### Important Notes

**Chassis Dimensions**
- Cab Height: +416 mm for CAB-HSLP, -169 mm for CAB-LSLP, +554 mm for CAB-XHSL.
- Front Axle to Back of Cab: +424 mm for CAB-HSLP and CAB-SLP and CAB-XHSL.
- 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 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 FM42R3HA.

---

**Chassis Weights [kg]**

<table>
<thead>
<tr>
<th>Component</th>
<th>Kerb Weight</th>
<th>Payload (including body, driver, fuel, etc.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Front Axle</td>
<td>4275</td>
<td>11895</td>
</tr>
<tr>
<td>Rear Axle</td>
<td>1830</td>
<td>7600</td>
</tr>
<tr>
<td>Kerb Weight</td>
<td>6105</td>
<td>11875</td>
</tr>
<tr>
<td>Payload (including</td>
<td>11895</td>
<td>11875</td>
</tr>
<tr>
<td>body, driver, fuel,</td>
<td>11895</td>
<td>11875</td>
</tr>
<tr>
<td>etc.)</td>
<td>11895</td>
<td>11875</td>
</tr>
</tbody>
</table>

---

**Plated Weights [kg]**

<table>
<thead>
<tr>
<th>Component</th>
<th>Plated</th>
<th>Design</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gross Vehicle Weight</td>
<td>18000</td>
<td>20100</td>
</tr>
<tr>
<td>Gross Combination Weight</td>
<td>40000</td>
<td>44000</td>
</tr>
<tr>
<td>Front Axle</td>
<td>7100</td>
<td>7100</td>
</tr>
<tr>
<td>Rear Axle</td>
<td>11500</td>
<td>13000</td>
</tr>
</tbody>
</table>

---

**Chassis Dimensions** (mm)

<table>
<thead>
<tr>
<th>Component</th>
<th>WB 3400</th>
<th>WB 3700</th>
<th>WB 4000</th>
<th>WB 4300</th>
<th>WB 4600</th>
<th>WB 4900</th>
<th>WB 5200</th>
<th>WB 5600</th>
<th>WB 6000</th>
<th>WB 6300</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Overall Chassis Length</td>
<td>6780</td>
<td>7110</td>
<td>7510</td>
<td>8010</td>
<td>8510</td>
<td>8960</td>
<td>9460</td>
<td>10060</td>
<td>10660</td>
<td>11210</td>
</tr>
<tr>
<td>D Center of rear axle to front of body</td>
<td>2828</td>
<td>3128</td>
<td>3428</td>
<td>3728</td>
<td>4028</td>
<td>4328</td>
<td>4628</td>
<td>5028</td>
<td>5428</td>
<td>5728</td>
</tr>
<tr>
<td>N Rear Overhang (Min.)</td>
<td>1395</td>
<td>1395</td>
<td>1395</td>
<td>1395</td>
<td>1395</td>
<td>1395</td>
<td>1395</td>
<td>1395</td>
<td>1395</td>
<td>1395</td>
</tr>
<tr>
<td>N Rear Overhang (Max.)</td>
<td>2015</td>
<td>2045</td>
<td>2145</td>
<td>2245</td>
<td>2345</td>
<td>2545</td>
<td>2695</td>
<td>2895</td>
<td>3095</td>
<td>3295</td>
</tr>
<tr>
<td>Y Center of Gravity for Payload (Min.)</td>
<td>653</td>
<td>706</td>
<td>760</td>
<td>813</td>
<td>867</td>
<td>921</td>
<td>976</td>
<td>1047</td>
<td>1116</td>
<td>1178</td>
</tr>
<tr>
<td>Y Center of Gravity for Payload (Max.)</td>
<td>825</td>
<td>893</td>
<td>962</td>
<td>1032</td>
<td>1102</td>
<td>1172</td>
<td>1244</td>
<td>1336</td>
<td>1427</td>
<td>1505</td>
</tr>
</tbody>
</table>

---

**Turning Diameter [mm]**

<table>
<thead>
<tr>
<th>Component</th>
<th>Turning Circle Diameter Kerb to Kerb</th>
<th>Turning Circle Diameter Wall to Wall</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turning Circle Diameter Kerb to Kerb</td>
<td>12400</td>
<td>13900</td>
</tr>
<tr>
<td>Turning Circle Diameter Wall to Wall</td>
<td>14300</td>
<td>15700</td>
</tr>
</tbody>
</table>

