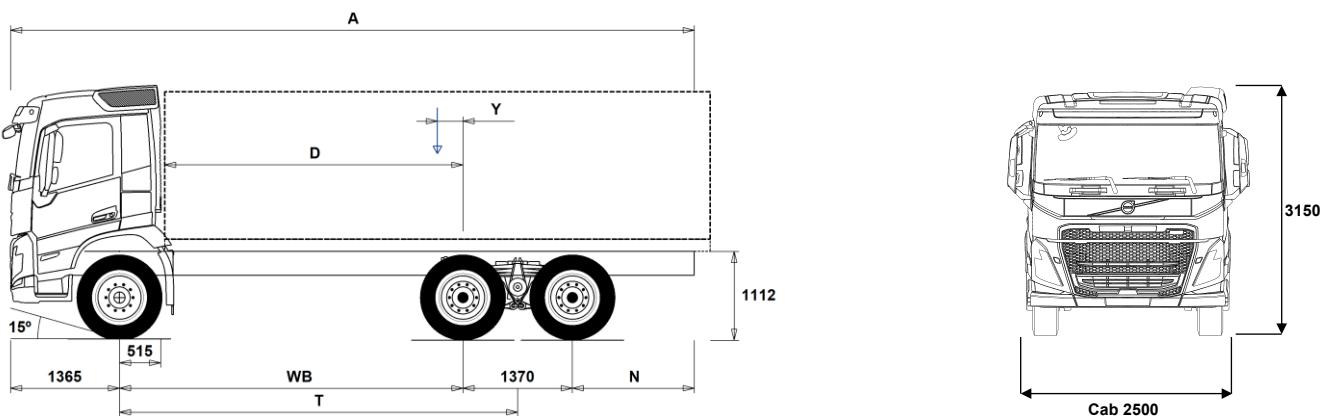


MODEL RANGE

FM 13 6x4 Rigid - B/T Ride - N3 or N3G FM 64R 3L



Chassis Dimensions [mm]

WB Wheelbase	3400	3700	3900	4300	4600	4900	5200	5600
A Overall Chassis Length	8010	8460	8760	9410	10560	10310	10810	11410
D Center of rear axle to front of body	2835	3135	3335	3735	4035	4335	4635	5035
N Rear Overhang (Min.)	825	825	825	825	825	825	1225	1225
N Rear Overhang (Max.)	1875	2025	2125	2375	3225	2675	2875	3075
T Theoretical Wheelbase	4085	4385	4585	4985	5285	5585	5885	6285
Y Center of Gravity for Payload (Min.)	-146	-108	-83	-34	12	38	75	121
Y Center of Gravity for Payload (Max.)	82	137	173	246	310	353	408	477

Chassis Weights [kg]

Front Axle	4630	4640	4650	4670	4660	4705	4710	4735
Rear Bogie	3430	3450	3460	3515	3615	3565	3590	3625
Kerb Weight	8060	8090	8110	8185	8275	8270	8300	8360
Payload (including body, driver, fuel, etc.)	17940	17910	17890	17815	17725	17730	17700	17640

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	14500	15500	16100	17300	18200	19100	20000	21300
Turning Circle Diameter Wall to Wall	15900	16900	17500	18700	19600	20500	21500	22700

Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	26000	29000
Gross Combination Weight	26230	44000
Front Axle	8000	8000
Rear Bogie	19000	21000

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.

Weight and dimensions are based upon the following tyres:

Front Axle Tyres: 315/80R22.5
Drive Axle Tyres: 315/80R22.5

**Chassis weight includes oil, water, AdBlue, 0 litres fuel and without driver.
Kerb weight can vary ± 3%.**

Turning diameters are theoretically calculated.

Legal weights can differ from country to country.

For more detailed weight information, including optional equipment weights, ask your Volvo sales contact to enter your specification into the Volvo Weight Information system (WIS).

Do NOT use this drawing for bodybuilding. Refer to Volvo Bodybuilder Instructions and chassis assembly drawing FM64R3L.

MODEL RANGE

FM 13 6x4 Rigid - B/T Ride - N3 or N3G FM 64R 3L

TRUCK USE

- RC-ROUGH** Road conditions - On / off-road
 - RC-VROUG** Road conditions - Very rough
 - 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-XHIGH** Chassis height - X-High - for loading heights check the unique BEP chassis drawing attached to this quote
 - RADD-BR** Rear suspension - B-ride rear three spring bogie
 - RADD-TR1** T-ride 1 rear two spring bogie suspension, 75mm wide springs
 - RADD-TR2** T-ride 3 rear two spring bogie suspension, reinforced
 - RADD-TR3** RADD-TR3 - T ride 3
 - CDCOPREP**
 - FM-CREW**
 - FM-DAY6** Cab - Four-door crew for up to 9 people
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-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-ULC** Ultra low crawler and crawler gear -
Ratios direct top gearbox 32:1 and 19:1

