**Important Notes**

**Chassis Dimensions**
- Cab Height: -115 mm for L1EH1, +404 mm for L2H2, +542 mm for L2H3.
- 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.
- 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: 295/80R22.5
- Drive Axle Tyres: 295/80R22.5

**Chassis Weight includes oil, water, 70 litres fuel and without driver. Kerb weight can vary ± 1.5%.

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 3199872.

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**Chassis Dimensions [mm]**

<table>
<thead>
<tr>
<th>WB Wheelbase</th>
<th>3900</th>
<th>4300</th>
<th>4600</th>
<th>4900</th>
<th>5200</th>
<th>5600</th>
<th>5700</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Overall Chassis Length</td>
<td>8755</td>
<td>9405</td>
<td>9855</td>
<td>10055</td>
<td>10805</td>
<td>10655</td>
<td>11855</td>
</tr>
<tr>
<td>D Centre of rear axle to front of body</td>
<td>2904</td>
<td>3304</td>
<td>3604</td>
<td>3904</td>
<td>4204</td>
<td>4604</td>
<td>4704</td>
</tr>
<tr>
<td>N Rear Overhang (Min)</td>
<td>1225</td>
<td>1225</td>
<td>1225</td>
<td>1225</td>
<td>1225</td>
<td>1225</td>
<td>1225</td>
</tr>
<tr>
<td>N Rear Overhang (Max)</td>
<td>2125</td>
<td>2375</td>
<td>2525</td>
<td>2425</td>
<td>2675</td>
<td>2325</td>
<td>3425</td>
</tr>
<tr>
<td>T Theoretical Wheelbase</td>
<td>4585</td>
<td>4985</td>
<td>5285</td>
<td>5585</td>
<td>5885</td>
<td>6285</td>
<td>6385</td>
</tr>
<tr>
<td>Y Centre of Gravity for Payload (Min)</td>
<td>-167</td>
<td>-124</td>
<td>-92</td>
<td>-60</td>
<td>-33</td>
<td>10</td>
<td>18</td>
</tr>
<tr>
<td>Y Centre of Gravity for Payload (Max)</td>
<td>-167</td>
<td>-124</td>
<td>-92</td>
<td>-60</td>
<td>-33</td>
<td>10</td>
<td>18</td>
</tr>
<tr>
<td>W Body Length (Min)</td>
<td>6142</td>
<td>6857</td>
<td>7392</td>
<td>7928</td>
<td>8420</td>
<td>9060</td>
<td>9220</td>
</tr>
<tr>
<td>W Body Length (Max)</td>
<td>6142</td>
<td>6857</td>
<td>7392</td>
<td>7928</td>
<td>8420</td>
<td>9060</td>
<td>9220</td>
</tr>
</tbody>
</table>

**Chassis Weights [kg]**

- Front Axle: 4875, 4890, 4900, 4910, 4955, 4955, 4975
- Rear Bogie: 3525, 3560, 3595, 3620, 3780, 3755, 3845
- Kerb Weight: 8400, 8450, 8495, 8530, 8735, 8710, 8820
- Payload (including body, driver, fuel etc): 19700, 19650, 19605, 19570, 19365, 19390, 19280

**Turning Circle Diameter [mm]**

- Turning Circle Diameter Kerb to Kerb: 15800, 17000, 17900, 18800, 19800, 21000, 21300
- Turning Circle Diameter Wall to Wall: 17500, 18700, 19600, 20500, 21500, 22700, 23000

**Plated Weights [kg]**

- Gross Vehicle Weight: 28100
- Gross Combination Weight: 44000
- Front Axle: 7100
- Rear Bogie: 21000

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FH 6X4

FH 400-520 HP 6x4 Low rigid rear air susp.

Model Code: FH 64R B3LP

VOLVO
Core components

- L1EH1 Day cab
- L2H1 Sleeper cab
- L2H2 Sleeper cab
- L2H3 Sleeper cab with high roof, Globetrotter
- D13A400 Diesel engine, 13 litre, 400 hp, 2000 Nm, version A.
- D13A440 Diesel engine, 13 litre, 440 hp, 2200 Nm, version A.
- D13A480 Diesel engine, 13 litre, 480 hp, 2400 Nm, version A.
- D13A520 Diesel engine, 13 litre, 520 hp, 2500 Nm, version A.
- CCV-C Closed crankcase ventilation.
- EBR-EPG Engine brake, exhaust pressure governor
- EBR-VEB Engine brake, Volvo Engine Brake (incl. exhaust pressure governor)
- V2009 Manual range gearbox 2000 Nm, 9 speed
- V2214 Manual split range gearbox 2200 Nm, 14 speed
- V2412AT I-shift, 12 speed, 2400 Nm, max. permitted GCW 44000 kg, fully automatically controlled electronically configured gearshift and clutch, without clutch pedal.
- V2512AT I-shift, 12 speed, 2500 Nm, max. permitted GCW 60000 kg, fully automatically controlled electronically configured gearshift and clutch, without clutch pedal.
- V2514 Manual split range gearbox 2450 Nm, 14 speed
- V02214 Manual split range gearbox 2200 Nm with overdrive, 14 speed
- TP-DICON Distribution and Construction optimized gear changing software
- TP-FUEC Fuel optimized gear changing software
- CD388-O Double disc clutch, diameter 388 mm
- CD408-O Double disc clutch, diameter 394 mm
- CS43B-O Single disc clutch, diameter 430 mm
- CS43B-OR Single disc clutch, diameter 430 mm, reinforced; version B
- FALT.7 Front axle load 7.1 tonnes
- FALT.7.5 Front axle load 7.5 tonnes
- FST-AR Front air suspension
- FSTAB Front stabilizer, normal stiffness
- RADD-A8 Rear air suspension (6x4/8x4), 8 bellows
- RTS2370A Rear single reduction tandem, bogie load 23 tonnes, GCW 70 tonnes
- RAL21 Bogie load 21 tonnes
- RST-AR2R Rear air suspension, generation 2
- RSTAB1 Rear stabilizer, medium stiffness
- RSTAB3 Rear stabilizer, medium stiffness
- RALIM105 Rear axle load limiter, 10.5 tonnes
- RALIM95 Rear axle load limiter, 9.5 tonnes

