Introducing **DRILLX**
Self-Colletting Drill Motor
Model 220

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**Unique**
**Hydraulic Feed**
- No Breakthrough Surge

**Unique**
**360° Rotating Clamp Foot**
- No need for Right and Left Hand Drills

**Unique**
**Modular Design**
- Easy Maintenance

**Unique**
**Higher Efficiency**
- Less Air Consumption

At last, a revolutionary self-colletting drill motor has advanced the state of the art in portable drilling technology. With groundbreaking innovations, such as hydraulic feed and clamp-up, higher efficiency and greater hole accuracy, **DRILLX** will make any manufacturing environment more efficient.

The entire design is geared toward greater accuracy, speed, and control. For example, **DRILLX** is able to hold to ±0.0002", while maintaining countersink depth repeatability to ±0.001.

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New Collet Design

**DRILLX** pulls pilot *and* collet
No thread to break

Legacy systems only pull pilot

<table>
<thead>
<tr>
<th>Hole Size Capacity</th>
<th>1.0 HP</th>
<th>2.3 HP</th>
</tr>
</thead>
<tbody>
<tr>
<td>RPM</td>
<td>5000</td>
<td>1800</td>
</tr>
<tr>
<td>3/16&quot; to 5/16&quot;</td>
<td>5/16&quot; to 1/2&quot;</td>
<td></td>
</tr>
<tr>
<td>1-5/8&quot;</td>
<td>2-3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>Drill Spindle Stroke</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drill Feed Force</td>
<td>Up to 300 lbs. (136 kg.)</td>
<td>Up to 500 lbs. (226 kg.)</td>
</tr>
<tr>
<td>Clamp Force</td>
<td>433 lbs. (196 kg.)</td>
<td>900 lbs. (406 kg.)</td>
</tr>
<tr>
<td>Hole Tolerance</td>
<td>±0.00025&quot; (±0.006mm)</td>
<td></td>
</tr>
<tr>
<td>Air Consumption</td>
<td>Approx. 25 SCFM</td>
<td>Approx. 50 SCFM</td>
</tr>
<tr>
<td>Weight</td>
<td>14.5 lbs. (6.6 kg.)</td>
<td>17 lbs. (7.7 kg.)</td>
</tr>
<tr>
<td>Length</td>
<td>17&quot; (43.2 cm)</td>
<td>19.5&quot; (49.5 cm)</td>
</tr>
<tr>
<td>Coolant</td>
<td>On board coolant system standard. Water based or Boelube. Optional connector for stand-alone coolant</td>
<td></td>
</tr>
<tr>
<td>Coolant Delivery</td>
<td>Through spindle or blown at workpiece and cutter</td>
<td>Through spindle</td>
</tr>
</tbody>
</table>

In-Line Forces for Greater Accuracy

**DRILLX** In-Line Forces

- Hydraulic pressure to feed drill
- Meter oil out to control feed
- Unique

Air Motor

- In-line hydraulic clamping

**Legacy Systems Offset**

- Upper unit slides on rod attached to clamp foot
- Hydraulic feed control resists the air feed

West Coast Industries has been a leading supplier of structural life improvement solutions to the aerospace industry for over 35 years. We have the widest range of coldwork tooling available, from legacy split sleeve to the newer sleeveless, split mandrel processes. Additionally, we offer the BushMax bushing installation process, using proven coldwork technology

**Structural Life Improvement**

...from design to repair