■ Standard Equipment

□ Optional Equipment

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

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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.
 - RTH3210F** Drive axles - RTH3210F 32-tonne hub reduction tandem with differential and cross locks* - design GCW 100 tonne
* Cross locks replaced by a dog clutch if tandem axle lift is specified.
 - RTH3212F** Drive axles - RTH3212F 32-tonne hub reduction tandem with differential and cross locks* - design GCW 120 tonne, 4 planetary gears
* Cross locks replaced by a dog clutch if tandem axle lift is specified.
 - RTH3312** Drive axles - RTH3312 33-tonne hub reduction tandem with differential and cross locks* - design GCW 120tonne
* Cross locks replaced by a dog clutch if tandem axle lift is specified.
 - RTH3815** Drive axles - RTH3815 38-tonne hub reduction tandem with differential and cross locks - design GCW 150 tonne
 - 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
 - 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
 - CHASPAC** Chassis Package Rigid
-
- ## CHASSIS
- FST-PAR** Front suspension type - 2 leaf parabolic springs
 - FST-PAR3** Front suspension type - 3 leaf parabolic springs
 - FAL10.0** Front axle design capacity - 10 tonne - check tyre capacity
 - FAL8.0** Front axle design capacity - 8.0 tonne - check tyre capacity
 - FAL8.5** Front axle design capacity - 8.5 tonnes
 - 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
 - RAL21** Rear bogie design capacity - 21 tonne
 - RAL23** Rear bogie design capacity - 23 tonne
 - RAL26** Rear bogie design capacity - 26 tonne
 - RAL32** Rear bogie design capacity - 32 tonne
 - RAL38** Rear Bogie Design Capacity - 38 tonne
 - RSTAB1** Rear anti-roll bar - Normal stiffness
 - RSAP2** Rear suspension application - Heavy duty with reinforcements
 - 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

