PUMA VAW7500 series

High Productivity 2-Turret Aluminum Wheel Machining Vertical Turning Center
The PUMA VAW7500 Series maximizes wheel machining productivity with twin powerful turrets. With an ability to maintain the high cutting capacity of the preceding models, its machining performance has been greatly enhanced.

For seamless integration with process automation, the new, improved top slide cover allows easy entrance of robot and gantry.

**Travel Distance / Rapid Traverse**

**X axis**
- **500 mm (19.7 inch)**
- **24 m/min (944.9 ipm)**

**Z axis**
- **500 mm (19.7 inch)**
- **20 m/min (787.4 ipm)**

**Wheel Size**
- **27.5 inch**

**Machining Area**

**Max. Turning Diameter**
- **Ø 720 mm**
  - (Ø 28.6 inch)

**Max. Turning Height**
- **340 mm**
  - (13.4 inch)
Spindle

With its powerful torque and power of the same class in addition to further stabilized spindle structure, the Series provides highest machining performance.

Max. Speed
2000 r/min

Max. Power (30 min/cont.)
55/45 kW
(73.8/60.3 Hp)

Max. Torque
684.5 N·m
(505.2 ft-lbs)

Turret

The turrets specialized for processing aluminum wheels offer excellent cutting capacity and reliability.

No. of Tool Posts
6+6 Faces

1 Station Indexing Time
1.2 sec.

Chip Disposal

Chip disposal rate has been increased by double for easy adaptation to line automation and user convenience.

Max. Speed
2000 r/min

Max. Power (30 min/cont.)
55/45 kW
(73.8/60.3 Hp)

Max. Torque
684.5 N·m
(505.2 ft-lbs)
### Major Specifications

#### PUMA VAW7500 series

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit</th>
<th>PUMA VAW7500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. turning diameter</td>
<td>mm (inch)</td>
<td>Ø 720 (Ø 28.3)</td>
</tr>
<tr>
<td>Recommended turning dia.</td>
<td>inch</td>
<td>22.5</td>
</tr>
<tr>
<td>Rapid traverse (X / Z-axis)</td>
<td>m/min (ipm)</td>
<td>24 / 20 (944.9 / 787.4)</td>
</tr>
<tr>
<td>Max. Spindle speed</td>
<td>r/min</td>
<td>2000</td>
</tr>
<tr>
<td>Spindle motor power (30min/cont.)</td>
<td>kW (Hp)</td>
<td>55/45 (73.8 / 60.3)</td>
</tr>
<tr>
<td>Machine dimensions (L x W)</td>
<td>mm (inch)</td>
<td>3380 x 2899 (133.1 x 114.1)</td>
</tr>
</tbody>
</table>

#### Machine Dimensions

![Machine Dimensions Diagram](image)

| Unit : mm (inch) | 1200 (47.2) | 3421 (134.7) |

---

**Doosan Machine Tools**

[www.doosanmachinetools.com](http://www.doosanmachinetools.com)
[www.facebook.com/doosanmachinetools](http://www.facebook.com/doosanmachinetools)

---

**Fire Safety Precautions**

There is a high risk of fire when using non-water-soluble cutting fluids, processing flammable materials, neglecting use coolants and modifying the machine without the consent of the manufacturer. Please check the SAFETY GUIDANCE carefully before using the machine.

---

**Head Office**

22F T Tower, 30, Sowol-ro 2-gil, Jung-gu, Seoul, Korea, 04637  
Tel +82-2-6972-0370 / 0350  
Fax +82-2-6972-0400

**Doosan Machine Tools America**

19A Chapin Rd., Pine Brook, NJ 07058, U.S.A.  
Tel +1-973-618-2500  
Fax +1-973-618-2501

**Doosan Machine Tools India**

106 / 10-11-12, Amruthahalli, Bytatarayanapura, Bellary road, Bangalore-560 092, India  
Tel +91-80-4266-0122 / 121 / 100

**Doosan Machine Tools Europe**

Emdener Strasse 24, D-41540 Dormagen, Germany  
Tel +49-2133-5067-100  
Fax +49-2133-5067-111

**Doosan Machine Tools China**

Room 101,201,301, Building 39 Xinzhuang Highway No.258 Songjiang District,China Shanghai(201612)  
Tel +86-21-5445-1155  
Fax +86-21-6405-1472

---

*For more details, please contact Doosan Machine Tools.  
The specifications and information above-mentioned may be changed without prior notice.  
Doosan Machine Tools Co., Ltd. is a subsidiary of MBK Partners. The trademark **DOOSAN** is used under a licensing agreement with Doosan Corporation, the registered trademark holder.*