Machine specifications for Vcenter-85W (BT-40) with wheel fixture

<table>
<thead>
<tr>
<th>ITEM / MODEL</th>
<th>Vcenter-85W</th>
</tr>
</thead>
<tbody>
<tr>
<td>X/Y/Z axis travel</td>
<td>mm (inch) 850/600/560 (33.46/23.62/22.05)</td>
</tr>
<tr>
<td>Spindle nose to table</td>
<td>mm (inch) 300<del>650 (11.81</del>25.98)</td>
</tr>
<tr>
<td>Table dimensions</td>
<td>mm (inch) 1100x510 (43.31x20.08)</td>
</tr>
<tr>
<td>Wheel range - PCD &amp; valve holes only</td>
<td>22”</td>
</tr>
<tr>
<td>Wheel range - decoration holes</td>
<td>20”</td>
</tr>
<tr>
<td>Spindle motor (cont./30min)</td>
<td>kW (HP) 5.5/7.5 (7.4/10)</td>
</tr>
<tr>
<td>Spindle speed</td>
<td>rpm 8000</td>
</tr>
<tr>
<td>X/Y/Z axis rapid feedrate</td>
<td>m/min (ipm) 24/24/20 (944.9/944.9/787.4)</td>
</tr>
<tr>
<td>Spindle feed motor</td>
<td>kW (HP) 3/3 (4/4)</td>
</tr>
<tr>
<td>Max. tool length x weight</td>
<td>mm/kg (inclubs) 250x7 (8.84x15.47)</td>
</tr>
<tr>
<td>Magazine capacity</td>
<td>24</td>
</tr>
<tr>
<td>Coolant capacity</td>
<td>liter (gallon) 450 (118.9)</td>
</tr>
<tr>
<td>Machine dimension (WxDxH)</td>
<td>mm (inch) 2450x2400x2965 (96.46x94.49x116.7)</td>
</tr>
<tr>
<td>Machine weight</td>
<td>kg (lbs) 5700 (12597)</td>
</tr>
</tbody>
</table>

**Standard accessories:**
- Fully enclosed guarding
- Rigid tapping
- Remote MPG
- T nuts for table slot
- Air blow
- Spindle oil cooler
- Levelling blocks
- Air conditioner for electrical cabinet
- Oil skimmer

**Optional accessories:**
- Chip conveyor
- Auto door
- High pressure coolant
- Grundfos SPK4-8
- Through spindle coolant
- Higher powered motor
- Box slideways on column

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### Spindle output for wheel machining

![Diagram of Spindle Output for Wheel Machining]

**Model**

<table>
<thead>
<tr>
<th>Model</th>
<th>Spindle Motor</th>
<th>Base Speed (rpm)</th>
<th>Max Speed (rpm)</th>
<th>P_cont. (kW/HP)</th>
<th>P (kW/HP)</th>
<th>Tor_cont. (kg-m/ft.lbf)</th>
<th>Tor. (kg-m/ft.lbf)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vturn-36W</td>
<td>30</td>
<td>687</td>
<td>2500</td>
<td>30 (40)</td>
<td>37 (50)</td>
<td>30 min.</td>
<td>Tor. cont. in low winding</td>
</tr>
<tr>
<td>Vturn-20W</td>
<td>40</td>
<td>888</td>
<td>2500</td>
<td>45 (60)</td>
<td>55 (73.3)</td>
<td>30 min.</td>
<td>Tor. cont. in high winding</td>
</tr>
<tr>
<td>Vturn-24W</td>
<td>50</td>
<td>988</td>
<td>2000</td>
<td>45 (60)</td>
<td>55 (73.3)</td>
<td>30 min.</td>
<td>Tor. cont. in high winding</td>
</tr>
<tr>
<td>Vcenter-85W</td>
<td>P12</td>
<td>Low winding 500</td>
<td>2500</td>
<td>3.7 (5)</td>
<td>7.5 (10)</td>
<td>30 min.</td>
<td>Tor. cont. in low winding</td>
</tr>
<tr>
<td></td>
<td>High winding 750</td>
<td></td>
<td>8000</td>
<td>3.7 (5)</td>
<td>7.5 (10)</td>
<td>30 min.</td>
<td>Tor. cont. in high winding</td>
</tr>
</tbody>
</table>

*30 min. may be replaced by 15%, 15 min. or 20 min. according to Fanuc technical specification.

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**THE VICTOR-TAICHUNG COMPANIES**

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*was also marketed under the brand names "VICTOR" (outside North America) and "FORTUNE".*