MODEL RANGE

FM 13 6x4 Rigid - B/T Ride - N3 or N3G FM 64R 3L

<input type="checkbox"/> ASFE-PS	Active steering feature - Volvo Dynamic Steering - VDS - with personal settings	<input type="checkbox"/> WHC-FOL2	Two foldable wheel chocks
PSP-FIX	Power steering pump - Fixed displacement	<input type="checkbox"/> WHCP-F	Wheel chock carrier position - In the front part of the vehicle
<input type="checkbox"/> PSP-VAR	Power steering pump - Variable displacement	<input type="checkbox"/> WHCP-M	Wheel chock carrier position - Middle part of the vehicle
<input type="checkbox"/> PSP-VAR2	Power steering pump - Variable displacement with electronic control	<input type="checkbox"/> WHCP-R	Wheel chock carrier position - In the rear part of the vehicle
EBS-MED	Brake package - EBS medium including "hill" hold function	<input type="checkbox"/> WHCP-T	Wheel chock carrier position - Outer luggage locker
<input type="checkbox"/> AUXPARK	Auxiliary parking brake - Additional spring brakes	<input type="checkbox"/> TB-L80	Toolbox 800 mm, left side
<input type="checkbox"/> RST-MUL	Rear suspension type - Multi-leaf spring	<input type="checkbox"/> TB-R80	Toolbox 800 mm, right side
RST-PAR1	Rear suspension type - Parabolic springs	<input type="checkbox"/> SUP-BAS	Side guards - Check with bodybuilder chassis space requirements
<input type="checkbox"/> RST-PAR5	Rear suspension type - Progressive parabolic springs	<input type="checkbox"/> SUP-LOW	EC approved low chassis side guards
<input type="checkbox"/> FST7070	Chassis frame thickness - 7 mm web and flange	<input type="checkbox"/> CHAIN-S	Snow chains
FST8080	Chassis frame thickness - 8 mm web and flange	<input type="checkbox"/> HOOK-SC	Snow chain hooks
<input type="checkbox"/> FIL-EEEB	Chassis frame inner liner - From the end of the engine to the end of the bogie	TOWF-NO1	Front towing device - One detachable - stored in cab
<input type="checkbox"/> FIL-EEEF	Chassis frame inner liner - From the end of the engine to end of the frame	TOWF-NO2	Front towing device - Two detachable - stored in cab
<input type="checkbox"/> FIL-FBEB	Chassis frame inner liner - Over the rear bogie	<input type="checkbox"/> TOWMBRH	Towing member, high mounted in centre of frame, D = 190
<input type="checkbox"/> FIL-FBEF	Chassis frame inner liner - From the front of bogie to the end of the frame	<input type="checkbox"/> TOWMBRL1	Towing member, low mounted under the frame
<input type="checkbox"/> FIL-TXEB	Chassis frame inner liner - From gearbox member to the end of the bogie	<input type="checkbox"/> TOWMBRM	Towing member, medium mounted in line with frame lower flange
<input type="checkbox"/> FIL-TXEF	Chassis frame inner liner - From gearbox member to the end of the frame	<input type="checkbox"/> RFEC-L	Rear frame profile - Lower flange cut for centre axle drawbar
BBOX-L	Battery box position - Left hand side	RFEC-S	Rear frame profile - Straight cut
<input type="checkbox"/> BATS-D	Dual energy battery system - 2 living batteries and 2 starter batteries.	RFEC-U	Rear frame profile - Slight upercut for tippers
BATS-S	Single energy battery system (2 batteries)	<input type="checkbox"/> C-RI4040	Towing coupling, Ringfeder 4040A
<input type="checkbox"/> 2BAT210B	Battery Capacity - 2 x 210 Ah - Gel type	<input type="checkbox"/> C-RI5050	Towing coupling, Ringfeder 5050A
2BAT210C	Battery Capacity - 2 x 210 Ah - AGM Absorbent Glass-fibre Material type	<input type="checkbox"/> C-RO400G	Towing coupling, Rockinger 400 G-150 for 40mm eyes
BATTAMP	Battery management - Voltage and current gauge	<input type="checkbox"/> C-RO50	Rockinger RO 50 50mm for centre axle trailer
<input type="checkbox"/> BATTIND	Battery management - Voltage, current and charge indicators	<input type="checkbox"/> C-VBG795	VBG 795V-3 coupling (centre axle trailer)
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"/> TOWR-ONE	Towing hitch attached to rear crossmember
<input type="checkbox"/> MSWI-A	Battery master switch - ADR switch circuit shut down	TREL-PK	Trailer electrical preparation kit - chassis/cab wiring
MSWI-R	Battery master switch - Key fob operated remote controlled	<input type="checkbox"/> TREL14	Single 14 pole electrical trailer connector
R365A71	Right fuel tank - 365 litre aluminium diameter 710mm Min volume 255l Max volume 885l	<input type="checkbox"/> TREL15	Trailer electrical connection - Single 15 pin - ADR certified
UL-FUEL	Left fuel tank - Without Min volume 160l Max volume 730l	<input type="checkbox"/> TREL7	7 pole - 24N trailer electrical suzie
<input type="checkbox"/> ADTP-L	Adblue tank position - Chassis mounted on the left-hand side	<input type="checkbox"/> TREL7-7	Trailer electrical connection - 2 x 7 pin - 24N and 24S
ADTP-R	Adblue tank position - Chassis mounted on the right-hand side	<input type="checkbox"/> TBC-DUO	Trailer brake connections - Duomatic type
ADB048	Plastic AdBlue tank - 48 litre	<input type="checkbox"/> TBC-EC	Trailer brake connections - EC palm coupling connectors
ADB064	Plastic AdBlue tank - 64 litre	<input type="checkbox"/> TRBR-STA	Stationary trailer brake control
<input type="checkbox"/> ADB068	Plastic AdBlue tank - 68 litre	<input type="checkbox"/> TRB-STRE	Stretch Brake - Automatic low speed trailer brake activation to avoid jack-knifing and improve steerability
<input type="checkbox"/> ADB083	Plastic AdBlue tank - 83 litre	<input type="checkbox"/> RUP-FOLD	Rear underrun protection - Aluminium folding EC approved
<input type="checkbox"/> ADB090	Plastic AdBlue tank - 90 litre	<input type="checkbox"/> RFEND-B	Rear mud wings - Three piece EC approved and spray flaps
<input type="checkbox"/> ADB112	Plastic AdBlue tank - 112 litre	<input type="checkbox"/> RFEND-T	Rear mud wings - Temporary on drive axle for transport delivery only
FCAP-L	Diesel and AdBlue filler cap - Locking	<input type="checkbox"/> RFH-BAS	Basic rear wing height
FUFF-AS	Fuel filler - Anti-spill device	<input type="checkbox"/> RFH-HIG	High rear wing height - higher wing tops
<input type="checkbox"/> FUFF-ATS	Fuel filler - Anti-spill & anti-syphon device	<input type="checkbox"/> RFH-LOW	Lower rear wing height - shallower wing tops
<input type="checkbox"/> ESH-LEFT	Exhaust - Horizontal silencer - left outlet	<input type="checkbox"/> ATANK-AL	Air tanks - Aluminium
ESH-REAR	Exhaust - Horizontal silencer - rear outlet	ATANK-ST	Air tanks - Steel
<input type="checkbox"/> ESH-RIGH	Exhaust - Horizontal silencer - right outlet	<input type="checkbox"/> REST-RUP	
<input type="checkbox"/> ESH-VERT	Exhaust - Horizontal silencer - vertical outlet	TL-LED	Rear lights - LED
<input type="checkbox"/> EXST-SSP	Stainless steel exhaust stack - NOT polished	BLIGHT-E	Emergency brake light
EXST-ST	Steel exhaust stack		
HS-NAR	Narrow heat shield		
WHC-FIX2	Wheel chocks - Two fixed design		
WHEELS & TYRES			
<input type="checkbox"/> RT-AL	Wheels - Howmet Alcoa brushed aluminium rims - standard holes for long stud fixing	<input type="checkbox"/> RT-ALDP	Wheels - Howmet Alcoa Dura-Bright aluminium rims - standard holes for long stud fixing
<input type="checkbox"/> RT-ALDP	Wheels - Howmet Alcoa Dura-Bright aluminium rims - standard holes for long stud fixing	<input type="checkbox"/> RT-ALDPP	Wheels - Howmet Alcoa Dura-Bright EVO aluminium rims - countersunk holes for short stud fixing
<input type="checkbox"/> RT-ALDU	Wheels - Howmet Alcoa brushed aluminium rims - countersunk holes for short stud fixing	<input type="checkbox"/> RT-STEEL	Wheels - Steel rims
<input type="checkbox"/> WCAP	Aerodynamic hub caps	<input type="checkbox"/> SPWT-D	Spare wheel & tyre with rear tyre pattern

