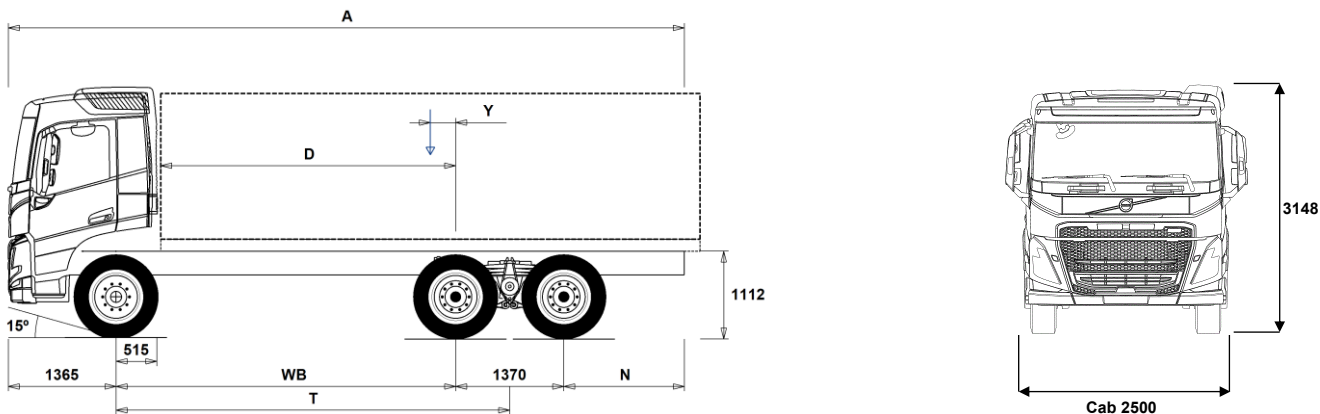


MODEL RANGE

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.) | -168 | -132 | -107 | -60 | -15 | 9 | 46 | 90 |
| Y Center of Gravity for Payload (Max.) | 61 | 115 | 151 | 222 | 285 | 327 | 381 | 449 |

Chassis Weights [kg]

| | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|
| Front Axle | 4745 | 4755 | 4760 | 4780 | 4770 | 4810 | 4815 | 4840 |
| Rear Bogie | 3450 | 3470 | 3485 | 3540 | 3645 | 3590 | 3620 | 3655 |
| Kerb Weight | 8195 | 8225 | 8245 | 8320 | 8415 | 8400 | 8435 | 8495 |
| Payload (including body, driver, fuel, etc.) | 17805 | 17775 | 17755 | 17680 | 17585 | 17600 | 17565 | 17505 |

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** 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
- 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
- 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
- FST-PARS** Front suspension type - 4 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