---

**Plated Dimensions**

<table>
<thead>
<tr>
<th>Component</th>
<th>Plate Height</th>
<th>Plate Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1485</td>
<td>1046</td>
</tr>
<tr>
<td>B</td>
<td>522</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>1385</td>
<td></td>
</tr>
</tbody>
</table>

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**Weight and dimensions** are based upon the following tyres:
- Front Axle Tyres: 315/80R22.5
- Drive Axle Tyres: 315/80R22.5
The specification can vary from country to country. The factory reserves the right to modify design and change equipment without previous notification. 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).

For a specific loading height always check the unique BEP chassis drawing. For a specific loading height always check the unique BEP chassis drawing.

**CORE COMPONENTS**
- **CHH-HIGH** Chassis height high - N3 "On Road" chassis - For a specific loading height always check the unique BEP chassis drawing.
- **CHH-MED** Chassis height medium - For a specific loading height always check the unique BEP chassis drawing.

**RAD-GR** RAD-GR - 4x2 Air - High
**FM-DAY** Day cab - with steel safety cage design Designed and built to Swedish impact and ECE R29 regulations
**FM-HSLP** Globetrotter cab - with steel safety cage design Designed and built to Swedish impact and ECE R29 regulations
**FM-LSLP** Low sleeper cab - with steel safety cage design Designed and built to Swedish impact and ECE R29 regulations
**FM-SLP** Sleeper cab - with steel safety cage design Designed and built to Swedish impact and ECE R29 regulations
**FM-XHSL** Globetrotter LXL cab - with steel safety cage design Designed and built to Swedish impact and ECE R29 regulations
**EU6SCR** Emission level - Euro 6
**D13 420S** D13K420 12.8 litre engine developing 420hp at 1400rpm. Peak torque 2100Nm at 1000-1400rpm.
**D13 460S** D13K460 12.8 litre engine developing 460hp at 1400rpm. Peak torque 2300Nm at 900-1400rpm.
**D13 500S** D13K500 12.8i engine developing 500hp at 1400-1800rpm. Peak torque 2500Nm at 1000-1400rpm.
**D13K420** D13K420 - 420hp engine
**D13K460** D13K460 - 460hp engine
**D13K500** D13K500 - 500hp engine

**EBR-EPG** Exhaust brake controlled by steering column switch
**EBR-EPGC** Exhaust pressure governor for 1 shift gearbox
**EBR-VEB+** Volvo engine brake + exhaust pressure governor, enhanced performance from additional exhaust rocker control.

**AT2412F** AT2412F 12-speed "I-shift" automated mechanical gearbox suitable for gross train weights up to 44tonne only refer to sales engineering when used in conjunction with a PTO
**AT2612F** AT2612F 12-speed "I-shift" automated mechanical gearbox suitable for gross train weights up to 60tonne only refer to sales engineering when used in conjunction with a PTO
**ATO2612F** ATO2612F 12-speed "I-shift" override automated mechanical gearbox suitable for gross train weights up to 60tonne refer to sales engineering when used in conjunction with a PTO.
**PT2606** Powertronic automatic 6-speed gearbox, max. engine torque 2600Nm, max. permitted GCW 130000kg
**SPO2612** SPO2612 - 12 speed I-shift Dual Clutch automated mechanical gearbox GCW 60tonne

**RSH1370F** RSH1370F hub reduction rear axle with differential lock - design GCW 70 tonne
**RSS1344E** RSS1344E single reduction rear axle with differential lock - design GCW 44tonne
**RSS1352A** RSS1352A single reduction 13 tonne rear axle with differential lock - design GCW 52 tonne
**RSS1356** RSS1356 single reduction rear axle with differential lock - design GCW 56 tonne
**RSS1370A** RSS1370A single reduction 13 tonne rear axle with differential lock - design GCW 70 tonne

**RAR-VE** RC-ROUGH Operating class on/off road
**HC-ROG** RC-SMOOT Operating class highway
**HC-SMOO** GARB-PRE Garbage preparation
**HC-SMOP** TIPP-PRE Tipper vehicle preparation
**HC-TIP** UNIFORM Basic platform vehicle

