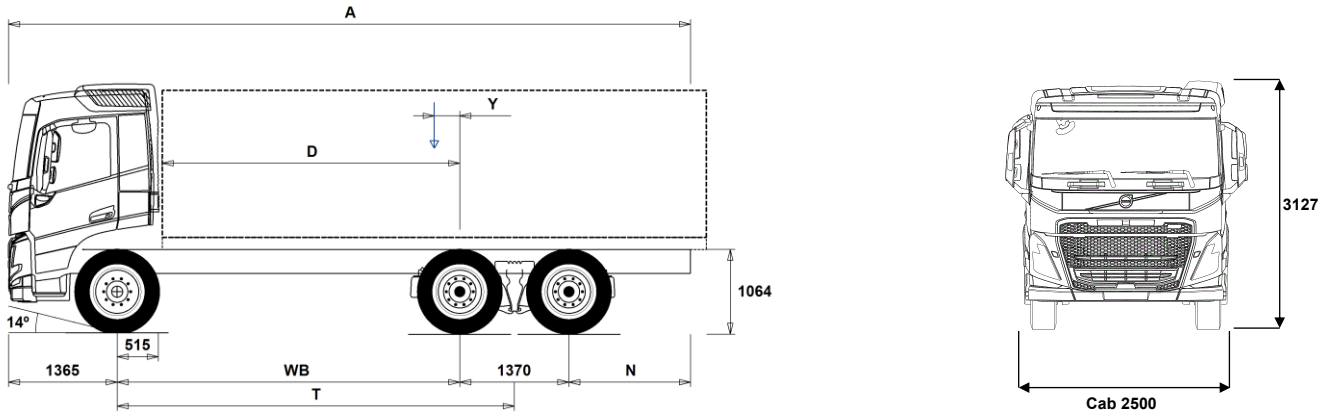


MODEL RANGE

FM 13 6x4 Rigid - Rear Air Suspension - N3 or N3G FM 64R 3A



Chassis Dimensions [mm]

WB Wheelbase	3400	3700	3900	4300	4600	4900	5200	5600
A Overall Chassis Length	7310	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.)	1175	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.)	-178	-134	-110	-64	-19	5	41	85
Y Center of Gravity for Payload (Max.)	49	111	146	216	279	320	373	441

Chassis Weights [kg]

Front Axle	4765	4745	4755	4775	4760	4805	4810	4835
Rear Bogie	3235	3320	3335	3390	3490	3440	3465	3500
Kerb Weight	8000	8065	8090	8165	8250	8245	8275	8335
Payload (including body, driver, fuel, etc.)	18000	17935	17910	17835	17750	17755	17725	17665

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.

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

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 FM64R3A.

MODEL RANGE

FM 13 6x4 Rigid - Rear Air Suspension - N3 or N3G FM 64R 3A

TRUCK USE

- RC-ROUGH** Road conditions - On / off-road
- RC-SMOOTH** Road Conditions - Smooth
- GARB-PRE** Transport Adaption - Refuse preparation
- SWAPBODY** Transport Adaption - Swap body vehicle 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
- RADD-G2** Rear air suspension, 2 axles - 2 driven, high ground clearance
- RADD-GR** RADD-GR - 6x4/8x4 Air - High
- CDCOPREP**
- FM-CREW** Cab - Four-door crew for up to 9 people
- 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-EPG** Engine brake type - Exhaust brake controlled by steering column switch
- EBR-EPGC** Engine brake type - Exhaust pressure governor for I shift gearbox
- EBR-VEB+** Engine brake type - Volvo engine brake + and exhaust pressure governor, enhanced performance from additional exhaust rocker control. Retardation 375kW
- AT2612** Gearbox - AT2612 12-speed "I-Shift" automated mechanical suitable for gross train weights up to 60 tonne only.
Refer to sales engineering when used in conjunction with a PTO
- AT2812** Gearbox - AT2812 12-speed I-Shift automated mechanical suitable for gross train weights up to 60 tonne.
Refer to sales engineering when used in conjunction with a PTO
- ATO2612** Gearbox - ATO2612F 12-speed I-Shift overdrive automated mechanical, suitable for gross train weights up to 100 tonne.
Refer to sales engineering when used in conjunction with a PTO
- ATO3112** Gearbox - ATO3112 12-speed I-Shift overdrive automated mechanical, suitable for gross train weights up to 60tonne.
Refer to sales engineering when used in conjunction with a PTO