■ Standard Equipment

□ Optional Equipment

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MODEL RANGE

FM 13 6x4 Rigid - B/T Ride - N3 or N3G FM 64R 3L

<input type="checkbox"/> SPWT-F	Spare wheel & tyre with front tyre pattern	<input type="checkbox"/> PTER-DIN	Engine power-take-off - Rear-mounted with DIN5462 (female) splined shaft for a close-coupled pump
<input type="checkbox"/> SWCP-LF	Spare wheel carrier on left side of chassis ahead of rear axle		Models with 3 steering axles will use this to drive the steering pump (AUXPSP)
<input type="checkbox"/> SWCP-R	Rear mounted spare wheel carrier	<input type="checkbox"/> PTER1400	Engine power-take-off - Rear-mounted with SAE 1410 flange
<input type="checkbox"/> SWCP-T	Spare wheel supplied temporarily strapped to chassis	<input type="checkbox"/> HPE-F101	Parker F1-101, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
<input type="checkbox"/> SWCP-TP	Temporary spare wheel carrier on top of chassis frame	<input type="checkbox"/> HPE-F41	Parker F1-41, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
<input type="checkbox"/> JACK-12T	12 tonne bottle jack	<input type="checkbox"/> HPE-F51	Parker F1-51, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
<input type="checkbox"/> JACK-15T	15 tonne bottle jack	<input type="checkbox"/> HPE-F61	Parker F1-61, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
<input type="checkbox"/> JACK-20T	20 tonne bottle jack	<input type="checkbox"/> HPE-F81	Parker F1-81, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump
<input checked="" type="checkbox"/> TOOL-BAS	Toolkit - Basic	<input type="checkbox"/> HPE-T53	Parker F2-53/53, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump
<input type="checkbox"/> TOOLKIT	Toolkit - Complete	<input type="checkbox"/> HPE-T70	Parker F2-70/35, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump
<input type="checkbox"/> INFLAHOS	Tyre inflation hose	<input type="checkbox"/> HPE-V45	Parker VP1-45, variable displacement, single flow, engine mounted hydraulic pump
<input type="checkbox"/> GAUGE-TP	Tyre pressure gauge	<input type="checkbox"/> HPE-V75	Parker VP1-75, variable displacement, single flow, engine mounted hydraulic pump
DRIVELINE EQUIPMENT			
<input type="checkbox"/> TRAP-HD	Reinforced gearbox application	<input type="checkbox"/> PTPT-D	Powertronic PTO, 1 front/upper DIN connection for plug-in pump (max. 850 Nm)
<input checked="" type="checkbox"/> DRM-BE	Drive mode - Balanced & Economy	<input type="checkbox"/> PTPT-F	Powertronic PTO, 1 front/upper rear facing SAE flange conn. for prop shaft (max. 850 Nm)
<input type="checkbox"/> DRM-E	Drive mode - Economy	<input type="checkbox"/> PTR-D	Gearbox PTO for plug-in pump, 0.71xeng speed
<input type="checkbox"/> PVT-MAP	I-See Predictive Cruise Control - using map-based topography information	<input type="checkbox"/> PTR-DH	Gearbox driven high speed PTO for one plug-in hydraulic pump
<input checked="" type="checkbox"/> PVT-MTM	I-See Predictive Cruise Control - using map-based topography information with lower operating settings	<input type="checkbox"/> PTR-DM	Gearbox driven medium speed PTO for one plug-in hydraulic pump
<input checked="" type="checkbox"/> CRUIS-E	Cruise control - with I-roll and I-cruise, controls in steering wheel	<input type="checkbox"/> PTR-F	Gearbox driven PTO with rear flange connection
<input type="checkbox"/> CRUIS-E5	Eco torque software - Improved economy mode. Fuel economy optimized cruise control for I-Save	<input type="checkbox"/> PTR-FH	Gearbox driven high speed PTO with SAE drive flange
<input type="checkbox"/> AMSO-AUT	Enhanced I-shift software with manual shift available in auto mode and kickdown facility on accelerator pedal	<input type="checkbox"/> PTR-FL	Gearbox driven low speed PTO with SAE drive flange
<input type="checkbox"/> AVO-ENH	I-Shift application software - Construction and off road applications	<input type="checkbox"/> PTRD-D	Gearbox driven HIGH SPEED PTO for two plug-in hydraulic pumps
<input type="checkbox"/> APF-ENH	I-shift enhanced PTO functions	<input type="checkbox"/> PTRD-D1	PTRD-D1 Gearbox driven HIGH SPEED PTO (1 SAE flange & 1 plug-in hydraulic pump)
