CSU 100/3RL

Powerful reversible motor for drilling and tapping

**Powerful • Reliable**
- 16 Amp double-insulated motor
- 19-1/2” high, 574 lbs.
- 2-gear variable speed gearbox
- Designed for continuous use

**Drill up to 4" dia.**
- Uses annular cutters up to 4” dia.; 10" stroke
- Twist drilling capacity up to 1-1/4” dia.
- Tapping capacity up to 1-1/8” dia.
- Automatic lubrication system

**Keyless Cutter Mount**
- Quick-change keyless cutter system for 3/4” Weldon arbor
- Optional 1-1/4” arbor

**Integrated Safety**
- SafeMag™ Green/Red LED magnetic force indicator for safe operation
- Equipped with CoolMag™ overheating protection
- Emergency-off function

**Power Assist**
The Power Assist is a standard capstan, designed with delayed torque transfer. This decreases the load on both cutter and drilling machine, allowing the machine to maintain max. RPM under full load.
- Reduces drilling time • Prevents cutter breakage
- Extends lifespan of cutters/bit and machine

**ZPA 402 • Power Assist for CSU 100/3RL**

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**CSU 100/3RL Specifications**
- Motor Power: 16 Amp / 110 Volt*
- Weight: 57 lbs.
- Hole Capacity: 4” dia.
- Twist Drill Capacity: 1-1/4” dia.
- Tapping Capacity: 1-1/8” dia.
- Speeds (variable): 40-140 RPM, 120-480 RPM
- Magnet Base Size: 9” L x 4” W
- Dimensions: 19-1/2” H x 13-1/4” L x 7-1/2” W
- Magnetic Force (1” plate): 6600 lbs.
- Arbor Bore: 3/4” (1-1/4” also available)
- Spindle: MT3
- Automatic Lubrication: Included
- Power Assist: Order Accessory ZPA 402

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**Model AB-4300-2 / AB-4300-2R Specifications**
- Motor Power (Pneumatic): 1.6 HP
- Air Consumption @ 90 PSI: 64 CFM (1/2” NPT Air Connection)
- Hole Capacity: 2-1/16” dia.
- No Load Speed: 400 RPM
- Magnet Base Size: 8-3/4” L x 3-1/2” W
- Dimensions: 13-1/2” H x 12-1/2” L x 4-3/4” W
- Magnetic Force (1” plate): 1600 lbs.
- Arbor Bore: 3/4” Weldon Shank
- Automatic Lubrication: Included
- Stroke Length: 4-3/4”

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**Model Comparison**

<table>
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<tr>
<th>Model AB-4300-2R</th>
<th>AB-4300-2</th>
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<tbody>
<tr>
<td>Drilled Stroke</td>
<td>10-1/4”</td>
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<tr>
<td>w/ cutters</td>
<td>w/ chuck</td>
</tr>
<tr>
<td>1-3/16”</td>
<td>1-3/4”</td>
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<tr>
<td>Arbor Bore</td>
<td>3/4” MT3</td>
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<tr>
<td>Spindle</td>
<td>MT3</td>
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<tr>
<td>Weight (lbs.)</td>
<td>43</td>
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<tr>
<td>Weight (kg)</td>
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See pages 29 and 50 for Tap Holders and Accessories