**PACKAGES**
- **LHFP-VE** Long Haul Fuel Economy driving package
- **LHFP-VE+** Long Haul Fuel Economy plus driving package
- **DRIVEFM** Cab Package: Drive
- **DRIVEFM+** Cab Package: Drive +
- **BEDFM** One bed resting package
- **AUDHIG** High Power Audio system: RDS radio with CD player - also playing MP3/WMA files from CD , with integrated bluetooth phone and USB/LINE inputs. FM/AM antenna, speakers in dashboard, doors, and sleeping compartment.
- **MEDIA** AM/FM Bluetooth radio without CD player. USB and Aux line inputs. Speakers in dashboard, doors, and sleeping compartment. 7" touch screen with personal apps.
- **MEDIANAV** AM/FM Bluetooth radio without CD player. USB and Aux line inputs. Speakers in dashboard, doors, and sleeping compartment. 7" touch screen with personal and professional apps. Dynafeetle vehicle on-board data display with office internet support.
- **VISH15** Visibility Package
- **VISH15+** Visibility Plus Package
- **ASAF15** Active Safety Package
- **RCHAPAC1** Chassis Package Rigid
- **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 tonnes - Ensure that you have checked the tyre load index
- **FAL7.1** Front axle design capacity 7.1 tonnes
- **FAL7.5** Front axle design capacity 7.5 tonnes
- **FAL8.0** Front axle design capacity 8.0 tonnes - Ensure that you have checked the tyre load index
- **FAL8.5** Front axle design capacity 8.5 tonnes
- **FAL9.0** Front axle design capacity 9.0 tonnes - Ensure that you have checked the tyre load index
- **FST-LUB** Lubricated rear shackles on front suspension pins and bushings
- **FSTAB2** Front anti-roll bar medium stiffness
- **FSTAB3** Front stiff anti-roll bar
- **RAL13** Rear axle design capacity 13 tonnes
- **RSTAB3** Rear stiff anti-roll bar
- **ASF-DL1** Air suspension with 1 driving level
- **ASF-DL3** Air suspension with 3 driving levels
- **ACTST-TO** Volvo Dynamic Steering (VDS) with with extra electronic pump and torque overlay

**DRIVECONF** Safe Drive Package
**PST-CONF** Advanced Powertronic Gearbox
**SFP-CONF** Automatic Powertronic Gearbox

**ASAF** Active Safety Package
**ASAF15** Active Safety Package

**Emission levels**
- **EU6**
- **EU7**
- **EU8**
- **EU9**

**DRIVESEL** Drive Selection
**S1344E** Single reduction rear axle with differential lock
**RSH1370F** Hub reduction rear axle with differential lock - design GCW 70 tonne
**FM** Rear axle design capacity 9.0 tonnes

**Technical data**
- **PMA3** Powertronic automatic 3-speed gearbox, max. engine torque 2600Nm, max. permitted GCW 130000kg

**Standard Equipment**
- **Optional Equipment**

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

- **ACTST** Volvo Dynamic Steering (VDS) with with extra electronic pump and torque overlay

The factory reserves the rights to modify design and change equipment without previous notification. The specification can vary from country to country.

Ref: FM 42 R3HA 01 GSR 2019-12-29 ENG
FM 13 4x2 Platform - Rear Air Suspension  

- ASFE-BAS: Active steering feature - Basic - Volvo Dynamic Steering only
- ASFE-PS: Active steering feature - Volvo Dynamic Steering with personal settings
- PSS-SING: Single power steering system
- PSP-FIX: Power steering pump with fixed displacement
- PSP-VAR: Power steering pump with variable displacement
- EBS-MED: EBS medium package including "hill" hold function
- AUXPARK: Additional spring parking brakes
- FBREG-E: Front regulating brake valve, EBS
- SUSPL-EC: Remote electronic control on wander-lead for air suspension levelling

