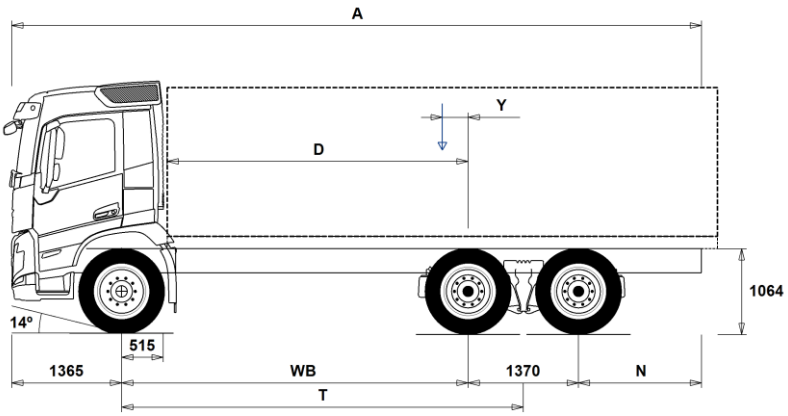
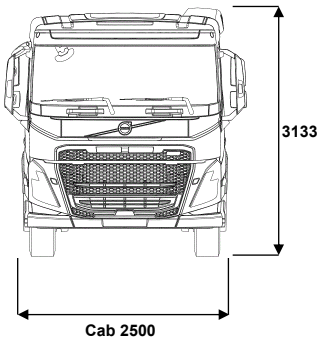
VOLVO

# MODEL RANGE

FM 11 6x4 Rigid - Rear Air Suspension - N3 or N3G FM 64R 1A




## 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.) | -128 | -82 | -55 | -4 | 44 | 72 | 111 | 160 |
| Y | Center of Gravity for Payload (Max.) | 95 | 159 | 197 | 271 | 337 | 381 | 438 | 510 |

## Chassis Weights [kg]

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Front Axle | 4505 | 4490 | 4500 | 4520 | 4510 | 4555 | 4560 | 4585 |
| Rear Bogie | 3205 | 3290 | 3300 | 3355 | 3455 | 3405 | 3430 | 3465 |
| Kerb Weight | 7710 | 7780 | 7800 | 7875 | 7965 | 7960 | 7990 | 8050 |
| Payload (including body, driver, fuel, etc.) | 18290 | 18220 | 18200 | 18125 | 18035 | 18040 | 18010 | 17950 |

## 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 FM64R1A.



Ref: FM 64R 1A 01 GBR 2024-02-28 ENG

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## TRUCK USE

| | | |
|---|---|---|
| □ | **RC-ROUGH** | Road conditions - On / off-road |
| □ | **RC-SMOOT** | 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-XHIG** | 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<br>Designed and built to Swedish impact and ECE R29 regulations |
| □ | **FM-HSLP6** | Cab - Globetrotter sleeper, with steel safety cage design<br>Designed and built to Swedish impact and ECE R29 regulations |
| □ | **FM-LDAY6** | Cab - Low Day - with steel safety cage design<br>Designed and built to Swedish impact and ECE R29 regulations |
| □ | **FM-LSLP6** | Cab - Low sleeper, with steel safety cage design<br>Designed and built to Swedish impact and ECE R29 regulations |
| □ | **FM-SLP6** | Cab - Sleeper, with steel safety cage design<br>Designed and built to Swedish impact and ECE R29 regulations |
| ■ | **EU6SCR** | Emission level - Euro VI step E |
| ■ | **D11S330A** | Engine - New D11K330 10.8 litre engine developing 330hp at 16-1900rpm.<br>Peak torque 1600Nm at 950-1400rpm. |
| □ | **D11S380A** | Engine - New D11K380 10.8 litre engine developing 380hp at 17-1900rpm.<br>Peak torque 1800Nm at 950-1400rpm. |
| □ | **D11S430A** | Engine - New D11K430 10.8 litre engine developing 430hp at 17-1800rpm.<br>Peak torque 2050Nm at 1058-1400rpm. |
| □ | **D11S460A** | Engine - New D11K460 10.8 litre engine developing 460hp at 16-1800rpm.<br>Peak torque 2200Nm at 1050-1400rpm. |
| ■ | **D11K330** | Engine - D11K330 10.8 litre engine developing 330hp at 16-1900rpm.<br>Peak torque 1600Nm at 950-1400rpm. |
| □ | **D11K380** | Engine - D11K380 10.8 litre engine developing 380hp at 17-1900rpm.<br>Peak torque 1800Nm at 950-1400rpm. |
| □ | **D11K430** | D11K430 10.8 litre engine developing 430hp at 17-1800rpm.<br>Peak torque 2050Nm at 1058-1400rpm. |
| □ | **D11K460** | D11K460 10.8 litre engine developing 460hp at 16-1800rpm.<br>Peak torque 2200Nm at 1050-1400rpm. |
| □ | **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 retardation 300kW |
| ■ | **AT2612** | Gearbox - AT2612 12-speed "I-Shift" automated mechanical suitable for gross train weights up to 60 tonne only.<br>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.<br>Refer to sales engineering when used in conjunction with a PTO |
| □ | **PT2106** | Gearbox - Powertronic automatic 6-speed, max. engine torque 2100 Nm, max. permitted GCW 100000 kg |
| □ | **TAAXLIFT** | Rear axle lift for double drive bogie<br>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<br>* 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<br>* 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<br>* 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<br>* Cross locks replaced by a dog clutch if tandem axle lift is specified |