Packages

- CBL1-BA3 Ease cab package
- CBL2-BA3 Comfort cab package
- CBL3-BA3 Prestige cab package
- ISCL2-B3 Comfort cab package, Israel
- ISCL3-B3 Prestige cab package, Israel
- ARC1-H1 Arctic sleeper cab (L2H1) package for one person.
- ARC1-H2 Arctic sleeper Globetrotter cab (L2H2) package for one person.
- ARC2-H2 Arctic sleeper Globetrotter cab (L2H2) package for two persons.
- ARC2-H3 Arctic sleeper Globetrotter XL cab (L2H3) package for two persons.
- ARC3-H2 Arctic sleeper/office/dinette Globetrotter (L2H2) cab package for one person.
- ARC3-H3 Arctic sleeper/office/dinette Globetrotter XL (L2H3) cab package for one person.
- LIV1-H1 Sleeper cab (L2H1) package for one person.
- LIV1-H2 Sleeper Globetrotter cab (L2H2) package for one person.
- LIV2-H2 Sleeper Globetrotter cab (L2H2) package for two persons.
- LIV2-H3 Sleeper Globetrotter XL cab (L2H3) package for two persons.
- LIV3-H2 Sleeper/office/dinette Globetrotter (L2H2) cab package for one person.
- LIV3-H3 Sleeper/office/dinette Globetrotter XL (L2H3) cab package for one person.

- AUDI01 Audio package: cassette player & CD change function & speakers
- AUDI02 Audio package: CD player & CD change function & speakers
- AUDI03 Audio package: CD & CD change function & cassette player & speakers

Truck use

- ADR1 ADR adaptation, transportation of dangerous goods, 1 switch.
- ADR2 ADR adaptation, transportation of dangerous goods, 2 switches.
- STWPOS-L Left hand drive
- STWPOS-R Right hand drive

Chassis

- BRAKE-DV Volvo disc brakes
- EBS-MED EBS medium package
- EBS-STD EBS standard package
- ABS-ABS ABS, Anti-lock/electronic brake system
- SUSPL-EC Suspension levelling, electronic control system
- FRAME88 Frame section thickness 8 mm
- FIL-TXEB Inliner from transmission member to bogie end.
- FRAMELOW Frame rail section height, 266 mm
- FRACLQOS Frame end closing
- BBOX-L Battery box on left hand side
- 2BAT110 Batteries 2x170 Ah
- 2BAT225 Batteries 2x225 Ah
- R315A56 Right aluminium 560 mm D-shaped fuel tank, 315 litres volume
- UL-FUEL Without left fuel tank
- UL-FUEL Max volume 165l
- UL-FUEL Max volume 545l
- FUEL-TIL Filter for breather pipe on fuel lever sender device
- ESH-LFT Muffler horizontal, left exhaust outlet
- ESH-REAR Muffler horizontal, rear exhaust outlet
- ESH-VERT Muffler vertical, horizontal exhaust outlet on right hand side
- ESH-VERT Muffler vertical, vertical exhaust outlet on right hand side
- EXSH-STX Extra exhaust heat shield
- SWCP-LF Spare wheel carrier, on left hand side
- SWCP-P Spare wheel carrier, on left hand side behind rear axle
- SWCP-T Spare wheel supplied temporarily strapped to chassis
- SWCP-TP Temporarily spare wheel carrier on top of chassis frame
- LUB-CENT Central lubrication
- WHCHOCK2 Two wheel chocks
- TB-R80 Toolbox 800 mm, right side
- SUP-BAS Standard side undertrun protection
- CHAIN-S Snow chains
- HOOK-SC Snow chain hooks
- TOWMBR1 Towing member, medium mounted under the frame (position 1).
- TOWMBR2 Towing member, low and forward mounted under the frame (position 2).
- TOWMBR3 Towing member, low and far forward mounted under the frame, (position 3).
- TOWMBRM Towing member, medium mounted in line with frame lower flange.
- C-R1240 Towing coupling, Ringfeder 2040
- C-R1250 Towing coupling, Ringfeder 2050
- C-R1250 Towing coupling, Ringfeder R125G
- C-R1250 Towing coupling, Rockinger 400 G-150
- C-R1250 Towing coupling, Rockinger 500 G6
- C-R1250 Towing coupling, VBG 750

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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Volvo Truck Corp
S-40508 Göteborg, Sweden
www.volvo.com

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