- FRAME266: Frame rail section external height 266 mm
- FRAME300: Frame rail section external height 300 mm
- FST60: Frame thickness - web and flange 6.0mm
- FST70: Frame thickness - web and flange 7.0mm
- FST80: Frame thickness - web and flange 8.0mm
- FIL-EEB: Inner liner from end of engine to end of bogie
- FIL-TXEB: Inner liner from gearbox member to end of bogie
- BBOX-L: Battery box located on left hand side
- BATS-D: Dual energy battery system - 2 living batteries and 2 starter batteries
- BATS-S: Single energy battery system (2 batteries)
- 2BAT210: 2 x 210 Ah capacity Gel batteries
- 2BATT170: 2 x 170 Ah capacity batteries
- 2BATT225: 2 x 225 Ah capacity batteries
- BATTAMP: Battery voltage and amperage gauge
- BATTIND: Battery charge indication
- ADR2: ADR package for transportation of dangerous goods on road (Note does NOT include safe loading pass package if required this is quoted separately)
- MSWI-A: Main switch - ADR switch circuit shut down
- MSWI-C: Main switch - Chassis mounted toggle switch by battery box
- MSWI-R: Main switch - Key top operated remote controlled
- R30A71: Right aluminium 710 mm D-shaped fuel tank, 330 litres volume
- UL-FUEL: Without left fuel tank
- ADTP-L: AdBlue tank on left hand side
- ADTP-R: AdBlue tank on right hand side
- ADB048: AdBlue tank usable volume 48 litres
- ADB064: AdBlue tank usable volume 64 litres
- ADB086: AdBlue tank usable volume 86 litres
- ADB090: AdBlue tank usable volume 90 litres
- ADB100: AdBlue tank usable volume 100 litres
- ADTC-BF: AdBlue tank cover with satin alloy look decorative cover
- FCAP-L: Locking fuel filler cap
- FUFF-AS: Fuel filling anti-spillage device
- FUFF-ATS: Fuel filling anti-theft and anti-spillage devices
- ESH-LEFT: Horizontal silencer, left exhaust outlet
- ESH-REAR: Horizontal silencer, rear exhaust outlet
- ESH-RIGHT: Horizontal silencer, right exhaust outlet
- ESH-VERT: Horizontal silencer, vertical exhaust outlet
- EXST-SSP: Stainless steel exhaust stack - NOT polished
- EXST-ST: Steel exhaust stack
- HS-NAR: Narrow heat shield
- WHC-FIX1: One fixed wheel chock
- WHC-FIX2: Two fixed wheel chocks
- WHC-FO1: One foldable wheel chock
- WHC-FO2: Two foldable wheel chocks
- WHCP-F: Wheel chock(s) stored in the front part of the vehicle
- WHCP-M: Wheel chock(s) stored in the middle part of the vehicle
- WHCP-R: Wheel chock(s) stored in the rear part of the vehicle
- WHCP-T: Transport mounted wheel chock(s) stored in cab outer luggage locker
- PB-R80: Toolbox 800 mm, right side
- SUP-BAS: EC approved chassis side guards
- CHAIN-S: Snow chains
- HOOK-SC: Snow chain hooks
- TOWF-NO1: One front towing device
- TOWF-NO2: Two front towing devices
- TOWMBR: Towing member, high mounted in centre of frame, D = 190
- TOWMBR1: 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 end, lower flange cut for centre axle drawbar.
- RFEC-S: Rear frame end, straight cut for regular platform applications
- RFEC-U: Rear frame end, upper cut for tipper applications.
- C-R4040: Towing coupling, Ringfeder 4040 G-150
- C-R5055: Towing coupling, Ringfeder 5055 G-150
- C-R4040G: Towing coupling, Rockinger 400 G-150 for 40mm eyes
- C-R50G: Rockinger RO 50 50mm for 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: Single 15 pole electrical trailer connector - ADR certified
- TREL7: 7 pole - 24N trailer electrical suzile
- TREL7-7: 24N and 243 trailer electrical suzile
- TBC-DUO: Domatic type air line connectors
- TBC-EC: Palm coupling type air line connectors
- TRBR-HCF: Full pressure hand controlled trailer brake
- 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: Folding EC approved aluminium rear underrun
- RUP-FOSS: Folding & sliding EC approved aluminium rear underrun
- RFEN-D3: Three piece EC approved rear mud wings and spray flaps
- RFEN-T: Rear mud wings, transport mounted
- RH-FAS: Basic rear wing height
- RH-HIG: High rear wing height - higher wing tops
- RH-LOW: Lower rear wing height - shallower wing tops
- ATANK-AL: Aluminium tanks
- ATANK-ST: Steel air tanks
- TL-LED: Rear lights LED
- BLIGHT-E: Emergency brake light

- 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).