Standard Equipment

Optional Equipment

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

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- 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
Ratios Overdrive box 32:1 and 17:1
- TAAXLIFT** Rear axle lift for double drive bogie
CONTACT VOLVO SALES ENGINEERING to check lift capability
- 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

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

CHASSIS

- FST-AIR** Front suspension type - Air
- FST-PAR** Front suspension type - 2 leaf parabolic springs
- FST-PAR3** Front suspension type - 3 leaf parabolic springs
- FST-PL1** Front suspension type - Lightweight 2 leaf parabolic springs - top leaf steel - lower composite
- FSLs-BAS** Front suspension levelling - basic stroke
- FSLs-HI** Front suspension levelling - high stroke for demount operations - check with bodybuilder
- 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

MODEL RANGE

FM 13 6x4 Rigid - Rear Air Suspension - N3 or N3G FM 64R 3A

- **RSTAB1** Rear anti-roll bar - Normal stiffness
- **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
- **PSS-SING** Power steering system - Single
- **PSP-FIX** Power steering pump - Fixed displacement
- **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
- **RST-AIR6** Rear suspension type - Air with reinforced air bellows for heavier loads at higher temperatures
- **SUSPL-EC** Remote electronic control on wander-lead for air suspension levelling
- **FRAME266** Chassis frame section external height - 266 mm
- **FRAME300** Chassis frame section external height - 300 mm
- **FST7070** Chassis frame thickness - 7 mm web and flange
- **FST8080** Chassis frame thickness - 8 mm web and flange
- **FIL-EEEB** Chassis frame inner liner - From the end of the engine to the end of the bogie
- **FIL-EEEF** Chassis frame inner liner - From the end of the engine to end of the frame
- **FIL-FBEB** Chassis frame inner liner - Over the rear bogie
- **FIL-FBEF** Chassis frame inner liner - From the front of bogie to the end of the frame
- **FIL-TXEB** Chassis frame inner liner - From gearbox member to the end of the bogie
- **FIL-TXEF** Chassis frame inner liner - From gearbox member to the end of the frame
- **BBOX-L** Battery box position - Left hand side
- **BATS-D** Dual energy battery system - 2 living batteries and 2 starter batteries.
- **BATS-S** Single energy battery system (2 batteries)
- **2BAT210B** Battery Capacity - 2 x 210 Ah - Gel type
- **2BAT210C** Battery Capacity - 2 x 210 Ah - AGM Absorbent Glass-fibre Material type
- **BATTAMP** Battery management - Voltage and current gauge
- **BATTIND** Battery management - Voltage, current and charge indicators
- **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
- **MSWI-A** Battery master switch - ADR switch circuit shut down
- **MSWI-C** Battery master switch - Chassis mounted toggle by the battery box
- **MSWI-R** Battery master switch - Key fob operated remote controlled
- **R405A71** Right fuel tank - 405litre aluminium diameter 710mm
Min volume 255l
Max volume 810l
- **UL-FUEL** Left fuel tank - Without
Min volume 160l
Max volume 730l
- **ADTP-L** AdBlue tank position - Chassis mounted on the left-hand side
- **ADTP-R** AdBlue tank position - Chassis mounted on the right-hand side
- **ADB048** Plastic AdBlue tank - 48 litre
- **ADB064** Plastic AdBlue tank - 64 litre
- **ADB068** Plastic AdBlue tank - 68 litre
- **ADB083** Plastic AdBlue tank - 83 litre
- **ADB090** Plastic AdBlue tank - 90 litre
- **ADB112** Plastic AdBlue tank - 112 litre
- **ADTC-BF** AdBlue tank cover with satin alloy look decorative cover
- **FCAP-L** Diesel and AdBlue filler cap - Locking
- **FUFF-AS** Fuel filler - Anti-spill device
- **FUFF-ATS** Fuel filler - Anti-spill & anti-syphon device
- **ESH-LEFT** Exhaust - Horizontal silencer - left outlet
- **ESH-REAR** Exhaust - Horizontal silencer - rear outlet
- **ESH-RIGH** Exhaust - Horizontal silencer - right outlet
- **ESH-VERT** Exhaust - Horizontal silencer - vertical outlet
- **EXST-SSP** Stainless steel exhaust stack - NOT polished
- **EXST-ST** Steel exhaust stack
- **HS-NAR** Narrow heat shield
- **WHC-FIX2** Wheel chocks - Two fixed design
- **WHC-FOL2** Two foldable wheel chocks
- **WHCP-F** Wheel chock carrier position - In the front part of the vehicle
- **WHCP-M** Wheel chock carrier position - Middle part of the vehicle
- **WHCP-R** Wheel chock carrier position - In the rear part of the vehicle
- **WHCP-T** Wheel chock carrier position - Outer luggage locker
- **TB-L80** Toolbox 800 mm, left side
- **TB-R80** Toolbox 800 mm, right side
- **SUP-BAS** Side guards - Check with bodybuilder chassis space requirements
- **SUP-LOW** EC approved low chassis side guards
- **CHAIN-S** Snow chains
- **HOOK-SC** Snow chain hooks
- **TOWF-NO1** Front towing device - One detachable - stored in cab
- **TOWF-NO2** Front towing device - Two detachable - stored in cab
- **TOWMBRH** Towing member, high mounted in centre of frame, D = 190
- **TOWMBRL1** Towing member, low mounted under the frame
- **TOWMBRL2** Towing member, low and forward mounted under the frame
- **TOWMBRL3** Towing member, low and far forward mounted under the frame
- **TOWMBRM** Towing member, medium mounted in line with frame lower flange
- **RFEC-L** Rear frame profile - Lower flange cut for centre axle drawbar
- **RFEC-S** Rear frame profile - Straight cut
- **RFEC-U** Rear frame profile - Slight uppercut for tippers
- **C-RI4040** Towing coupling, Ringfeder 4040A
- **C-RI5050** Towing coupling, Ringfeder 5050A
- **C-RO400G** Towing coupling, Rockinger 400 G-150 for 40mm eyes
- **C-RO50** Rockinger RO 50 50mm for centre axle trailer
- **C-VBG795** VBG 795V-3 coupling (centre axle trailer)
- **TOWR-ONE** Towing hitch attached to rear crossmember
- **TREL-PK** Trailer electrical preparation kit - chassis/cab wiring
- **TREL14** Single 14 pole electrical trailer connector
- **TREL15** Trailer electrical connection - Single 15 pin - ADR certified
- **TREL7** 7 pole - 24N trailer electrical suzie
- **TREL7-7** Trailer electrical connection - 2 x 7 pin - 24N and 24S
- **TBC-DUO** Trailer brake connections - Duomatic type
- **TBC-EC** Trailer brake connections - EC palm coupling connectors
- **TRBR-STA** Stationary trailer brake control

