MAB 825 KTS

Versatile machine with adjustable X and Y positioning

**Powerful • Reliable**
- 16 Amp double-insulated motor
- 4-speed oilbath gearbox for applications requiring high power
- Designed for continuous use
- Infinitely variable torque control and full-wave control electronics
- Ideal for drilling, boring and slotting applications
- Includes servo-assisted drilling feature to help maintain feed pressure during operation

**Drill up to 3-1/8" dia.**
**Tap up to 1-3/16" dia.**
- Multi-axis positioning
- Uses annular cutters up to 3-1/8" dia.
- Twist drilling capacity up to 1-1/4" dia.
- 10" stroke
- Integrated cutting oil reservoir
- Automatic internal lubrication

**Integrated Safety**
- Simple, ergonomic arrangement of controls for one-handed operation
- Emergency-off function

Model MAB 825 KTS features multi-axis positioning, allowing the drill to be adjusted up to 4-3/4" forward/backward and up to 4-3/8" left/right after magnet is adhered to surface. Ideal for job site drilling, boring and slotting applications where dismantling is not feasible.

<table>
<thead>
<tr>
<th>Cutter Capacity</th>
<th>Twist Drill / Countersink</th>
<th>Ream / Tap</th>
<th>Stroke (length)</th>
<th>4-gear Variable Speed (RPM)</th>
<th>Electronics</th>
<th>Overheat Protection</th>
<th>Magnet Force Indicator</th>
<th>Reversible (CW/CCW)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ø 3 1/8&quot;</td>
<td>ø 1 1/4&quot; / 1 37/64&quot;</td>
<td>ø 1 1/4&quot; / ø 1 1/4&quot;</td>
<td>10&quot;</td>
<td>40-110, 65-175, 140-360, 220-600</td>
<td>Variable-speed Control</td>
<td>CoolMag™</td>
<td>SafeMag™</td>
<td></td>
</tr>
</tbody>
</table>

➤ Annular Cutters: pages 54-64  ➤ Accessories: pages 65-71
MAB 825 KTS

Model MAB 825 KTS Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor Power</td>
<td>16 Amp / 110 Volt</td>
</tr>
<tr>
<td>Weight</td>
<td>99 lbs.</td>
</tr>
<tr>
<td>Hole Capacity</td>
<td>3 1/8&quot; dia.</td>
</tr>
<tr>
<td>Twist Drill Capacity</td>
<td>1 1/4&quot; dia.</td>
</tr>
<tr>
<td>Tapping Capacity</td>
<td>3/4&quot; dia.</td>
</tr>
<tr>
<td>Speed</td>
<td>40-110, 65-175, 140-360, 220-600 RPM</td>
</tr>
<tr>
<td>Magnet Base Size</td>
<td>8 11/16&quot; L x 8 11/16&quot; W</td>
</tr>
<tr>
<td>Dimensions</td>
<td>19 3/4&quot; H x 13&quot; L x 14 1/2&quot; W</td>
</tr>
<tr>
<td>Magnetic Force (1&quot; plate)</td>
<td>6600 lbs.</td>
</tr>
<tr>
<td>Arbor Bore</td>
<td>3/4&quot; and 1 1/4&quot;, standard</td>
</tr>
<tr>
<td>Spindle</td>
<td>MT3</td>
</tr>
<tr>
<td>Automatic Lubrication</td>
<td>Included</td>
</tr>
</tbody>
</table>

Chuck Collet Tool Holder Set with Case

Part No. ZSF 316 (included) can hold most standard end mills with shanks from 1/8" to 5/8" dia. (3mm to 16mm dia.). Kit includes:
- MT3 collet holder with threaded adapter piece
- 15 collets for shanks diameters 1/8" to 5/8" (3 to 16mm)
- 2 collet tightening spanner wrenches

Standard Equipment

1 Magnetic drilling machine
1 Chuck collet tool holder set
1 Steel carrying case†
1 Safety chain
1 Operating manual
1 Warranty certificate

Standard Equipment also includes auto lubrication, safety strap, carabin hook and allen keys.

† Steel case intended mainly for shipping purposes; damage may occur in transit.

PortaBle MagneTic DrilLs

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