The factory reserves the right to modify design and change equipment without previous notification. The specification can vary from country to country.
The specification can vary from country to country. Volvo Sales Support system (VSS).

For all possible options and combinations of options please consult your Volvo sales contact who can create a specification tailored to your needs. For more detailed information about cab and powertrain equipment, please refer to separate specification sheets.

For 3 steering axles use this to drive the steering pump (AXU-PSP):

- **EST-AID** Air inlet manifold starting heater element
- **220EBH15** 220/1.5kW electric engine block heater
- **PTER-100** Rear engine mounted power-take-off with DIN 100 / ISO 7646 flange
- **PTER-DIN** Rear engine mounted PTO with DIN5462 (female) splined shaft for a close coupled pump.

Models with 3 steering axles will use this to drive the steering pump (AXU-PSP):

- **PTER01** Rear engine mounted power-take-off 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-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)

Gearbox PTO for plug-in pump, 0.71xeng speed:

- **PTD** 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

Gearbox driven PTO with rear flange connection:

- **PTR-F** Gearbox driven PTO with rear flange connection
- **PTR-FH** Gearbox driven high speed PTO with SAE drive flange

Gearbox driven high speed PTO with SAE drive flange:

- **PTR-F1** Gearbox driven high speed PTO with SAE drive flange
- **PTR-D** Gearbox driven HIGH SPEED PTO for two plug-in hydraulic pumps

Gearbox driven HIGH SPEED PTO (1 SAE flange & 1 plug-in hydraulic pump):

- **PTR-D1** Gearbox driven HIGH SPEED PTO (1 SAE flange & 1 plug-in hydraulic pump)
- **PTR-D2** Gearbox driven HIGH SPEED PTO (2 SAE flanges & 1 plug-in hydraulic pump)

Standard Equipment

- **WCAP** Aerodynamic hub caps
- **BRRE002** Bridgestone Ecopia H 002 Evo - Tyre recommendation 2
- **CORE001** Continental ECOPLUS HS3 XL/HD3 - Energy rating B or C depending on size
- **CORE002** Continental ECOPLUS HS3/HD3 - Energy rating B or C depending on size
- **CORE003** Continental Efficient Pro S/D - Fuel Tyre Recommendation 3

For reduced mileage compared to Conti EcoPlus long haul pattern please consider when selecting these tyres.

- **GYRE002** Goodyear FUELMAX S/D - Energy rating B or C depending on size
- **GYRE004** Goodyear FUELMAX S - Energy rating B depending on size
- **HARE001** Hankook AL10+ E-Cube Max Long Haul Tyre - Energy rating B
- **HARE002** Hankook AL10+ E-Cube Long Haul Tyre - Energy rating B with wide single

- **MIRE001** Michelin XFA2/X-LINE Energy - Fuel tyre Recommendation 1
- **MIRE002** Michelin XZA2/X-Line Energy - Fuel Tyre Recommendation 2
- **MIRE003** Michelin X-LINE Energy - Fuel tyre Recommendation 3
- **MIRE004** Michelin X Line Energy F/D2 - Energy rating A
- **PIREC01** Pirelli FH.01 Proway - Long Haul Tyre - Energy rating B
- **PIREC02** Pirelli FH.01 II Long Haul Tyre - Energy rating B with wide single

**DRIVELINE EQUIPMENT**

- **ASO-C** Crawler gear - Ratio direct top gearbox 19:1
- **ASO-UIC** Ultra low crawler and crawler gear - Ratios direct top gearbox 32:1 and 19:1
- **TRAP-HD** Reinforced gearbox application
- **TPC-CON** Construction Package
- **TPDI** Package
- **TP-LONG** Long Haul Package
- **AMSO-AUT** Enhanced I-shift software with manual shift available in auto mode and kickdown facility on accelerator pedal
- **AVO-ENH** Enhanced software for off road driveability and starting
- **APF-ENH** I-shift enhanced PTO functions
- **RET-TH** Gearbox mounted retarder
- **RET-TPT** Hydraulic Retarder for Powertronic gearbox
- **TC-HW** Automatic gearbox oil cooler - water to oil
- **TC-MAOH2** Extra high performance transmission oil cooler - air to oil with front mounted radiator
- **TC-MW** Basic transmission oil cooler - water to oil
- **1COMP30** Single cylinder, air compressor, 530 litres per minute
- **2COMP11** Two cylinder, air compressor, 1100 litres per minute
- **2COMP600** Two cylinder, air compressor, 900 litres per minute
- **CLU-AIRC** Clutchable air compressor
- **AIRON-HI** Roof mounted air intake behind cab on left hand side
- **AIRON-LO** Low level air intake behind cab on left hand side
- **ACL1ST-S** Two stage air filter