Standard Equipment Optional Equipment

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

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MODEL RANGE

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

| | | | |
|---|--|---|---|
| <input type="checkbox"/> RAL38 | Rear Bogie Design Capacity - 38 tonne | <input type="checkbox"/> FUFF-ATS | Fuel filler - Anti-spill & anti-syphon device |
| <input checked="" type="checkbox"/> RSTAB1 | Rear anti-roll bar - Normal stiffness | <input type="checkbox"/> ESH-LEFT | Exhaust - Horizontal silencer - left outlet |
| <input type="checkbox"/> RSAP2 | Rear suspension application - Heavy duty with reinforcements | <input checked="" type="checkbox"/> ESH-REAR | Exhaust - Horizontal silencer - rear outlet |
| <input type="checkbox"/> ACTST-TO | Active Steering- Volvo Dynamic Steering - VDS - with extra electronic pump and torque overlay | <input type="checkbox"/> ESH-RIGH | Exhaust - Horizontal silencer - right outlet |
| <input type="checkbox"/> ASFE-BAS | Active steering feature - Basic - Volvo Dynamic Steering - VDS - only | <input type="checkbox"/> ESH-VERT | Exhaust - Horizontal silencer - vertical outlet |
| <input type="checkbox"/> ASFE-PS | Active steering feature - Volvo Dynamic Steering - VDS - with personal settings | <input type="checkbox"/> EXST-SSP | Stainless steel exhaust stack - NOT polished |
| <input checked="" type="checkbox"/> PSP-FIX | Power steering pump - Fixed displacement | <input type="checkbox"/> EXST-ST | Steel exhaust stack |
| <input type="checkbox"/> PSP-VAR | Power steering pump - Variable displacement | <input type="checkbox"/> HS-NAR | Narrow heat shield |
| <input type="checkbox"/> PSP-VAR2 | Power steering pump - Variable displacement with electronic control | <input type="checkbox"/> WHC-FIX2 | Wheel chocks - Two fixed design |
| <input checked="" type="checkbox"/> EBS-MED | Brake package - EBS medium including "hill" hold function | <input type="checkbox"/> WHC-FOL2 | Two foldable wheel chocks |
| <input type="checkbox"/> AUXPARK | Auxiliary parking brake - Additional spring brakes | <input type="checkbox"/> WHCP-F | Wheel chock carrier position - In the front part of the vehicle |
| <input type="checkbox"/> RST-MUL | Rear suspension type - Multi-leaf spring | <input type="checkbox"/> WHCP-M | Wheel chock carrier position - Middle part of the vehicle |
| <input checked="" type="checkbox"/> RST-PAR1 | Rear suspension type - Parabolic springs | <input type="checkbox"/> WHCP-R | Wheel chock carrier position - In the rear part of the vehicle |
| <input checked="" type="checkbox"/> RST-PAR5 | Rear suspension type - Progressive parabolic springs | <input type="checkbox"/> WHCP-T | Wheel chock carrier position - Outer luggage locker |
| <input type="checkbox"/> FST7070 | Chassis frame thickness - 7 mm web and flange | <input type="checkbox"/> TB-L80 | Toolbox 800 mm, left side |
| <input checked="" type="checkbox"/> FST8080 | Chassis frame thickness - 8 mm web and flange | <input type="checkbox"/> TB-R80 | Toolbox 800 mm, right side |
| <input type="checkbox"/> FIL-EEEB | Chassis frame inner liner - From the end of the engine to the end of the bogie | <input type="checkbox"/> SUP-BAS | Side guards - Check with bodybuilder chassis space requirements |
| <input type="checkbox"/> FIL-EEEF | Chassis frame inner liner - From the end of the engine to end of the frame | <input type="checkbox"/> SUP-LOW | EC approved low chassis side guards |
| <input type="checkbox"/> FIL-FBEB | Chassis frame inner liner - Over the rear bogie | <input type="checkbox"/> CHAIN-S | Snow chains |
| <input type="checkbox"/> FIL-FBEF | Chassis frame inner liner - From the front of bogie to the end of the frame | <input type="checkbox"/> HOOK-SC | Snow chain hooks |
| <input type="checkbox"/> FIL-TXEB | Chassis frame inner liner - From gearbox member to the end of the bogie | <input checked="" type="checkbox"/> TOWF-NO1 | Front towing device - One detachable - stored in cab |
| <input type="checkbox"/> FIL-TXEF | Chassis frame inner liner - From gearbox member to the end of the frame | <input type="checkbox"/> TOWF-NO2 | Front towing device - Two detachable - stored in cab |
| <input checked="" type="checkbox"/> BBOX-L | Battery box position - Left hand side | <input type="checkbox"/> TOWMBRH | Towing member, high mounted in centre of frame, D = 190 |
| <input type="checkbox"/> BATS-D | Dual energy battery system - 2 living batteries and 2 starter batteries. | <input type="checkbox"/> TOWMBRL1 | Towing member, low mounted under the frame |
