arm
<input type="checkbox"/> <b>TBK60F</b>	Top bunk - Fixed foldable 600 x 1900mm	<input type="checkbox"/> <b>MIRCFCPX</b>	Mirrors - Electrically heated and operated FMX main and wide-angle with manually adjusted passenger kerb and front mirror and position camera in nearside mirror arm. To increase direct vision to the side the main mirrors have no cowlings
<input type="checkbox"/> <b>TBK70F</b>	Top bunk - Fixed foldable 700 x 1900mm	<input type="checkbox"/> <b>MIRCMCP</b>	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.
<input type="checkbox"/> <b>PH-CAB2</b>	Cab parking heater -1.8kW Air to air	<input type="checkbox"/> <b>MIRCMS</b>	Camera monitoring and mirrors - Electrically heated and operated main and wide-angle rear view cameras with manually adjusted passenger kerb and front mirror
<input type="checkbox"/> <b>PH-ENGCA</b>	Cab parking heater - Engine and cab	<input checked="" type="checkbox"/> <b>MIRCOMF</b>	Mirrors - Electrically heated and operated main and wide angle and manually adjusted passenger kerb and front mirror
<input type="checkbox"/> <b>PH-SS</b>	Cab parking heater - Short stop	<input type="checkbox"/> <b>MIRCOMFX</b>	Mirrors - Electrically heated and operated FMX main and wide angle and manually adjusted passenger kerb and front mirror. To increase direct vision to the side the main mirrors have no cowlings
<input type="checkbox"/> <b>SLCP-BAS</b>	Sleeper control panel - Basic with switches for interior light, night heater, roof hatch and door lock	<input checked="" type="checkbox"/> <b>AMIR-F20</b>	Auxiliary front view mirror with a 200mm radius
<input type="checkbox"/> <b>ETSB-F</b>	Storage on engine tunnel - Central document box with two rear cup holders	<input type="checkbox"/> <b>SUNV-H</b>	External smoke grey sunvisor
<input type="checkbox"/> <b>ETSB-FR</b>	Storage on engine tunnel - Central document box with two rear cup holders & open storage pocket on cab rear wall	<input type="checkbox"/> <b>AD-ROOF</b>	Cab roof deflector - Adjustable
<input type="checkbox"/> <b>ETSB-R</b>	Storage on engine tunnel - Open storage pocket on cab rear wall	<input type="checkbox"/> <b>AD-SIDES</b>	Cab side deflector - Short extension panels
<input type="checkbox"/> <b>RUS-BAS</b>	Rear cab upper storage - 300 mm high	<input checked="" type="checkbox"/> <b>HL-LED</b>	Headlights - LED
<input type="checkbox"/> <b>RUS-HIG</b>	Rear cab upper storage - 440 mm high - volume 245 litres	<input checked="" type="checkbox"/> <b>HL-CLEAN</b>	Headlight cleaner - Washer jets
<input type="checkbox"/> <b>REF-ICPK</b>	Fridge - Engine tunnel mounted preparation kit	<input type="checkbox"/> <b>HLP-ST</b>	Headlight protection
<input type="checkbox"/> <b>REFR-RUS</b>	Fridge - 28 litre rear upper wall mounted with dividers	<input type="checkbox"/> <b>DRIVL2</b>	Two spot lamps
<input type="checkbox"/> <b>MICRO-PK</b>	Microwave equipment - Wiring preparation kit for oven	<input checked="" type="checkbox"/> <b>UDRIVL</b>	Auxiliary driving lights - Without
<input type="checkbox"/> <b>BOTH-D</b>	Bottle holder - One under dashboard centre section	<input type="checkbox"/> <b>FOGL-WC</b>	Front fog lights
<input type="checkbox"/> <b>COFMA-PK</b>	Coffee maker - Preparation kit.	<input type="checkbox"/> <b>CL-STAT</b>	Static corner lights
<input checked="" type="checkbox"/> <b>INLI-BAS</b>	Interior light - White LEDs	<input type="checkbox"/> <b>ASL-RF2</b>	Integrated roof spotlights - Two LED aerodynamic spot lights in Globetrotter sign box
<input type="checkbox"/> <b>INLI-NL</b>	Interior light - White and red nightlight LEDs without dimmer	<input type="checkbox"/> <b>BEACOA2F</b>	Roof beacons - Two front roof mounted amber LED
<input type="checkbox"/> <b>INLI-NLD</b>	Interior light - White and red nightlight LEDs with dimmer	<input type="checkbox"/> <b>BEACOA2R</b>	Roof beacons - Two rear roof mounted amber LED
<input type="checkbox"/> <b>ARL-FLEX</b>	Flexible reading lamps - Two "snake" type	<input type="checkbox"/> <b>BEACON-P</b>	Roof beacons - switch and wiring preparation only
<input checked="" type="checkbox"/> <b>RH-EE</b>	Fixed tinted glass sky window with emergency exit		
<input type="checkbox"/> <b>RH-ER</b>	Steel roof hatch - Electrically operated, rear opening with emergency exit		
<input type="checkbox"/> <b>RH-ETR</b>	Tinted glass roof hatch - Electrically operated, rear opening with emergency exit		
<input type="checkbox"/> <b>RH-MTR</b>	Tinted glass roof hatch - Manually operated, rear opening with emergency exit		
<input checked="" type="checkbox"/> <b>GLAS-TIN</b>	Cab windows - Tinted		
<input type="checkbox"/> <b>SWIND-BS</b>	Cab side window - On both sides behind 'B' post		
<input type="checkbox"/> <b>SWIND-PS</b>	Cab side window - Left side behind 'B' post		
<input type="checkbox"/> <b>AWIND-RF</b>	Rear window		

