**Important Notes**

**Chassis Dimensions**
- Cab Height: -115 mm for L1EH1, +404 mm for L2H2, +542 mm for L2H3.
- Front Axle to Back of Cab: -436 mm for L1EH1.
- 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.
- 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.

**Chassis Weights [kg]**
- Front Axle: 4880
- Rear Bogie: 3535
- Kerb Weight: 8415
- Payload (including body, driver, fuel etc): 19685

**Turning Circle Diameter [mm]**
- Turning Circle Diameter Kerb to Kerb: 15800
- Turning Circle Diameter Wall to Wall: 17500

**Plated Weights [kg]**
- Gross Vehicle Weight: 28100
- Gross Combination Weight: 44000
- Front Axle: 7100
- Rear Bogie: 21000

**Chassis Dimension [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>10305</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>2675</td>
<td>2875</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>-168</td>
<td>-125</td>
<td>-93</td>
<td>-66</td>
<td>-66</td>
<td>-66</td>
<td>9</td>
</tr>
<tr>
<td>Y Centre of Gravity for Payload (Max)</td>
<td>9</td>
<td>17</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>W Body Length (Min)</td>
<td>6144</td>
<td>6858</td>
<td>7394</td>
<td>7940</td>
<td>8420</td>
<td>9060</td>
<td>9220</td>
</tr>
<tr>
<td>W Body Length (Max)</td>
<td>6144</td>
<td>6858</td>
<td>7394</td>
<td>7940</td>
<td>8420</td>
<td>9060</td>
<td>9220</td>
</tr>
</tbody>
</table>

**Important Notes**

- 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.
Core components
- L1EH1: Day cab
- L2H1: Sleeper cab
- L2H2: Sleeper cab with high roof, Globetrotter
- L2H3: Sleeper cab with extra high roof, Globetrotter XL
- D12D380: Diesel engine, 12 litre, 380 hp, 1850Nm, version D
- D12D420: Diesel engine, 12 litre, 420 hp, 2000 Nm, version D
- D12D460: Diesel engine, 12 litre, 460 hp, 2200 Nm, version D
- D12D500: Diesel engine, 12 litre, 500 hp, 2400 Nm, version D
- D12F390: Engine, 12 litre, 390 hp, 2040 Nm.
- D12F430: Engine, 12 litre, 430 hp, 2180 Nm.
- D12F500: Engine, 12 litre, 500 hp, 2400 Nm.
- 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
- V2412S: L-shift, 12 speed, 2400 Nm, max. permitted GCW 44000 kg, fully automated electronically controlled 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
- V02514: Manual split range gearbox 2450 Nm with overdrive, 14 speed
- TP-COMF: Drive comfort gear changing software
- TP-FECOM: Drive & fuel optimized gear changing software
- TP-FUEC: Fuel optimized gear changing software
- CD388-B: Double disc clutch, diameter 388 mm
- CD408-B: Double disc clutch, diameter 408 mm
- CS438-B: Single disc clutch, diameter 430 mm
- CS438-B: Single disc clutch, diameter 430 mm, reinforced; version B
- FALT7.1: Front axle load 7.1 tonnes
- FALT7.5: Front axle load 7.5 tonnes
- FST-AR: Front air suspension
- FSTAB: Front stabilizer, normal stiffness
- RAD6-A6: Rear air suspension (6x4/8x4), 8 bellows
- RSTS370A: Rear single reduction tandem, bogie load 23 tonnes, GCW 70 tonnes
- RAL21: Bogie load 21 tonnes
- RST-AR: Rear air suspension, generation 2
- RSTAB1: Rear stabilizer, normal stiffness
- RSTAB3: Rear stabilizer, medium stiffness
- RALIM105: Rear axle load limiter, 10.5 tonnes
- RALIM95: Rear axle load limiter, 9.5 tonnes

Packages
- CBL1-B2A: Ease cab package
- CBL2-B2A: Comfort cab package
- CBL3-B2A: Prestige cab package, Israel
- ISCL2-BZ: Comfort cab package, Israel
- ISCL3-BZ: Prestige cab package, Israel
- ARC1-H2: Arctic sleeper cab (L2H1) package for one person.
- ARC2-H2: Arctic sleeper Globetrotter cab (L2H2) package for one person.
- ARC2-H3: Arctic sleeper Globetrotter XL cab (L2H3) package for two persons.
- ARC3-H2: Arctic sleeper/office/dinette Globetrotter cab (L2H2) package for one person.
- ARC3-H3: Arctic sleeper/office/dinette Globetrotter XL cab (L2H3) 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 cab (L2H2) package for one person.
- LIV3-H3: Sleeper/office/dinette Globetrotter XL cab (L2H3) package for one person.

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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The factory reserves the right to modify design and change equipment without previous notification. Specification to match your requirements using the Volvo Sales Support system (VSS).

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 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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