| <input checked="" type="checkbox"/> BATS-S | Single energy battery system (2 batteries) | <input type="checkbox"/> TOWMBRM | Towing member, medium mounted in line with frame lower flange |
| <input type="checkbox"/> 2BAT210B | Battery Capacity - 2 x 210 Ah - Gel type | <input type="checkbox"/> RFEC-L | Rear frame profile - Lower flange cut for centre axle drawbar |
| <input checked="" type="checkbox"/> 2BAT210C | Battery Capacity - 2 x 210 Ah - AGM Absorbent Glass-fibre Material type | <input checked="" type="checkbox"/> RFEC-S | Rear frame profile - Straight cut |
| <input checked="" type="checkbox"/> BATTAMP | Battery management - Voltage and current gauge | <input type="checkbox"/> RFEC-U | Rear frame profile - Slight uppercut for tippers |
| <input type="checkbox"/> BATTIND | Battery management - Voltage, current and charge indicators | <input type="checkbox"/> C-RI4040 | Towing coupling, Ringfeder 4040A |
| <input type="checkbox"/> ADR2 | ADR Adaptation - For transportation of dangerous goods on the road - Note does NOT include safe loading pass package if required this is quoted separately | <input type="checkbox"/> C-RI5050 | Towing coupling, Ringfeder 5050A |
| <input type="checkbox"/> MSWI-A | Battery master switch - ADR switch circuit shut down | <input type="checkbox"/> C-RO400G | Towing coupling, Rockinger 400 G-150 for 40mm eyes |
| <input type="checkbox"/> MSWI-C | Battery master switch - Chassis mounted toggle by the battery box | <input type="checkbox"/> C-RO50 | Rockinger RO 50 50mm for centre axle trailer |
| <input checked="" type="checkbox"/> MSWI-R | Battery master switch - Key fob operated remote controlled | <input type="checkbox"/> C-VBG795 | VBG 795V-3 coupling (centre axle trailer) |
| <input checked="" type="checkbox"/> R365A71 | Right fuel tank - 365litre aluminium diameter 710mm Min volume 255l Max volume 810l | <input type="checkbox"/> TOWR-ONE | Towing hitch attached to rear crossmember |
| <input checked="" type="checkbox"/> UL-FUEL | Left fuel tank - Without Min volume 160l Max volume 730l | <input checked="" type="checkbox"/> TREL-PK | Trailer electrical preparation kit - chassis/cab wiring |
| <input type="checkbox"/> ADTP-L | AdBlue tank position - Chassis mounted on the left-hand side | <input type="checkbox"/> TREL14 | Single 14 pole electrical trailer connector |
| <input checked="" type="checkbox"/> ADTP-R | AdBlue tank position - Chassis mounted on the right-hand side | <input type="checkbox"/> TREL15 | Trailer electrical connection - Single 15 pin - ADR certified |
| <input type="checkbox"/> ADB048 | Plastic AdBlue tank - 48 litre | <input type="checkbox"/> TREL7 | 7 pole - 24N trailer electrical suzie |
| <input checked="" type="checkbox"/> ADB064 | Plastic AdBlue tank - 64 litre | <input type="checkbox"/> TREL7-7 | Trailer electrical connection - 2 x 7 pin - 24N and 24S |
| <input type="checkbox"/> ADB068 | Plastic AdBlue tank - 68 litre | <input type="checkbox"/> TBC-DUO | Trailer brake connections - Duomatic type |
| <input type="checkbox"/> ADB083 | Plastic AdBlue tank - 83 litre | <input type="checkbox"/> TBC-EC | Trailer brake connections - EC palm coupling connectors |
| <input type="checkbox"/> ADB090 | Plastic AdBlue tank - 90 litre | <input type="checkbox"/> TRBR-STA | Stationary trailer brake control |
| <input type="checkbox"/> ADB112 | Plastic AdBlue tank - 112 litre | <input type="checkbox"/> TRB-STRE | Stretch Brake - Automatic low speed trailer brake activation to avoid jack-knifing and improve steerability |
| <input checked="" type="checkbox"/> FCAP-L | Diesel and AdBlue filler cap - Locking | <input type="checkbox"/> RUP-FOLD | Rear underrun protection - Aluminium folding EC approved |
| <input checked="" type="checkbox"/> FUFF-AS | Fuel filler - Anti-spill device | <input type="checkbox"/> RFEND-B | Rear mud wings - Three piece EC approved and spray flaps |
| | | <input type="checkbox"/> RFEND-T | Rear mud wings - Temporary on drive axle for transport delivery only |
| | | <input type="checkbox"/> RFH-BAS | Basic rear wing height |
| | | <input type="checkbox"/> RFH-HIG | High rear wing height - higher wing tops |
| | | <input type="checkbox"/> RFH-LOW | Lower rear wing height - shallower wing tops |
| | | <input type="checkbox"/> ATANK-AL | Air tanks - Aluminium |
| | | <input checked="" type="checkbox"/> ATANK-ST | Air tanks - Steel |
| | | <input type="checkbox"/> REST-RUP | |
| | | <input checked="" type="checkbox"/> TL-LED | Rear lights - LED |
| | | <input checked="" type="checkbox"/> BLIGHT-E | Emergency brake light |