## PACKAGES

| | | |
|---|---|---|
| □ | **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 |
| □ | **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 |
| ■ | **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 |

■ Standard Equipment □ Optional Equipment

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

For all possible options and combinations of options please consult your Volvo sales contact who can create a specification to match your requirements using the Volvo Sales Support system (VSS).

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| | | |
|---|---|---|
| □ | 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 | |
| □ | 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 |
| □ | 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<br>Min volume 255l<br>Max volume 885l |
| ■ | UL-FUEL | Left fuel tank - Without<br>Min volume 160l<br>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 |
| □ | 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 conspiciuty markings on chassis - sideguards, toolbox and rear overhang |
| □ | REST-RUP | |
| ■ | TL-LED | Rear lights - LED |
| ■ | BLIGHT-E | Emergency brake light |

### WHEELS & TYRES

■ Standard Equipment □ Optional Equipment

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

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| | | |
|---|---|---|
| □ | RT-AL | Wheels - Howmet Alcoa brushed aluminium rims - standard holes for long 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 |
| □ | 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 |
| □ | 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<br>Models with 3 steering axles will use this to drive the steering pump (AUXPSP) |
| □ | PTER1400 | Engine power-take-off - Rear-mounted with SAE 1410 flange |
| □ | HPE-F101 | Parker F1-101,engine mounted, fixed displacement, single flow, engine mounted hydraulic pump |
| □ | HPE-F41 | Parker F1-41, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump |
| □ | HPE-F51 | Parker F1-51, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump |
| □ | HPE-F61 | Parker F1-61, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump |
| □ | HPE-F81 | Parker F1-81, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump |
| □ | HPE-T53 | Parker F2-53/53, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump |
| □ | HPE-T70 | Parker F2-70/35, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump |
| □ | HPE-V45 | Parker VP1-45, variable displacement, single flow, engine mounted hydraulic pump |
| □ | HPE-V75 | Parker VP1-75, variable displacement, single flow, engine mounted hydraulic pump |
| □ | PTPT-D | Powertronic PTO, 1 front/upper DIN connection for plug-in pump (max. 850 Nm) |
| □ | PTPT-F | Powertronic PTO, 1 front/upper rear facing SAE flange conn. for prop shaft (max.850 Nm) |
| □ | PTR-D | Gearbox PTO for plug-in pump, 0.71xeng speed |
| □ | PTR-DH | Gearbox driven high speed PTO for one plug-in hydraulic pump |
| □ | PTR-DM | Gearbox driven medium speed PTO for one plug-in hydraulic pump |
| □ | PTR-F | Gearbox driven PTO with rear flange connection |
| □ | PTR-FH | Gearbox driven high speed PTO with SAE drive flange |
| □ | PTR-FL | Gearbox driven low speed PTO with SAE drive flange |
| □ | PTRD-D | Gearbox driven HIGH SPEED PTO for two plug-in hydraulic pumps |
| □ | PTRD-D1 | PTRD-D1 Gearbox driven HIGH SPEED PTO (1 SAE flange & 1 plug-in hydraulic pump) |
| □ | PTRD-D2 | Gearbox driven HIGH SPEED PTO (2 SAE flanges & 1 plug-in hyd pump) |
| □ | PTRD-F | PTO with 1 DIN + 1 flange connection rear, manual gearbox |
| □ | HPG-F101 | Gearbox mounted hydraulic pump - Parker F1-101 hydraulic pump gearbox mounted |
| □ | HPG-F41 | Gearbox mounted hydraulic pump - Parker F1-41 gearbox mounted, fixed displacement, single flow |
| □ | HPG-F51 | Gearbox mounted hydraulic pump - Parker F1-51 gearbox mounted, fixed displacement, single flow |
| □ | HPG-F61 | Gearbox mounted hydraulic pump - Parker F1-61 gearbox mounted, fixed displacement, single flow |
| □ | HPG-F81 | Gearbox mounted hydraulic pump - Parker F1-81 gearbox mounted, fixed displacement, single flow |
| ■ | STWPOS-R | Steering wheel position - RIGHT-HAND DRIVE |
| □ | STWM-LE | Steering wheel - Leather |
| □ | STGW-AD2 | Steering wheel adjustment - Neck tilt, column height and angle |
| ■ | STGW-ADJ | Steering wheel adjustment - Column height and angle |
| ■ | AIRBAG | Driver air bag |
| ■ | DRC-AMII | DPF Regeneration control switch - for manual and switching off regeneration |
| ■ | 1DAYDIG4 | Smart tachograph - Continental VDO 4.1 version 2 - legal demand from 21/08/2023 |
| □ | ARSL | Additional road speed limit - switch in dashboard |