<input type="checkbox"/> RET-TH	Gearbox mounted retarder	<input type="checkbox"/> PTRD-D2	Gearbox driven HIGH SPEED PTO (2 SAE flanges & 1 plug-in hyd pump)
<input type="checkbox"/> RET-TPT	Hydraulic Retarder for Powertronic gearbox	<input type="checkbox"/> PTRD-F	PTO with 1 DIN + 1 flange connection rear, manual gearbox
<input type="checkbox"/> TC-HWO	Transmission oil cooler - water to oil	<input type="checkbox"/> HPG-F101	Gearbox mounted hydraulic pump - Parker F1-101 hydraulic pump gearbox mounted
<input type="checkbox"/> TC-MAOH2	Extra high performance transmission oil cooler - air to oil with front mounted radiator	<input type="checkbox"/> HPG-F41	Gearbox mounted hydraulic pump - Parker F1-41 gearbox mounted, fixed displacement, single flow
<input type="checkbox"/> TC-MWO	Basic transmission oil cooler - water to oil	<input type="checkbox"/> HPG-F51	Gearbox mounted hydraulic pump - Parker F1-51 gearbox mounted, fixed displacement, single flow
<input type="checkbox"/> 1COMP530	Air compressor - One-cylinder 530 litres per minute	<input type="checkbox"/> HPG-F61	Gearbox mounted hydraulic pump - Parker F1-61 gearbox mounted, fixed displacement, single flow
<input type="checkbox"/> 2COM1100	Air compressor - Two-cylinder 1100 litres per minute	<input type="checkbox"/> HPG-F81	Gearbox mounted hydraulic pump - Parker F1-81 gearbox mounted, fixed displacement, single flow
<input checked="" type="checkbox"/> 2COMP870	Air compressor - Two-cylinder 870 litres per minute	<input type="checkbox"/> STWPOS-R	Steering wheel position - RIGHT-HAND DRIVE
<input type="checkbox"/> 2COMP900	Air compressor - Two-cylinder 900 litres per minute	<input type="checkbox"/> STWM-LE	Steering wheel - Leather
<input type="checkbox"/> CLU-AIRC	Clutchable air compressor	<input type="checkbox"/> STGW-AD2	Steering wheel adjustment - Neck tilt, column height and angle
<input checked="" type="checkbox"/> AIRIN-HI	Air intake - Roof-mounted behind cab on the left-hand side	<input checked="" type="checkbox"/> STGW-ADJ	Steering wheel adjustment - Column height and angle
<input type="checkbox"/> AIRIN-LO	Low level air intake behind cab on left hand side	<input checked="" type="checkbox"/> AIRBAG	Driver air bag
<input type="checkbox"/> ACL1ST-S	Air filter - two-stage element	<input type="checkbox"/> DRC-AMII	DPF Regeneration control switch - for manual and switching off regeneration
<input checked="" type="checkbox"/> 24A110BL	Alternator capacity - 110 amp	<input type="checkbox"/> 1DAYDIG4	Smart tachograph - Continental VDO 4.1 version 2 - legal demand from 21/08/2023
<input type="checkbox"/> 24A150BL	Alternator capacity - 150 amp	<input type="checkbox"/> ARSL	Additional road speed limit - switch in dashboard
<input type="checkbox"/> 24AL110B	Alternator capacity - 110 amp	<input type="checkbox"/> SPEED-DU	Dual speed limiter
<input type="checkbox"/> 24AL150B	Alternator capacity - 150 amp	<input type="checkbox"/> ESP-BAS1	Electronic Stability Control ESC
<input type="checkbox"/> CCV-C	Closed crankcase engine ventilation	<input type="checkbox"/> ESPC-RO	Additional ESC functions - Reduced / Off
<input checked="" type="checkbox"/> CCV-OX	Closed crankcase ventilation for cold markets	<input type="checkbox"/> HWSS-AC	Forward collision warning with adaptive cruise control WITHOUT AEBS advanced emergency brake system
<input checked="" type="checkbox"/> PRIM-EL	Electrical priming pump		
<input type="checkbox"/> PRIM-MAN	Manual priming pump		
<input type="checkbox"/> FUEQ-EH	Fuel line electric heater		
<input type="checkbox"/> AF-R	Hot fuel recirculation heated fuel filter		
<input type="checkbox"/> FUEFE2LW	Large engine mounted dual fuel filter with water separator		
<input type="checkbox"/> FUEFE2SW	Small engine mounted dual fuel filter with water separator		
<input type="checkbox"/> EST-AID	Engine starting aid -Preheating element in the air inlet manifold		
<input type="checkbox"/> 220EBH15	220V/1.5kW electric engine block heater		
<input type="checkbox"/> PTER-100	Engine power-take-off - Rear-mounted with DIN100/ISO7646 flange		