WHEELS & TYRES

Standard Equipment Optional Equipment

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MODEL RANGE

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

| | |
|---|---|
| <ul style="list-style-type: none"> <input type="checkbox"/> RT-AL Wheels - Howmet Alcoa brushed aluminium rims - standard holes for long stud fixing <input type="checkbox"/> RT-AL1 Wheels - Howmet Alcoa brushed aluminium rims LVL one - standard holes for long stud fixing <input type="checkbox"/> RT-AL1DU Wheels - Howmet Alcoa brushed aluminium rims LVL one - countersunk holes for short stud fixing <input type="checkbox"/> RT-ALDP Wheels - Howmet Alcoa Dura-Bright aluminium rims - standard holes for long stud fixing <input type="checkbox"/> RT-ALDPD 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 ■ RT-STEEL Wheels - Steel rims <input type="checkbox"/> WCAP Aerodynamic hub caps <input type="checkbox"/> SPWT-D Spare wheel & tyre with rear tyre pattern <input type="checkbox"/> SPWT-F Spare wheel & tyre with front tyre pattern <input type="checkbox"/> SWCP-LF Spare wheel carrier on left side of chassis ahead of rear axle <input type="checkbox"/> SWCP-R Rear mounted spare wheel carrier <input type="checkbox"/> SWCP-T Spare wheel supplied temporarily strapped to chassis <input type="checkbox"/> SWCP-TP Temporary spare wheel carrier on top of chassis frame <input type="checkbox"/> JACK-12T 12 tonne bottle jack <input type="checkbox"/> JACK-15T 15 tonne bottle jack <input type="checkbox"/> JACK-20T 20 tonne bottle jack ■ TOOL-BAS Toolkit - Basic <input type="checkbox"/> TOOLKIT Toolkit - Complete <input type="checkbox"/> INFLAHOS Tyre inflation hose <input type="checkbox"/> GAUGE-TP Tyre pressure gauge | <ul style="list-style-type: none"> <input type="checkbox"/> CCV-C Closed crankcase engine ventilation ■ CCV-OX Closed crankcase ventilation for cold markets ■ 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 ■ 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 <input type="checkbox"/> 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) <input type="checkbox"/> PTER1400 Engine power-take-off - Rear-mounted with SAE 1410 flange <input type="checkbox"/> HPE-F101 Parker F1-101, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump <input type="checkbox"/> HPE-F41 Parker F1-41, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump <input type="checkbox"/> HPE-F51 Parker F1-51, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump <input type="checkbox"/> HPE-F61 Parker F1-61, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump <input type="checkbox"/> HPE-F81 Parker F1-81, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump <input type="checkbox"/> HPE-T53 Parker F2-53/53, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump <input type="checkbox"/> HPE-T70 Parker F2-70/35, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump <input type="checkbox"/> HPE-V45 Parker VP1-45, variable displacement, single flow, engine mounted hydraulic pump <input type="checkbox"/> HPE-V75 Parker VP1-75, variable displacement, single flow, engine mounted hydraulic pump <input type="checkbox"/> PTPT-D Powertronic PTO, 1 front/upper DIN connection for plug-in pump (max. 850 Nm) <input type="checkbox"/> PTPT-F Powertronic PTO, 1 front/upper rear facing SAE flange conn. for prop shaft (max.850 Nm) <input type="checkbox"/> PTR-D Gearbox PTO for plug-in pump, 0.71xeng speed <input type="checkbox"/> PTR-DH Gearbox driven high speed PTO for one plug-in hydraulic pump <input type="checkbox"/> PTR-DM Gearbox driven medium speed PTO for one plug-in hydraulic pump <input type="checkbox"/> PTR-F Gearbox driven PTO with rear flange connection <input type="checkbox"/> PTR-FH Gearbox driven high speed PTO with SAE drive flange <input type="checkbox"/> PTR-FL Gearbox driven low speed PTO with SAE drive flange <input type="checkbox"/> PTRD-D Gearbox driven HIGH SPEED PTO for two plug-in hydraulic pumps <input type="checkbox"/> PTRD-D1 PTRD-D1 Gearbox driven HIGH SPEED PTO (1 SAE flange & 1 plug-in hydraulic pump) <input type="checkbox"/> PTRD-D2 Gearbox driven HIGH SPEED PTO (2 SAE flanges & 1 plug-in hyd pump) <input type="checkbox"/> PTRD-F PTO with 1 DIN + 1 flange connection rear, manual gearbox <input type="checkbox"/> HPG-F101 Gearbox mounted hydraulic pump - Parker F1-101 hydraulic pump gearbox mounted <input type="checkbox"/> HPG-F41 Gearbox mounted hydraulic pump - Parker F1-41 gearbox mounted, fixed displacement, single flow <input type="checkbox"/> HPG-F51 Gearbox mounted hydraulic pump - Parker F1-51 gearbox mounted, fixed displacement, single flow <input type="checkbox"/> HPG-F61 Gearbox mounted hydraulic pump - Parker F1-61 gearbox mounted, fixed displacement, single flow <input type="checkbox"/> HPG-F81 Gearbox mounted hydraulic pump - Parker F1-81 gearbox mounted, fixed displacement, single flow ■ STWPOS-R Steering wheel position - RIGHT-HAND DRIVE <input type="checkbox"/> STWM-LE Steering wheel - Leather <input type="checkbox"/> STGW-AD2 Steering wheel adjustment - Neck tilt, column height and angle ■ STGW-ADJ Steering wheel adjustment - Column height and angle |
|---|---|