■ Standard Equipment □ Optional Equipment

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MODEL RANGE

FM 13 6x4 Rigid - Rear Air Suspension - N3 or N3G FM 64R 3A

- TRB-STRE** Stretch Brake - Automatic low speed trailer brake activation to avoid jack-knifing and improve steerability
 - RUP-FOLD** Rear underrun protection - Aluminium folding EC approved
 - RFEND-B** Rear mud wings - Three piece EC approved and spray flaps
 - RFEND-T** Rear mud wings - Temporary on drive axle for transport delivery only
 - RFH-BAS** Basic rear wing height
 - RFH-HIG** High rear wing height - higher wing tops
 - RFH-LOW** Lower rear wing height - shallower wing tops
 - AUXATNK** Auxiliary airtank
 - ATANK-AL** Air tanks - Aluminium
 - ATANK-ST** Air tanks - Steel
 - RESTS-W** White conspicuity markings on chassis - sideguards, toolbox and rear overhang
 - REST-RUP**
 - TL-LED** Rear lights - LED
 - BLIGHT-E** Emergency brake light
- ### WHEELS & TYRES
- RT-AL** Wheels - Howmet Alcoa brushed aluminium rims - standard holes for long stud fixing
 - RT-AL1** Wheels - Howmet Alcoa brushed aluminium rims LVL one - standard holes for long stud fixing
 - RT-AL1DU** Wheels - Howmet Alcoa brushed aluminium rims LVL one - countersunk holes for short stud fixing
 - RT-ALDP** Wheels - Howmet Alcoa Dura-Bright aluminium rims - standard holes for long stud fixing
 - RT-ALDPD** Wheels - Howmet Alcoa Dura-Bright EVO aluminium rims - countersunk holes for short stud fixing
 - RT-ALDU** Wheels - Howmet Alcoa brushed aluminium rims - countersunk holes for short stud fixing
 - RT-STEEL** Wheels - Steel rims
 - WCAP** Aerodynamic hub caps
 - SPWT-D** Spare wheel & tyre with rear tyre pattern
 - SPWT-F** Spare wheel & tyre with front tyre pattern
 - SWCP-LF** Spare wheel carrier on left side of chassis ahead of rear axle
 - SWCP-R** Rear mounted spare wheel carrier
 - SWCP-T** Spare wheel supplied temporarily strapped to chassis
 - SWCP-TP** Temporary spare wheel carrier on top of chassis frame
 - JACK-12T** 12 tonne bottle jack
 - JACK-15T** 15 tonne bottle jack
 - JACK-20T** 20 tonne bottle jack
 - TOOL-BAS** Toolkit - Basic
 - TOOLKIT** Toolkit - Complete
 - INFLAHOS** Tyre inflation hose
 - GAUGE-TP** Tyre pressure gauge
- ### 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
 - PVT-MTM** I-See Predictive Cruise Control - using map-based topography information with lower operating settings
 - CRUIS-E** Cruise control - with I-roll and I-cruise, controls in steering wheel
 - CRUIS-E5** Eco torque software - Improved economy mode. Fuel economy optimized cruise control for I-Save
 - 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
 - FUEQ-EH** Fuel line electric heater
 - 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