- **24AL110B** 110 amp alternator
- **24AL210B** 120 amp alternator
- **24AL510B** 150 amp alternator
- **CCV-C** Closed crankcase engine ventilation
- **CCV-O** Open crankcase engine breather
- **CCV-OX** Closed crankcase ventilation for cold markets
- **PRIM-EL** Electrical priming pump
- **PRIM-MAN** Manual priming pump
- **FUE-EW** Fuel line electric heater
- **AF-R** Hot fuel recirculation heated fuel filter
- **FUEFE2L** Large engine mounted dual fuel filter with water separator
- **FUEFE2SW** Small engine mounted dual fuel filter with water separator
- **EST-AID** Air inlet manifold starting heater element
- **220EBH15** 220/1.5kW electric engine block heater
- **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-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
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- **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-D** Gearbox driven HIGH SPEED PTO for two plug-in hydraulic pumps
- **PTR-D1** Gearbox driven HIGH SPEED PTO (1 SAE flange & 1 plug-in hydraulic pump)
- **PTR-D2** Gearbox driven HIGH SPEED PTO (2 SAE flanges & 1 plug-in hydraulic pump)
- **PTR-F** PTO with 1 DIN + 1 flange connection rear, manual gearbox
- **HPG-F101** Parker F1-101 gearbox mounted, fixed displacement, single flow, hydraulic pump
- **HPG-F41** Parker F1-41 gearbox mounted, fixed displacement, single flow, hydraulic pump
- **HPG-F51** Parker F1-51 gearbox mounted, fixed displacement, single flow, hydraulic pump
- **HPG-F61** Parker F1-61 gearbox mounted, fixed displacement, single flow, hydraulic pump
- **HPG-F81** Parker F1-81 gearbox mounted, fixed displacement, single flow, hydraulic pump

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).

The factory reserves the right to modify design and change equipment without previous notification. The specification can vary from country to country.
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For vehicles with long lead time of

This tachograph can ONLY offer remote download if the option of

SRS Driver’s air bag

Adjustable steering wheel

RIGHT HAND DRIVE

grey and door panels in light beige for FH and black for FH16.

Leather upholstered armrest

Vinyl upholstered armrest

Two armrests, on driver seat only

Passenger seat belt pretensioner

Driver seat belt pretensioner

Red seat belts

Driver seat belt pretensioner

Passenger seat - Fixed non suspended fold up with seatbelt mounted in cab

Passenger seat - Comfort suspended with seatbelt mounted in seat

Passenger seat - Fixed non suspended with seatbelt mounted in cab

Passenger seat - Standard suspended with seatbelt mounted in cab

Passenger seat belt pretensioner

Two armrests on driver seat and one (outer) on passenger seat

Two armrests on both driver and passenger seat.

Two armrests, on driver seat only

Two armrests, on passenger seat only

Single armrest (next to driver) on passenger seat

Vinyl upholstered armrest

Leather upholstered armrest

This tachograph can ONLY offer remote download if the option

of

This tachograph can ONLY offer remote download if the option of

Dynafleet or an FMS gateway has been specified with this order.

For updating to new legal demand for trick registration from 15th June 2019.

This tachograph can ONLY offer remote download if the option of

Dynafleet or an FMS gateway has been specified with this order.
The specification can vary from country to country.