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

■ Standard Equipment □ Optional Equipment

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

| | | | |
|-------------------|--|-------------------|--|
| ■ AIRBAG | Driver air bag | □ DST-LUX1 | Driver seat - Deluxe 1: electrical adjustment with memory function, lumbar support, heating & ventilation with integrated seatbelt |
| ■ DRC-AMII | DPF Regeneration control switch - for manual and switching off regeneration | □ SBD-RED | Seat belt colour - Red |
| ■ 1DAYDIG4 | Smart tachograph - Continental VDO 4.1 version 2 - legal demand from 21/08/2023 | □ SBPRE-DS | Driver seat belt pretensioner |
| □ ARSL | Additional road speed limit - switch in dashboard | ■ PST-BAS1 | Passenger seat - Fixed non suspended fold up with seatbelt mounted on cab "B" post |
| □ SPEED-DU | Dual speed limiter | □ PST-CF4 | Passenger seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt |
| ■ ESP-BAS1 | Electronic Stability Control ESC | □ PST-CF5 | Passenger seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls with integrated seatbelt |
| □ ESPC-RO | Additional ESC functions - Reduced / Off | □ PST-STD2 | Passenger seat - Fixed with backrest adjustment, non suspended with seatbelt mounted on cab "B" post |
| □ HWSS-ACB | Forward collision warning with adaptive cruise control and AEBS advanced emergency brake system | □ PST-STD4 | Passenger seat - Standard suspended with seatbelt mounted on cab "B" post |
| ■ HWSS-FCB | Forward collision warning with AEBS advanced emergency brake system | □ SBPRE-PS | Passenger seat belt pretensioner |
| ■ LSS-DW | Lane departure warning system | □ ARMRE-BB | Armrests - Two on both driver & passenger seats |
| □ LSS-DW3 | Lane departure warning system with pilot assist | □ ARMRE-DB | Armrests - Two on the driver seat |
| ■ LCS4 | Side Collision Avoidance Support - Passenger and driver side | □ ARMRE-PB | Armrests - Two on the passenger seat |
| □ LCS5 | Side Collision Avoidance Support - Active support with emergency brake on passenger side. Collision warning on passenger and driver side | □ ARU-BAS | Armrest upholstery - Vinyl |
| ■ DAS-W | Driver Alert Support system | □ ARU-LEA | Armrest upholstery - Leather |
| □ RSENS-W | Rain sensing windscreen wipers | ■ FMAT-RUB | Footwell floor mats - Rubber |
| ■ CU-ECC | Cab climate Unit - Electrically controlled air conditioning with sun sensor | □ FMAT-TX2 | Footwell floor mats - Two sets, Rubber and textile with an embossed pile supplied in the cab |
| □ CU-ECC2 | Cab climate Unit - Electrically controlled air conditioning with a carbon filter, sun, mist, and air quality sensor | □ LBK70 | Lower bunk - Fixed 700 x 2000 mm |
| ■ IGT-BUT | Vehicle starting - Push-button | □ MATL-FI | Lower mattress - Firm pocket sprung |
| ■ IMMOBIL | Immobiliser | □ MATL-SF | Lower mattress - Flexi-zone semi-firm, pocket springs up to 100kg - 16 stone |
| □ ALARM-E | Vehicle alarm - Cab plus external sensor for body/trailer | □ OLMAT-BA | Mattress overlay protector - 35mm thick |
| □ PHONE-PK | Telephone preparation kit (antenna, antenna attachm. cable incl.) | □ OLMAT-PR | Mattress overlay protector - Premium 50mm thick |