Standard Equipment Optional Equipment

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<input type="checkbox"/> PTRD-D	Gearbox driven HIGH SPEED PTO for two plug-in hydraulic pumps	<input type="checkbox"/> RTOLL-PK	Road toll PREPARATION kit for trucks operating with "Toll Collect" in Germany
<input type="checkbox"/> PTRD-D1	PTRD-D1 Gearbox driven HIGH SPEED PTO (1 SAE flange & 1 plug-in hydraulic pump)	<input type="checkbox"/> LOADIND	Load indicator with central dashboard display
<input type="checkbox"/> PTRD-D2	Gearbox driven HIGH SPEED PTO (2 SAE flanges & 1 plug-in hyd pump)	<input type="checkbox"/> REMC-MF	Multi-functio wireless remote control
<input type="checkbox"/> PTRD-F	PTO with 1 DIN + 1 flange connection rear, manual gearbox	<input type="checkbox"/> FIREXT3S	Fire extinguisher - 3kg mounted on the seat base
<input type="checkbox"/> HPG-F101	Gearbox mounted hydraulic pump - Parker F1-101 hydraulic pump gearbox mounted	<input type="checkbox"/> WARNVEST	High visibility warning vest - No sleeves
<input type="checkbox"/> HPG-F41	Gearbox mounted hydraulic pump - Parker F1-41 gearbox mounted, fixed displacement, single flow	<input type="checkbox"/> AIDKIT	First aid kit - Legal demand for EU markets including delivery to EU bodybuilder
<input type="checkbox"/> HPG-F51	Gearbox mounted hydraulic pump - Parker F1-51 gearbox mounted, fixed displacement, single flow	<input type="checkbox"/> AIDKIT1B	First aid kit - Legal demand for trucks transiting Germany
<input type="checkbox"/> HPG-F61	Gearbox mounted hydraulic pump - Parker F1-61 gearbox mounted, fixed displacement, single flow	<input type="checkbox"/> WARNLAMP	Portable warning lamp
<input type="checkbox"/> HPG-F81	Gearbox mounted hydraulic pump - Parker F1-81 gearbox mounted, fixed displacement, single flow	<input type="checkbox"/> LAMP-IN	Inspection lamp
<input checked="" type="checkbox"/> STWPOS-R	Steering wheel position - RIGHT-HAND DRIVE	<input type="checkbox"/> BULBKIT	Bulb and fuse kit
<input type="checkbox"/> STWM-LE	Steering wheel - Leather	<input type="checkbox"/> WRITEPAD	Writing pad
<input type="checkbox"/> STGW-AD2	Steering wheel adjustment - Neck tilt, column height and angle	<input checked="" type="checkbox"/> DST-CF4	Driver seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt
<input checked="" type="checkbox"/> STGW-ADJ	Steering wheel adjustment - Column height and angle	<input type="checkbox"/> DST-CF5	Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls with integrated seatbelt
<input checked="" type="checkbox"/> AIRBAG	Driver air bag	<input type="checkbox"/> DST-CF6	Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar, heat and ventilation controls with integrated seatbelt
<input checked="" type="checkbox"/> DRC-AMII	DPF Regeneration control switch - for manual and switching off regeneration	<input type="checkbox"/> DST-LUX1	Driver seat - Deluxe 1: electrical adjustment with memory function, lumbar support, heating & ventilation with integrated seatbelt
<input checked="" type="checkbox"/> 1DAYDIG4	Smart tachograph - Continental VDO 4.1 version 2 - legal demand from 21/08/2023	<input type="checkbox"/> SBD-RED	Seat belt colour - Red
<input type="checkbox"/> ARSL	Additional road speed limit - switch in dashboard	<input type="checkbox"/> SBPRE-DS	Driver seat belt pretensioner
<input type="checkbox"/> SPEED-DU	Dual speed limiter	<input checked="" type="checkbox"/> PST-BAS1	Passenger seat - Fixed non suspended fold up with seatbelt mounted on cab "B" post
<input checked="" type="checkbox"/> ESP-BAS1	Electronic Stability Control ESC	<input type="checkbox"/> PST-CF4	Passenger seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt
<input type="checkbox"/> ESPC-RO	Additional ESC functions - Reduced / Off	<input type="checkbox"/> PST-CF5	Passenger seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls with integrated seatbelt
