**Operating Dimensions**

- Door Opening: 34in (864mm)
- Table Height: 35in (889mm)
- Coolant tank: 95-gallon (360 liter)
- CABCOOL option: 12in (305mm)
- VF-2 Revision A

**Shipping Dimensions**

- Control mounted on top for shipping
- Spindle Head as Shipped: 86in (2184mm)
- Cable Carrier: 94in (2388mm)
- Leveling Pads: 3.5in (89mm)

Convenience package removed; Contact your local Haas Factory Outlet for further breakdown information.

*Due to continual product improvements, machine dimensions are subject to change without notice.*
Anchor Pattern

Note:
Foundation must extend at least 12in (305mm) from bored holes

Air and Power Inlets

*Due to continual product improvements, machine dimensions are subject to change without notice.*
**X/Y Axis Clearances**

- 86in (2184mm) Enclosure Usable Work Space
- 40in (1016mm) Enclosure Usable Work Space
- 0.5in (13mm) Spindle
- 3in (76mm) 1in (25mm) 14.5in (368mm) 16in (406mm) Y-axis Travel
- 7in (178mm) 3in (76mm) 30in (762mm) X-axis Travel

1. The table shown is at XY home, the dashed line is the table at max XY travels
2. Measurements are from the edge of the table to the nearest obstruction
3. Dimensions shown are at the top of the table, dimensions are reduced as the height increases (5 degree slope inside the sheet-metal)
4. Dimensions are symmetrical unless otherwise stated

**Z Axis Clearances**

Notes:
1. P-Cool dimension varies based on P-Cool position
2. Refer to the page on tool changer dimensions for tool changer heights

*Due to continual product improvements, machine dimensions are subject to change without notice.*
Table Dimensions

14.50in (368mm) Usable Table Size

36in (914mm) 4.92in (125mm)

4.20in (107mm) 0.640in (16.26mm)

0.630in (16mm) 0.420in (10.67mm)

1.060in (26.92mm) DETAIL B

*Due to continual product improvements, machine dimensions are subject to change without notice.
Side-Mount Tool Changer Travels

<table>
<thead>
<tr>
<th>Pocket</th>
<th>Dimension</th>
</tr>
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<tbody>
<tr>
<td>A</td>
<td>22.5in</td>
</tr>
<tr>
<td>B</td>
<td>10in</td>
</tr>
<tr>
<td>C</td>
<td>3in</td>
</tr>
<tr>
<td>D</td>
<td>21in</td>
</tr>
<tr>
<td>E</td>
<td>24in</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pocket</th>
<th>Dimension</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
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<tr>
<td>B</td>
<td>254mm</td>
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<tr>
<td>C</td>
<td>76mm</td>
</tr>
<tr>
<td>D</td>
<td>533mm</td>
</tr>
<tr>
<td>E</td>
<td>610mm</td>
</tr>
</tbody>
</table>

*Due to continual product improvements, machine dimensions are subject to change without notice.

Umbrella Tool Changer Travels

*Due to continual product improvements, machine dimensions are subject to change without notice.

The Umbrella Tool Changer moves in towards the spindle to do a tool change.