| □ ISUNS-BS | Side sun visor - Driver & passenger side | □ TBK60F | Top bunk - Fixed foldable 600 x 1900mm |
| ■ ISUNS-DS | Side sun visor - Driver-side | □ TBK70F | Top bunk - Fixed foldable 700 x 1900mm |
| □ ISUNF-B | Interior front sun visor without mirror | □ PH-CAB2 | Cab parking heater - 1.8kW Air to air |
| □ ISUNF-MD | Interior front sun visor with mirror on driver side | □ PH-ENGCA | Cab parking heater - Engine and cab |
| □ ISUNF-RE | Electrically operated textile interior sun blind | □ PH-SS | Cab parking heater - Short stop |
| ■ ISUNF-RM | Manually operated textile interior sun blind | □ SLCP-BAS | Sleeper control panel - Basic with switches for interior light, night heater, roof hatch and door lock |
| □ ADFS | Two extra DIN slots in front shelf - can be fitted with card or drawer available as an accessory | □ ETSB-F | Storage on engine tunnel - Central document box with two rear cup holders |
| ■ BUPALARM | Reverse alarm | □ ETSB-FR | Storage on engine tunnel - Central document box with two rear cup holders & open storage pocket on cab rear wall |
| □ RTOLL-PK | Road toll PREPARATION kit for trucks operating with "Toll Collect" in Germany | □ ETSB-R | Storage on engine tunnel - Open storage pocket on cab rear wall |
| □ REMC-MF | Multi-functio wireless remote control | □ RUS-BAS | Rear cab upper storage - 300 mm high |
| □ FIREXT3S | Fire extinguisher - 3kg mounted on the seat base | □ RUS-HIG | Rear cab upper storage - 440 mm high - volume 245 litres |
| □ WARNVEST | High visibility warning vest - No sleeves | □ REF-ICPK | Fridge - Engine tunnel mounted preparation kit |
| □ AIDKIT | First aid kit - Legal demand for EU markets including delivery to EU bodybuilder | □ REFR-RUS | Fridge - 28 litre rear upper wall mounted with dividers |
| □ AIDKIT1B | First aid kit - Legal demand for trucks transiting Germany | □ MICRO-PK | Microwave equipment - Wiring preparation kit for oven |
| □ WARNLAMP | Portable warning lamp | □ BOTH-D | Bottle holder - One under dashboard centre section |
| □ LAMP-IN | Inspection lamp | □ COFMA-PK | Coffee maker - Preparation kit. |
| □ BULBKIT | Bulb and fuse kit | ■ INLI-BAS | Interior light - White LEDs |
| □ WRITEPAD | Writing pad | □ INLI-NL | Interior light - White and red nightlight LEDs without dimmer |
| ■ DST-CF4 | Driver seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt | □ INLI-NLD | Interior light - White and red nightlight LEDs with dimmer |
| □ DST-CF5 | Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls with integrated seatbelt | □ ARL-FLEX | Flexible reading lamps - Two "snake" type |
| □ DST-CF6 | Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar, heat and ventilation controls with integrated seatbelt | ■ RH-EE | Fixed tinted glass sky window with emergency exit |
| | | □ RH-ER | Steel roof hatch - Electrically operated, rear opening with emergency exit |
| | | □ RH-ETR | Tinted glass roof hatch - Electrically operated, rear opening with emergency exit |
| | | □ RH-MTR | Tinted glass roof hatch - Manually operated, rear opening with emergency exit |
| | | ■ GLAS-TIN | Cab windows - Tinted |