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

- **Standard Equipment**
- **Optional Equipment**

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**FM 13 4x2 Platform - Rear Air Suspension**

**FM 42 R3HA**

- **PAICS-C** Complete cab - mirrors, insteps, sunvisor, and bumper supplied in natural finish - grey
- **GLAS-TIN** Tinted windows.
- **AWIND-RF** Rear window
- **DGLAS-L** Laminated door glass
- **LOCK-MAN** Manual door locking
- **LOCK-MRP** Manual door locking with internal remote control (from driver side) of passenger door
- **LOCK-REM** Central locking with remote control
- **BUMP-B** Plastic front bumper
- **BUMP-D2** Steel front bumper
- **BUMP-SP** Front bumper spoiler
- **GUARD-EH** Engine guard to protect sump and engine hoses
- **BUGNET** Insect screen in front of radiator
- **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
- **MIRCOMF2** Electrically heated and operated FMX style main and wide-angle mirror on both sides, with manual passenger kerb mirror. To increase direct vision to the side the main mirrors have no cowlings
- **MIRCOMFM** Electrically heated and operated main with manual wide-angle mirror - both sides - and passenger kerb mirror
- **MIRSTD2** Electrically heated - FMX - main with wide angle mirror on both sides and kerb view mirror on passenger side, to increase direct vision to the side the main mirrors have no cowlings
- **MIRSTDFM** Electrically heated main mirror with wide angle mirror on both sides and kerb view mirror on passenger side
- **AMIR-F20** Auxiliary front view mirror with a 200mm radius
- **SUNV-H** External smoke grey sunvisor
- **AD-ROOF** Roof air deflector
- **AD-SIDEL** Side air deflector extension panels
- **AD-SIDES** Short cab side air deflector for rigid bodywork
- **HL-BASIC** Halogen H7 head lamps
- **HL-BHID** High intensity Bi-Xenon head lamps
- **HL-DBL** Bi-Xenon high intensity discharge and dynamic head lamps. Dipped beam follows the road, activated by a signal from the steering system.
- **HL-CLEAN** Head lamp cleaner - washer jets
- **HLP-ST** Headlamp protection
- **HL-ADJ** Headlight adjustment - Switch in cab
- **DRVL2** Two spot lamps
- **UDRVL** Without auxiliary driving lights
- **FOGL-WC** Front fog lights
- **CL-STAT** Static corner lights
- **ASL-RF2** Two Hella H11 70W spotlamps in sign box - only available with the basic headlight and no lower driving lights.
- **ASL-RPKK** Preparation kit for two spotlamps in sign box
- **BEACOA2F** Two front roof mounted amber beacon rotating warning lamps
- **BEACOA2R** Two rear roof mounted (on accessory bracket) amber beacon flashing warning LED lamps
- **BEACON-P** Roof beacon wire preparation
- **BEACON4** Four roof mounted (2 front/2 rear) amber beacon rotating warning lamps
- **CABPT-R1** Single outlet for roof mounted accessories
- **CABPT-R2** Twin outlets for roof mounted accessories.

### CAB EXTERIOR

- **PAICS-B** Basic cab paint - mirrors, sunvisor, instep, and bumper supplied in natural finish - grey
- **OLMAT-BA** 35mm mattress overlay protector
- **OLMAT-PR** 50mm premium mattress overlay protector
- **TBK60F** Fixed foldable top bunk 600 x 1900mm
- **TBK70F** Fixed foldable top bunk 700 x 1900mm
- **PH-CAB2** 1.8kW Air to air night heater
- **PH-ENGCC** Engine and cab night heater
- **PH-SS** Short stop heater
- **SLCP-BAS** Basic sleeper control panel - includes interior light, parking heater, roof hatch and door lock
- **SAFE** Safe box for driver's personal items
- **ETSB-F** Storage on engine tunnel - on front top
- **ETSB-FR** Storage on engine tunnel - on front top and at rear cab wall
- **ETSB-FRS** Storage on engine tunnel - on front top & at rear cab wall & storage recessed into tunnel on right hand side
- **ETSB-FL** Storage on engine tunnel - on front top and storage recessed into tunnel on right hand side
- **ETSB-R** Storage on engine tunnel - box at rear cab wall
- **ETSB-RR** Storage on engine tunnel - at rear cab wall and storage recessed into tunnel on right hand side
- **ETSB-S** Storage on engine tunnel - recessed into tunnel on right hand side
- **RUS-BAS** Rear cab upper storage 154 litres - 300 mm high
- **RUS-H** Rear cab upper storage 245 litres - 440 mm high
- **TABLE** Folding and height adjustable table - on lower bunk
- **REF-ICPK** Fridge: engine tunnel mounted preparation kit
- **REFR-RUS** Fridge: 28 litre rear upper wall mounted with dividers
- **MICRO-PK** Preparation kit for microwave oven (wiring)
- **BOTH-D** One bottle holder under dashboard center section
- **COFMA-PK** Coffee maker, preparation kit.
- **INLI-BAS** Interior white LED lights - basic
- **INLI-NL** Interior white and red night LED light with no dimmer
- **INLI-NLD** Interior white and red night LED light with dimmer
- **ARL-FLEX** Two flexible reading lamps (snake lamps)
- **RH-ECS** Glass roof & escape hatch - Electrically operated
- **RH-EE** Glass roof & escape hatch - Tinted glass emergency exit ONLY
- **RH-ETR** Glass roof & escape hatch - Electrically operated, tinted glass with rear opening
- **RH-MSR** Steel roof & escape hatch - Manually operated with rear opening
- **RH-MTR** Glass roof & escape hatch - Manually operated, tinted glass with rear opening
- **URH** Without roof hatch
- **SWIND-BS** Extra side window on both sides behind "B" pillar
- **SWIND-PS** Rear side window, passenger side
- **VANMR** Vanity mirror in front shelf
- **AS-FUS** Extra shelf in front upper storage compartments
- **INFOT-PK** Preparation kit for the mounting of a flat screen TV in cab above the driver's door, includes bracket, electrical and speaker connections