<input type="checkbox"/> HWSS-ACB	Forward collision warning with adaptive cruise control and AEBs advanced emergency brake system	<input type="checkbox"/> PST-STD2	Passenger seat - Fixed with backrest adjustment, non suspended with seatbelt mounted on cab "B" post
<input checked="" type="checkbox"/> HWSS-FCB	Forward collision warning with AEBs advanced emergency brake system	<input type="checkbox"/> PST-STD4	Passenger seat - Standard suspended with seatbelt mounted on cab "B" post
<input checked="" type="checkbox"/> LSS-DW	Lane departure warning system	<input type="checkbox"/> SBPRE-PS	Passenger seat belt pretensioner
<input checked="" type="checkbox"/> LSS-DW3	Lane departure warning system with pilot assist	<input type="checkbox"/> ARMRE-BB	Armrests - Two on both driver & passenger seats
<input checked="" type="checkbox"/> LCS4	Side Collision Avoidance Support - Passenger and driver side	<input type="checkbox"/> ARMRE-DB	Armrests - Two on the driver seat
<input type="checkbox"/> LCS5	Side Collision Avoidance Support - Active support with emergency brake on passenger side. Collision warning on passenger and driver side	<input type="checkbox"/> ARMRE-PB	Armrests - Two on the passenger seat
<input checked="" type="checkbox"/> DAS-W	Driver Alert Support system	<input type="checkbox"/> ARU-BAS	Armrest upholstery - Vinyl
<input type="checkbox"/> RSENS-W	Rain sensing windscreen wipers	<input type="checkbox"/> ARU-LEA	Armrest upholstery - Leather
<input checked="" type="checkbox"/> CU-ECC	Cab climate Unit - Electrically controlled air conditioning with sun sensor	<input checked="" type="checkbox"/> FMAT-RUB	Footwell floor mats - Rubber
<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"/> FMAT-TX2	Footwell floor mats - Two sets, Rubber and textile with an embossed pile supplied in the cab
<input checked="" type="checkbox"/> IGT-BUT	Vehicle starting - Push-button	<input type="checkbox"/> LBK70	Lower bunk - Fixed 700 x 2000 mm
<input checked="" type="checkbox"/> IMMOBIL	Immobiliser	<input type="checkbox"/> MATL-FI	Lower mattress - Firm pocket sprung
<input type="checkbox"/> ALARM-E	Vehicle alarm - Cab plus external sensor for body/trailer	<input type="checkbox"/> MATL-SF	Lower mattress - Flexi-zone semi-firm, pocket springs up to 100kg - 16 stone
<input type="checkbox"/> PHONE-PK	Telephone preparation kit (antenna, antenna attachm. cable incl.)	<input type="checkbox"/> OLMAT-BA	Mattress overlay protector - 35mm thick
<input type="checkbox"/> ISUNS-BS	Side sun visor - Driver & passenger side	<input type="checkbox"/> OLMAT-PR	Mattress overlay protector - Premium 50mm thick
<input checked="" type="checkbox"/> ISUNS-DS	Side sun visor - Driver-side	<input type="checkbox"/> TBK60F	Top bunk - Fixed foldable 600 x 1900mm
<input type="checkbox"/> ISUNF-B	Interior front sun visor without mirror	<input type="checkbox"/> TBK70F	Top bunk - Fixed foldable 700 x 1900mm
<input type="checkbox"/> ISUNF-MD	Interior front sun visor with mirror on driver side	<input type="checkbox"/> PH-CAB2	Cab parking heater - 1.8kW Air to air
<input type="checkbox"/> ISUNF-RE	Electrically operated textile interior sun blind	<input type="checkbox"/> PH-ENGCA	Cab parking heater - Engine and cab
<input checked="" type="checkbox"/> ISUNF-RM	Manually operated textile interior sun blind	<input type="checkbox"/> PH-SS	Cab parking heater - Short stop
<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"/> SLCP-BAS	Sleeper control panel - Basic with switches for interior light, night heater, roof hatch and door lock
<input checked="" type="checkbox"/> BUPALARM	Reverse alarm	<input type="checkbox"/> ETSB-F	Storage on engine tunnel - Central document box with two rear cup holders
		<input type="checkbox"/> ETSB-FR	Storage on engine tunnel - Central document box with two rear cup holders & open storage pocket on cab rear wall