■ Standard Equipment

□ Optional Equipment

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MODEL RANGE

FM 13 6x4 Rigid - B/T Ride - N3 or N3G FM 64R 3L

<input type="checkbox"/> HWSS-ACB	Forward collision warning with adaptive cruise control and AEBS advanced emergency brake system	<input type="checkbox"/> ARMRE-PB	Armrests - Two on the passenger seat
<input checked="" type="checkbox"/> HWSS-FCB	Forward collision warning with AEBS advanced emergency brake system	<input type="checkbox"/> ARU-BAS	Armrest upholstery - Vinyl
<input type="checkbox"/> LSS-DW	Lane departure warning system	<input type="checkbox"/> ARU-LEA	Armrest upholstery - Leather
<input type="checkbox"/> LSS-DW3	Lane departure warning system with pilot assist	<input type="checkbox"/> FMAT-RUB	Footwell floor mats - Rubber
<input type="checkbox"/> LCS4	Side Collision Avoidance Support - passenger and driver side	<input type="checkbox"/> FMAT-TX2	Footwell floor mats - Two sets, Rubber and textile with an embossed pile supplied in the cab
<input type="checkbox"/> DAS-W	Driver Alert Support system	<input type="checkbox"/> LBK70	Lower bunk - Fixed 700 x 2000 mm
<input type="checkbox"/> RSENS-W	Rain sensing wipers	<input type="checkbox"/> MATL-FI	Lower mattress - Firm pocket sprung
<input type="checkbox"/> CU-ECC	Cab climate Unit - Electrically controlled air conditioning with sun sensor	<input type="checkbox"/> MATL-SF	Lower mattress - Flexi-zone semi-firm, pocket springs up to 100kg - 16 stone
<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"/> OLMAT-BA	Mattress overlay protector - 35mm thick
<input type="checkbox"/> IMMOBIL	Immobiliser	<input type="checkbox"/> OLMAT-PR	Mattress overlay protector - Premium 50mm thick
<input type="checkbox"/> ALARM-E	Vehicle alarm - Cab plus external sensor for body/trailer	<input type="checkbox"/> TKB60F	Top bunk - Fixed foldable 600 x 1900mm
<input type="checkbox"/> PHONE-PK	Telephone preparation kit (antenna, antenna attachm. cable incl.)	<input type="checkbox"/> TKB70F	Top bunk - Fixed foldable 700 x 1900mm
<input type="checkbox"/> ISUNS-BS	Side sun visor - Driver & passenger side	<input type="checkbox"/> PH-CAB2	Cab parking heater - 1.8kW Air to air
<input checked="" type="checkbox"/> ISUNS-DS	Side sun visor - Driver-side	<input type="checkbox"/> PH-ENGCA	Cab parking heater - Engine and cab
<input type="checkbox"/> ISUNF-B	Interior front sun visor without mirror	<input type="checkbox"/> PH-SS	Cab parking heater - Short stop
<input type="checkbox"/> ISUNF-MD	Interior front sun visor with mirror on driver side	<input type="checkbox"/> SLCP-BAS	Sleeper control panel - Basic with switches for interior light, night heater, roof hatch and door lock
<input type="checkbox"/> ISUNF-RE	Electrically operated textile interior sun blind	<input type="checkbox"/> ETSB-F	Storage on engine tunnel - Central document box with two rear cup holders
<input checked="" type="checkbox"/> ISUNF-RM	Manually operated textile interior sun blind	<input type="checkbox"/> ETSB-FR	Storage on engine tunnel - Central document box with two rear cup holders & open storage pocket on cab rear wall
<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"/> ETSB-R	Storage on engine tunnel - Open storage pocket on cab rear wall
<input checked="" type="checkbox"/> BUPALAR	Reverse alarm	<input type="checkbox"/> RUS-BAS	Rear cab upper storage - 300 mm high
<input type="checkbox"/> RTOLL-PK	Road toll PREPARATION kit for trucks operating with "Toll Collect" in Germany	<input type="checkbox"/> RUS-HIG	Rear cab upper storage - 440 mm high - volume 245 litres
<input type="checkbox"/> REMC-MF	Multi-functio wireless remote control	<input type="checkbox"/> REF-ICPK	Fridge - Engine tunnel mounted preparation kit
<input type="checkbox"/> FIREXT3S	Fire extinguisher - 3kg mounted on the seat base	<input type="checkbox"/> REFR-RUS	Fridge - 28 litre rear upper wall mounted with dividers
<input type="checkbox"/> WARNVEST	High visibility warning vest - No sleeves	<input type="checkbox"/> MICRO-PK	Microwave equipment - Wiring preparation kit for oven
<input type="checkbox"/> AIDKIT	First aid kit - Legal demand for EU markets including delivery to EU bodybuilder	<input type="checkbox"/> BOTH-D	Bottle holder - One under dashboard centre section
<input type="checkbox"/> AIDKIT1B	First aid kit - Legal demand for trucks transiting Germany	<input type="checkbox"/> COFMA-PK	Coffee maker - Preparation kit.
<input type="checkbox"/> WARNLAMP	Portable warning lamp	<input type="checkbox"/> INLI-BAS	Interior light - White LEDs
<input type="checkbox"/> LAMP-IN	Inspection lamp	<input type="checkbox"/> INLI-NL	Interior light - White and red nightlight LEDs without dimmer
<input type="checkbox"/> BULBKIT	Bulb and fuse kit	<input type="checkbox"/> INLI-NLD	Interior light - White and red nightlight LEDs with dimmer
<input type="checkbox"/> WRITEPAD	Writing pad	<input type="checkbox"/> ARL-FLEX	Flexible reading lamps - Two "snake" type