Ref: FM 42 R3HA 01 GBPR 2019-12-09 ENG
The specification can vary from country to country. The factory reserves the right to modify design and change equipment without previous notification.

Volvo Sales Support system (VSS).

For all possible options and combinations of options please consult your Volvo sales contact who can create a specification tailored to your requirements.

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

**SUPERSTRUCTURE PREPARATIONS**

- **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** Tail lift 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** GSM/GPRS/4G modem, LTE & WLAN for telematics gateway
- **FMS-PK** Fleet Management System gateway

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**FM 13 4x2 Platform - Rear Air Suspension**

- **FMS** Fleet Management System
- **AUXL** AUX Switch Kit
- **AESW2** AES Switch Kit
- **AUXSW-4** AUX Switch Kit
- **CRANEPK4** Crane Plates Kit
- **4GWL** 4G Modem
- **AESW2PK** AES Switch Kit
- **AUXSW-4** AUX Switch Kit
- **CRANEPK4** Crane Plates Kit

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**DELIVERY SERVICES**

- **TGW-4GWL** GSM/GPRS/4G modem, LTE & WLAN for telematics gateway
- **FMS-PK** Fleet Management System gateway

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**SUPERSTRUCTURE PREPARATIONS**

- **SRWL-PK** Wiring preparation for side & rear work/reverse lamps on side of chassis and a three-position switch, maximum 280W
- **SWL-2FW** Two H3 70W white front chassis mounted (LH/RH side) working lamps and a 2-position switch (On/Off)
- **SWL-2RW** Two H3 70W white rear chassis mounted (LH/RH side) working lamps and a 2-position switch (On/Off)
- **SWL-4W** 4 H3 70W white front (2) & rear (2) chassis mtd (LH/RH side) working lamps & 2-pos switch (On/Off)
- **SWL-PK** Wiring preparation for side work/reverse lamps on side of chassis and a three-position switch, maximum 280W
- **WLC-HZA** Two H3/70W working lamps with amber coloured lens high mounted back of cab
- **WLC-HZW** Two H3/70W white working lamps high mounted on the back of cab
- **WLC-PKH** Preparation kit (cables and switch) for cab mounted chassis working lamp
- **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-BAS** Body builder electrical centre without body builder module
- **ECBB-HIG** Body builder electrical centre with body builder 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, with VDS and bodybuilder module
- **BD-BAS** Trailer detection WITHOUT LED sensing
- **BD-LED** Trailer detection with LED sensing
- **FRBS-BS** Frame rail free space on both sides to give space for crane legs or other equipment.
- **FBA-BTF** Lower front body attachments for torsionally flexible - platform body
- **FBA-BTSE** 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
- **CRANE PK1** Crane plates mounted to frame, for cranes up to 10 tonne metre capacity
- **CRANE PK2** Crane plates mounted to frame, for cranes up to 20 tonne metre capacity

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**VOLVO**

Volvo Truck Corporation

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