■ Standard Equipment

□ Optional Equipment

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

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MODEL RANGE

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

| | | | |
|--|---|---|---|
| <input type="checkbox"/> SWIND-BS | Cab side window - On both sides behind 'B' post | <input type="checkbox"/> ASL-RF2 | Integrated roof spotlights - Two LED aerodynamic spot lights in Globetrotter sign box |
| <input type="checkbox"/> SWIND-PS | Cab side window - Left side behind 'B' post | <input type="checkbox"/> BEACOA2F | Roof beacons - Two front roof mounted amber LED |
| <input type="checkbox"/> AWIND-RF | Rear window | <input type="checkbox"/> BEACOA2R | Roof beacons - Two rear roof mounted amber LED |
| <input type="checkbox"/> VANMIR | Vanity mirror - In front shelf | <input type="checkbox"/> BEACON-P | Roof beacons - switch and wiring preparation only |
| <input type="checkbox"/> AS-FUS | Extra shelf in front compartments | <input type="checkbox"/> BEACONA4 | Roof beacons - Four amber LED - two front/ two rear |
| <input type="checkbox"/> INFOT-PK | TV mounting preparation kit - Above the driver's door, includes bracket, electrical and speaker connections | <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 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"/> ACCBR-AP | Front, middle & rear roof mounted accessory brackets |
| | | <input type="checkbox"/> ACCBR-F | Front roof mounted accessory bracket |
| | | <input type="checkbox"/> ACCBR-FM | Front & middle roof mounted accessory brackets |
| | | <input type="checkbox"/> ACCBR-FR | Front & rear roof mounted accessory brackets |
| | | <input type="checkbox"/> ACCBR-M | Middle roof mounted accessory bracket |
| | | <input type="checkbox"/> ACCBR-R | Rear roof mounted accessory bracket |
| | | <input type="checkbox"/> ACCBR-RM | Rear & middle roof mounted accessory brackets |
| | | <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 |
| | | | SUPERSTRUCTURE PREPARATIONS |
| | | <input type="checkbox"/> SRWL-PK | Chassis-mounted working lamps - Side work and reverse lamp preparation and 3 position switch - Max load 280W |
| | | <input type="checkbox"/> SWL-2FW | Chassis-mounted working lamps - Two white front mounted LED lamps |
| | | <input type="checkbox"/> SWL-2RW | Chassis-mounted working lamps - Two white rear mounted LED lamps |
| | | <input type="checkbox"/> SWL-4W | Chassis-mounted working lamps - Four white front and rear mounted LED lamps |
| | | <input type="checkbox"/> SWL-PK | Chassis-mounted working lamps - Side work lamp preparation and 2 position switch - Max load 280W |
| | | <input type="checkbox"/> WLC-H2A | Working lamp back of cab - Two amber LED high mounted |
| | | <input type="checkbox"/> WLC-H2W | Working lamp back of cab - Two white LED high mounted at the back of cab |
| | | <input type="checkbox"/> WLC-PKCH | Working lamp back of cab - Preparation kit - cables and switch |
| | | <input type="checkbox"/> WLC-PKH | Preparation kit, cables and switch for high mounted working lamps back of cab |
| | | <input type="checkbox"/> WLC-PKL | Preparation kit, cables and switch for low mounted working lamps back of cab |
| | | <input type="checkbox"/> WLC-PKLH | Preparation kit - cables and switch for low and high mounted working lamps back of cab. |
| | | <input type="checkbox"/> ECBB-HIG | Bodybuilder module - High level body electrical centre in dash input/output module |
| | | <input checked="" type="checkbox"/> ECBB-MED | Bodybuilder module - Medium level body electrical centre in dash input/output module |
| | | <input type="checkbox"/> BBCHAS1 | One 7-pole connector for Body builder interface |
| | | <input type="checkbox"/> BBCHAS3 | Three 7-pole connectors for Body builder interface |
| | | <input type="checkbox"/> BEPR-T2 | Body builder electrical software preparation for tipper with remote control |
| | | <input type="checkbox"/> EXSTER | External steering control - Volvo dynamic steering and bodybuilder module prepared for external control system, installed and computer by bodybuilder |
| | | <input checked="" type="checkbox"/> TD-LED | Trailer detection with LED sensing |
| | | <input type="checkbox"/> FRFS-BS | Frame rail free space - both sides to give space for crane legs or other equipment |

Standard Equipment Optional Equipment

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- **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)

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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