■ Standard Equipment □ Optional Equipment

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# MODEL RANGE

## FM 11 6x4 Rigid - Rear Air Suspension - N3 or N3G FM 64R 1A

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

■ Standard Equipment □ Optional Equipment

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Ref: FM 64R 1A 01 GBR 2024-02-28 ENG

# MODEL RANGE

FM 11 6x4 Rigid - Rear Air Suspension - N3 or N3G FM 64R 1A

## 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 |
| □ | CTILTP-E | Electrically operated hydraulic cab tilt |
| ■ | CTILTP-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 |
| □ | 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 |
| □ | 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 |
| □ | 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. |
| □ | MIRCMS | Camera monitoring and mirrors - Electrically heated and operated main and wide-angle rear view cameras with manually adjusted passenger kerb and front mirror |
| ■ | MIRCOMF | Mirrors - Electrically heated and operated main and wide angle and manually adjusted passenger kerb and front mirror |
| □ | 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 |
| ■ | AMIR-F20 | Auxiliary front view mirror with a 200mm radius |
| □ | SUNV-H | External smoke grey sunvisor |
| □ | AD-ROOF | Cab roof deflector - Adjustable |
| □ | AD-SIDES | Cab side deflector - Short extension panels |
| ■ | HL-LED | Headlights - LED |
| ■ | HL-CLEAN | Headlight cleaner - Washer jets |
| □ | HLP-ST | Headlight protection |
| □ | DRIVL2 | Two spot lamps |
| ■ | UDRIVL | Auxiliary driving lights - Without |
| ■ | FOGL-WC | Front fog lights |
| □ | CL-STAT | Static corner lights |
| □ | ASL-RF2 | Integrated roof spotlights - Two LED aerodynamic spot lights in Globetrotter sign box |
| □ | BEACOA2F | Roof beacons - Two front roof mounted amber LED |
| □ | BEACOA2R | Roof beacons - Two rear roof mounted amber LED |
| □ | BEACON-P | Roof beacons - switch and wiring preparation only |
| □ | BEACONA4 | Roof beacons - Four amber LED - two front/ two rear |
| □ | CABPT-R1 | Single outlet for roof mounted accessories |
| ■ | CABPT-R2 | Twin outlets for roof mounted accessories. |
| □ | SPOTP-F | Spotlamp preparation in front, max 280W |
| □ | SPOTP-R | Spotlamp preparation on roof, max 280W |
| □ | SPOTP-RF | Spotlamp preparation on cab roof and in cab front, max 2x280W |
| □ | ROS-IL2 | Preparation kit for illuminated roof sign with switch loose in cab, fit after registration |
| □ | CSGN-GTR | Cab sign logo - FH "Globetrotter" or FH16 "Power" |
| ■ | HORN-F1S | Horn - Air single tone - chassis mounted |
| □ | HORN-R2S | Horn - Air - Two roof-mounted |
| □ | ANT-CBR | Roof mounted antenna for CB radio, single aerial. Only Globetrotter cabs brings in extra DIN slots. |
| □ | ACCBR-AP | Front, middle & rear roof mounted accessory brackets |
| □ | ACCBR-F | Front roof mounted accessory bracket |
| □ | ACCBR-FM | Front & middle roof mounted accessory brackets |
| □ | ACCBR-FR | Front & rear roof mounted accessory brackets |
| □ | ACCBR-M | Middle roof mounted accessory bracket |
| □ | ACCBR-R | Rear roof mounted accessory bracket |
| □ | ACCBR-RM | Rear & middle roof mounted accessory brackets |
| □ | REFS-CW | White cab conspicuity markings mounted on cab side |
| □ | REFS-TW | White cab conspicuity markings by packed in cab |
| □ | REFS-TY | Yellow cab conspicuity markings by packed in cab |