Standard Equipment

Optional Equipment

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MODEL RANGE

FM 13 6x4 Rigid - Rear Air Suspension - N3 or N3G FM 64R 3A

<ul style="list-style-type: none"> <input type="checkbox"/> ETSB-R Storage on engine tunnel - Open storage pocket on cab rear wall <input type="checkbox"/> RUS-BAS Rear cab upper storage - 300 mm high <input type="checkbox"/> RUS-HIG Rear cab upper storage - 440 mm high - volume 245 litres <input type="checkbox"/> REF-ICPK Fridge - Engine tunnel mounted preparation kit <input type="checkbox"/> REFR-RUS Fridge - 28 litre rear upper wall mounted with dividers <input type="checkbox"/> MICRO-PK Microwave equipment - Wiring preparation kit for oven <input type="checkbox"/> BOTH-D Bottle holder - One under dashboard centre section <input type="checkbox"/> COFMA-PK Coffee maker - Preparation kit. <input checked="" type="checkbox"/> INLI-BAS Interior light - White LEDs <input type="checkbox"/> INLI-NL Interior light - White and red nightlight LEDs without dimmer <input type="checkbox"/> INLI-NLD Interior light - White and red nightlight LEDs with dimmer <input type="checkbox"/> ARL-FLEX Flexible reading lamps - Two "snake" type <input checked="" type="checkbox"/> RH-EE Fixed tinted glass sky window with emergency exit <input type="checkbox"/> RH-ER Steel roof hatch - Electrically operated, rear opening with emergency exit <input type="checkbox"/> RH-ETR Tinted glass roof hatch - Electrically operated, rear opening with emergency exit <input type="checkbox"/> RH-MTR Tinted glass roof hatch - Manually operated, rear opening with emergency exit <input checked="" type="checkbox"/> GLAS-TIN Cab windows - Tinted <input type="checkbox"/> SWIND-BS Cab side window - On both sides behind 'B' post <input type="checkbox"/> SWIND-PS Cab side window - Left side behind 'B' post <input type="checkbox"/> AWIND-RF Rear window <input type="checkbox"/> VANMIR Vanity mirror - In front shelf <input type="checkbox"/> AS-FUS Extra shelf in front compartments <input type="checkbox"/> INFOT-PK TV mounting preparation kit - Above the driver's door, includes bracket, electrical and speaker connections 	<ul style="list-style-type: none"> <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"/> SUNV-H External smoke grey sunvisor <input type="checkbox"/> AD-ROOF Cab roof deflector - Adjustable <input type="checkbox"/> AD-SIDES Cab side deflector - Short extension panels <input checked="" type="checkbox"/> HL-LED Headlights - LED <input type="checkbox"/> HL-LED3 Headlights - LED Adaptive high beam <input type="checkbox"/> HBDA-A Headlight main beam switching - Automatic <input checked="" type="checkbox"/> HL-CLEAN Headlight cleaner - Washer jets <input type="checkbox"/> HLP-ST Headlight protection <input type="checkbox"/> DRIVL2 Two spot lamps <input checked="" type="checkbox"/> UDRIVL Auxiliary driving lights - Without <input checked="" type="checkbox"/> FOGL-WC Front fog lights <input type="checkbox"/> CL-STAT Static corner lights <input type="checkbox"/> ASL-RF2 Integrated roof spotlights - Two LED aerodynamic spot lights in Globetrotter sign box <input type="checkbox"/> BEACOA2F Roof beacons - Two front roof mounted amber LED <input type="checkbox"/> BEACOA2R Roof beacons - Two rear roof mounted amber LED <input type="checkbox"/> BEACON-P Roof beacons - switch and wiring preparation only <input type="checkbox"/> BEACONA4 Roof beacons - Four amber LED - two front/ two rear <input type="checkbox"/> CABPT-R1 Single outlet for roof mounted accessories <input checked="" type="checkbox"/> CABPT-R2 Twin outlets for roof mounted accessories. <input type="checkbox"/> SPOTP-F Spotlamp preparation in front, max 280W <input type="checkbox"/> SPOTP-R Spotlamp preparation on roof, max 280W <input type="checkbox"/> SPOTP-RF Spotlamp preparation on cab roof and in cab front, max 2x280W <input type="checkbox"/> ROS-IL2 Preparation kit for illuminated roof sign with switch loose in cab, fit after registration <input type="checkbox"/> CSGN-GTR Cab sign logo - Volvo "Globetrotter" or "Power" sign <input checked="" type="checkbox"/> HORN-F1S Horn - Air single tone - chassis mounted <input checked="" type="checkbox"/> HORN-R2S Horn - Air - Two roof-mounted <input type="checkbox"/> ANT-CBR Roof mounted antenna for CB radio, single aerial. Only Globetrotter cabs brings in extra DIN slots. <input type="checkbox"/> ACCBP-AP Front, middle & rear roof mounted accessory brackets <input type="checkbox"/> ACCBP-F Front roof mounted accessory bracket <input type="checkbox"/> ACCBP-FM Front & middle roof mounted accessory brackets <input type="checkbox"/> ACCBP-FR Front & rear roof mounted accessory brackets <input type="checkbox"/> ACCBP-M Middle roof mounted accessory bracket <input type="checkbox"/> ACCBP-R Rear roof mounted accessory bracket <input type="checkbox"/> ACCBP-RM Rear & middle roof mounted accessory brackets <input type="checkbox"/> REFS-CW White cab conspicuity markings mounted on cab side <input type="checkbox"/> REFS-TW White cab conspicuity markings by packed in cab <input type="checkbox"/> REFS-TY Yellow cab conspicuity markings by packed in cab
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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
- 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 passenger kerb and front mirror and position camera in nearside mirror arm
- 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
- MIRC MCP** 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.