<input checked="" type="checkbox"/> DST-CF4	Driver seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt	<input type="checkbox"/> RH-EE	Fixed tinted glass sky window with emergency exit
<input type="checkbox"/> DST-CF5	Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls with integrated seatbelt	<input type="checkbox"/> RH-ER	Steel roof hatch - Electrically operated, rear opening with emergency exit
<input type="checkbox"/> DST-CF6	Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar, heat and ventilation controls with integrated seatbelt	<input type="checkbox"/> RH-ETR	Tinted glass roof hatch - Electrically operated, rear opening with emergency exit
<input type="checkbox"/> SBD-RED	Seat belt colour - Red	<input type="checkbox"/> RH-MTR	Tinted glass roof hatch - Manually operated, rear opening with emergency exit
<input type="checkbox"/> SBPRE-DS	Driver seat belt pretensioner	<input type="checkbox"/> GLAS-TIN	Cab windows - Tinted
<input checked="" type="checkbox"/> PST-BAS1	Passenger seat - Fixed non suspended fold up with seatbelt mounted on cab "B" post	<input type="checkbox"/> SWIND-BS	Cab side window - On both sides behind 'B' post
<input type="checkbox"/> PST-CF4	Passenger seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt	<input type="checkbox"/> SWIND-PS	Cab side window - Left side behind 'B' post
<input type="checkbox"/> PST-CF5	Passenger seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls with integrated seatbelt	<input type="checkbox"/> AWIND-RF	Rear window
<input type="checkbox"/> PST-STD2	Passenger seat - Fixed with backrest adjustment, non suspended with seatbelt mounted on cab "B" post	<input type="checkbox"/> VANMIR	Vanity mirror - In front shelf
<input type="checkbox"/> PST-STD4	Passenger seat - Standard suspended with seatbelt mounted on cab "B" post	<input type="checkbox"/> AS-FUS	Extra shelf in front compartments
<input type="checkbox"/> SBPRE-PS	Passenger seat belt pretensioner	<input type="checkbox"/> INFOT-PK	TV mounting preparation kit - Above the driver's door, includes bracket, electrical and speaker connections
<input type="checkbox"/> ARMRE-BB	Armrests - Two on both driver & passenger seats	CAB EXTERIOR	
<input type="checkbox"/> ARMRE-DB	Armrests - Two on the driver seat	<input type="checkbox"/> 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.
<input type="checkbox"/> Standard Equipment	<input type="checkbox"/> Optional Equipment	<input type="checkbox"/> EXTL-BAS	Basic exterior finish - Satin Volvo badges, grey grille, instep, bumper, bumper spoiler, grille, door handles mirror housing and sunvisor if specified.
For more detailed information about cab and powertrain equipment, please refer to separate specification sheets.			
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<input type="checkbox"/> BUMP-B	Front bumper - Plastic	<input type="checkbox"/> ANT-CBR	Rooftop mounted antenna for CB radio, single aerial. Only Globetrotter cabs bring in extra DIN slots.
<input checked="" type="checkbox"/> BUMP-B2	Front bumper - Steel	<input type="checkbox"/> ACCBR-AP	Front, middle & rear roof mounted accessory brackets
<input type="checkbox"/> BUMP-SP	Front bumper spoiler	<input type="checkbox"/> ACCBR-F	Front roof mounted accessory bracket
<input type="checkbox"/> GUARD-EH	Sump and radiator guard - to protect engine and hoses	<input type="checkbox"/> ACCBR-FM	Front & middle roof mounted accessory brackets
<input checked="" type="checkbox"/> BUGNET	Radiator insect screen	<input type="checkbox"/> ACCBR-FR	Front & rear roof mounted accessory brackets
<input type="checkbox"/> CTILTP-E	Electrically operated hydraulic cab tilt	<input type="checkbox"/> ACCBR-M	Middle roof mounted accessory bracket
<input checked="" type="checkbox"/> CTILTP-M	Manually operated hydraulic cab tilt	<input type="checkbox"/> ACCBR-R	Rear roof mounted accessory bracket
<input type="checkbox"/> FCABS-A	Front cab suspension - Air	<input type="checkbox"/> ACCBR-RM	Rear & middle roof mounted accessory brackets
<input checked="" type="checkbox"/> FCABS-M	Front cab suspension - Mechanical spring	<input type="checkbox"/> REFS-TW	White cab conspicuity markings by packed in cab
<input type="checkbox"/> RCABS-A	Rear cab suspension - Air	<input type="checkbox"/> REFS-TY	Yellow cab conspicuity markings by packed in cab
<input checked="" type="checkbox"/> RCABS-M	Rear cab suspension - Mechanical spring		
<input type="checkbox"/> MIRCFCPS	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"/> MIRCFCPX	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"/> 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.		
<input type="checkbox"/> MIRCMS	Camera monitoring and mirrors - Electrically heated and operated main and wide-angle rear view cameras with manually adjusted passenger kerb and front mirror		
<input checked="" type="checkbox"/> MIRCOMF	Mirrors - Electrically heated and operated main and wide angle and manually adjusted passenger kerb and front mirror		