Standard Equipment       Optional Equipment

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# MODEL RANGE

## FM 13 10x4 Rigid - Tag Tridem - N3 – contact sales engineering reference

<ul style="list-style-type: none"> <li><input type="checkbox"/> <b>BEACONA4</b> Roof beacons - Four amber LED - two front/ two rear</li> <li><input type="checkbox"/> <b>CABPT-R1</b> Single outlet for roof mounted accessories</li> <li><input checked="" type="checkbox"/> <b>CABPT-R2</b> Twin outlets for roof mounted accessories.</li> <li><input type="checkbox"/> <b>SPOTP-F</b> Spotlamp preparation in front, max 280W</li> <li><input type="checkbox"/> <b>SPOTP-R</b> Spotlamp preparation on roof, max 280W</li> <li><input type="checkbox"/> <b>SPOTP-RF</b> Spotlamp preparation on cab roof and in cab front, max 2x280W</li> <li><input type="checkbox"/> <b>ROS-IL2</b> Preparation kit for illuminated roof sign with switch loose in cab, fit after registration</li> <li><input type="checkbox"/> <b>ROS-ILP</b> Roof sign illumination preparation kit</li> <li><input type="checkbox"/> <b>CSGN-GTR</b> Cab sign logo - FH "Globetrotter" or FH16 "Power"</li> <li><input checked="" type="checkbox"/> <b>HORN-F1S</b> Horn - Air single tone - chassis mounted</li> <li><input type="checkbox"/> <b>HORN-R2S</b> Horn - Air - Two roof-mounted</li> <li><input type="checkbox"/> <b>ANT-CBR</b> Roof mounted antenna for CB radio, single aerial. Only Globetrotter cabs brings in extra DIN slots.</li> <li><input type="checkbox"/> <b>ACCBR-AP</b> Front, middle &amp; rear roof mounted accessory brackets</li> <li><input type="checkbox"/> <b>ACCBR-F</b> Front roof mounted accessory bracket</li> <li><input type="checkbox"/> <b>ACCBR-FM</b> Front &amp; middle roof mounted accessory brackets</li> <li><input type="checkbox"/> <b>ACCBR-FR</b> Front &amp; rear roof mounted accessory brackets</li> <li><input type="checkbox"/> <b>ACCBR-M</b> Middle roof mounted accessory bracket</li> <li><input type="checkbox"/> <b>ACCBR-R</b> Rear roof mounted accessory bracket</li> <li><input type="checkbox"/> <b>ACCBR-RM</b> Rear &amp; middle roof mounted accessory brackets</li> <li><input type="checkbox"/> <b>REFS-TW</b> White cab conspicuity markings by packed in cab</li> <li><input type="checkbox"/> <b>REFS-TY</b> Yellow cab conspicuity markings by packed in cab</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> <b>HBA-SB</b> Holes for body attachments - stiff body</li> <li><input type="checkbox"/> <b>RBA-T2</b> Lower rear body attachments for helper frame</li> <li><input type="checkbox"/> <b>CRANEPK1</b> Crane plates mounted to frame, for cranes up to 10 tonne metre capacity</li> <li><input type="checkbox"/> <b>CRANEPK2</b> Crane plates mounted to frame, for cranes up to 20 tonne metre capacity</li> <li><input type="checkbox"/> <b>CRANEPK4</b> Crane plates mounted to frame, for cranes up to 40 tonne metre capacity</li> <li><input type="checkbox"/> <b>AUXL-SPK</b> Electrical preparation kit - wiring and switch for snow plough lights</li> <li><input type="checkbox"/> <b>TAILPRE2</b> Tail lift preparation kit, wireless remote operation</li> <li><input type="checkbox"/> <b>TAILPREP</b> Taillift preparation kit - cab switch and warning in driver display</li> <li><input type="checkbox"/> <b>AESW2</b> Two Body builder bistable electrical switches (marked AUX1 / AUX2)</li> <li><input type="checkbox"/> <b>AESW2PK</b> 2 Body builder bistable el. switches (marked AUX1/AUX2) and prep. for 4 more switches</li> <li><input type="checkbox"/> <b>AUXSW-4</b> Wiring for 4 extra switches (from Body builder electrical centre to switch positions)</li> </ul>
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### 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

### 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** Working lamp back of cab - Two amber LED high mounted
- 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-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

Standard Equipment       Optional Equipment

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Volvo Trucks. Driving Progress