## 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 |
| □ | SWL-PK | Chassis-mounted working lamps - Side work lamp preparation and 2 position switch - Max load 280W |
| □ | WLC-H2A | Working lamp back of cab - Two amber LED high mounted |
| □ | WLC-H2W | Working lamp back of cab - Two white LED high mounted at the back of cab |
| □ | WLC-PKCH | Working lamp back of cab - Preparation kit - cables and switch |
| □ | WLC-PKH | Preparation kit, cables and switch for high mounted working lamps back of cab |
| □ | WLC-PKL | Preparation kit, cables and switch for low mounted working lamps back of cab |
| □ | WLC-PKLH | Preparation kit - cables and switch for low and high mounted working lamps back of cab. |
| □ | ECBB-HIG | Bodybuilder module - High level body electrical centre in dash input/output module |
| ■ | ECBB-MED | Bodybuilder module - Medium level body electrical centre in dash input/output module |
| □ | BBCHAS1 | One 7-pole connector for Body builder interface |
| □ | BBCHAS3 | Three 7-pole connectors for Body builder interface |
| □ | BEPR-T2 | Body builder electrical software preparation for tipper with remote control |
| □ | EXSTER | External steering control - Volvo dynamic steering and bodybuilder module prepared for external control system, installed and computer by bodybuilder |
| □ | TD-BAS | Trailer detection WITHOUT LED sensing |
| ■ | TD-LED | Trailer detection with LED sensing |
| □ | FRFS-BS | Frame rail free space - both sides to give space for crane legs or other equipment. |
| □ | FBA-BTF | Lower front body attachments for torsionally flexible - platform body |
| □ | FBA-BTSF | Lower front body attachments for torsionally semi-flexible body - box or curtainsider |
| □ | HBA-FSFB | Holes for body attachments - flexible/semi-flexible body |
| □ | HBA-SB | Holes for body attachments - stiff body |
| □ | RBA-T2 | Lower rear body attachments for helper frame |

■ Standard Equipment □ Optional Equipment

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# MODEL RANGE

## FM 11 6x4 Rigid - Rear Air Suspension - N3 or N3G FM 64R 1A

| | | |
|---|---|---|
| □ | **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<br>For mobile phone, tablet, with android and IOS systems.<br>Only available with Volvo Connect subscription |
| □ | **DRUT2** | Driver utility app - "My Truck" - 2 year subscription<br>For mobile phone, tablet, with android and IOS systems.<br>Only available with Volvo Connect subscription |
| □ | **DRUT3** | Driver utility app - "My Truck" - 3 year subscription<br>For mobile phone, tablet, with android and IOS systems.<br>Only available with Volvo Connect subscription |
| □ | **DRUT4** | Driver utility app - "My Truck" - 4 year subscription<br>For mobile phone, tablet, with android and IOS systems.<br>Only available with Volvo Connect subscription |
| □ | **DRUT5** | Driver utility app - "My Truck" - 5 year subscription<br>For mobile phone, tablet, with android and IOS systems.<br>Only available with Volvo Connect subscription |