<input type="checkbox"/> MIRCOMFX	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 checked="" type="checkbox"/> AMIR-F20	Auxiliary front view mirror with a 200mm radius	<input type="checkbox"/> WLC-H2A	Working lamp back of cab - Two amber LED high mounted
<input type="checkbox"/> SUNV-H	External smoke grey sunvisor	<input type="checkbox"/> WLC-H2W	Working lamp back of cab - Two white LED high mounted at the back of cab
<input type="checkbox"/> AD-ROOF	Cab roof deflector - Adjustable	<input type="checkbox"/> WLC-PKCH	Working lamp back of cab - Preparation kit - cables and switch
<input type="checkbox"/> AD-SIDES	Cab side deflector - Short extension panels	<input type="checkbox"/> WLC-PKH	Preparation kit, cables and switch for high mounted working lamps back of cab
<input checked="" type="checkbox"/> HL-LED	Headlights - LED	<input type="checkbox"/> WLC-PKL	Preparation kit, cables and switch for low mounted working lamps back of cab
<input type="checkbox"/> HL-CLEAN	Headlight cleaner - Washer jets	<input type="checkbox"/> WLC-PKLH	Preparation kit - cables and switch for low and high mounted working lamps back of cab.
<input type="checkbox"/> HL-PROT	Headlight protection	<input type="checkbox"/> ECBB-HIG	Bodybuilder module - High level body electrical centre in dash input/output module
<input type="checkbox"/> DRIVL2	Two spot lamps	<input checked="" type="checkbox"/> ECBB-MED	Bodybuilder module - Medium level body electrical centre in dash input/output module
<input checked="" type="checkbox"/> UDRIVL	Auxiliary driving lights - Without	<input type="checkbox"/> BBCHAS1	One 7-pole connector for Body builder interface
<input checked="" type="checkbox"/> FOGL-WC	Front fog lights	<input type="checkbox"/> BBCHAS3	Three 7-pole connectors for Body builder interface
<input type="checkbox"/> CL-STAT	Static corner lights	<input type="checkbox"/> BEPR-T2	Body builder electrical software preparation for tipper with remote control
<input type="checkbox"/> ASL-RF2	Integrated roof spotlights - Two LED aerodynamic spot lights in Globetrotter sign box	<input type="checkbox"/> EXSTER	External steering control - Volvo dynamic steering and bodybuilder module prepared for external control system, installed and computer by bodybuilder
<input type="checkbox"/> BEACOA2F	Roof beacons - Two front roof mounted amber LED	<input type="checkbox"/> TD-BAS	Trailer detection WITHOUT LED sensing
<input type="checkbox"/> BEACOA2R	Roof beacons - Two rear roof mounted amber LED	<input checked="" type="checkbox"/> TD-LED	Trailer detection with LED sensing
<input type="checkbox"/> BEACON-P	Roof beacons - switch and wiring preparation only	<input type="checkbox"/> FRFS-BS	Frame rail free space - both sides to give space for crane legs or other equipment.
<input type="checkbox"/> BEACONA4	Roof beacons - Four amber LED - two front/ two rear	<input type="checkbox"/> FBA-BTF	Lower front body attachments for torsionally flexible - platform body
<input type="checkbox"/> CABPT-R1	Single outlet for roof mounted accessories	<input type="checkbox"/> FBA-BTSF	Lower front body attachments for torsionally semi-flexible body - box or curtainsider
<input checked="" type="checkbox"/> CABPT-R2	Twin outlets for roof mounted accessories.	<input type="checkbox"/> HBA-FSFB	Holes for body attachments - flexible/semi-flexible body
<input type="checkbox"/> SPOTP-F	Spotlamp preparation in front, max 280W	<input type="checkbox"/> HBA-SB	Holes for body attachments - stiff body
<input type="checkbox"/> SPOTP-R	Spotlamp preparation on roof, max 280W	<input type="checkbox"/> RBA-T2	Lower rear body attachments for helper frame
<input type="checkbox"/> SPOTP-RF	Spotlamp preparation on cab roof and in cab front, max 2x280W	<input type="checkbox"/> CRANEPK1	Crane plates mounted to frame, for cranes up to 10 tonne metre capacity
<input type="checkbox"/> ROS-IL2	Preparation kit for illuminated roof sign with switch loose in cab, fit after registration	<input type="checkbox"/> CRANEPK2	Crane plates mounted to frame, for cranes up to 20 tonne metre capacity
<input type="checkbox"/> CSGN-GTR	Cab sign logo - FH "Globetrotter" or FH16 "Power"	<input type="checkbox"/> CRANEPK4	Crane plates mounted to frame, for cranes up to 40 tonne metre capacity
<input type="checkbox"/> HORN-F1S	Horn - Air single tone - chassis mounted	<input type="checkbox"/> AUXL-SPK	Electrical preparation kit - wiring and switch for snow plough lights
<input type="checkbox"/> HORN-R2S	Horn - Air - Two roof-mounted	<input type="checkbox"/> TAILPREP2	Tail lift preparation kit, wireless remote operation
		<input type="checkbox"/> TAILPREP	Tail lift preparation kit - cab switch and warning in driver display
		<input type="checkbox"/> AESW2	Two Body builder bistable electrical switches (marked AUX1 / AUX2)

Standard Equipment

Optional Equipment

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- 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

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