SUPERSTRUCTURE PREPARATIONS

- CROSSRE** Cross reinforcement for swapbody
- 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

Standard Equipment Optional Equipment

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FM 13 6x4 Rigid - Rear Air Suspension - N3 or N3G FM 64R 3A

<ul style="list-style-type: none"> □ 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-LED Trailer detection with LED sensing □ FRFS-BS Frame rail free space - both sides to give space for crane legs or other equipment □ FBA-BTF Lower front body attachments for torsionally flexible - platform body □ FBA-BTSF Lower front body attachments for torsionally semi-flexible body - box or curtainsider □ HBA-FSFB Holes for body attachments - flexible/semi-flexible body □ HBA-SB Holes for body attachments - stiff body □ RBA-T2 Lower rear body attachments for helper frame □ CRANEPK1 Crane plates mounted to frame, for cranes up to 10 tonne metre capacity □ CRANEPK2 Crane plates mounted to frame, for cranes up to 20 tonne metre capacity □ CRANEPK4 Crane plates mounted to frame, for cranes up to 40 tonne metre capacity □ AUXL-SPK Electrical preparation kit - wiring and switch for snow plough lights □ TAILPRE2 Tail lift preparation kit, wireless remote operation □ TAILPREP Taillift preparation kit - cab switch and warning in driver display □ AESW2 Two Body builder bistable electrical switches (marked AUX1 / AUX2) □ AESW2PK 2 Body builder bistable el.switches (marked AUX1/AUX2) and prep. for 4 more switches □ AUXSW-4 Wiring for 4 extra switches (from Body builder electrical centre to switch positions) 	<ul style="list-style-type: none"> □ 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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DELIVERY SERVICES

<ul style="list-style-type: none"> ■ 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

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