Operating Dimensions

Shipping Dimensions

Convenience package removed; Control mounted on top for shipping

Shipping height (94"/2388mm) and width (78"/1981mm) shown
Contact your local Haas Factory Outlet for further breakdown information
Anchor Pattern

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

Air and Power Inlets

E Electrical Connection
A Air Connection

Additional dimensions:
- 76in (1930 mm)
- 36in (914 mm)
- 7in (178 mm)
- 138in (3505 mm)
X/Y Axis Clearances

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

Notes:
### Side-Mount Tool Changer Travels

<table>
<thead>
<tr>
<th>Pocket</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>24+1</td>
<td>22.5in</td>
<td>10in</td>
<td>3in</td>
<td>21in</td>
<td>24in</td>
</tr>
<tr>
<td></td>
<td>572mm</td>
<td>254mm</td>
<td>76mm</td>
<td>533mm</td>
<td>610mm</td>
</tr>
</tbody>
</table>

### Umbrella Tool Changer Travels

- **26in (660mm)**
- **23in (584mm)**
- **9.24in (234.8mm)**
- **20.75in (527.1mm)**

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