Auto Load Sensing Improves Torque

FEATURES

- Ideal for producing consistent quality bends in large pipe, tube, squares, solids and other profiles with auto tune
- Touch screen control icon menu for easy access to auto and manual operating modes, programming (inch or metric), system diagnostics and multiple language capability
- Quick-change tooling system with multiple radii available
- Digital display of bend angle and bend speed
- Bend any angle to 180° with independent material springback and speed compensation for each bend
- Foot pedal control of bend and return functions
- Swing away counterbending die vise for easy material handling
- Counterbending die vise position monitored electronically for accuracy and repeatability
- Heavy-duty steel gear case, right or left bend capable
- No hydraulic components for quiet operation
- Mandrel ready with optional accessory
- Two axis positioning table for multiple and sequential bends available on special request
- On screen machine diagnostics
- Individual tooling available on pages 15-25

Additional Savings when Purchasing Tooling Kit with Machine

<table>
<thead>
<tr>
<th>Pipe Size</th>
<th>CLR</th>
<th>Min. Wall</th>
<th>Center Former Part#</th>
<th>Counterbend Die Part#</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot;</td>
<td>2.6</td>
<td>.133</td>
<td>153R067P1000</td>
<td>155P1000</td>
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<tr>
<td>1¼&quot;</td>
<td>3.5</td>
<td>.140</td>
<td>153R090P1250</td>
<td>155P1250</td>
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<tr>
<td>1½&quot;</td>
<td>3.9</td>
<td>.145</td>
<td>153R100P1500</td>
<td>155P1500</td>
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<tr>
<td>2&quot;</td>
<td>5.9</td>
<td>.109</td>
<td>153R150P2000</td>
<td>155P2000</td>
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<tr>
<td>2½&quot;</td>
<td>10.2</td>
<td>.203</td>
<td>157R260P2500-80</td>
<td>155P2500</td>
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Pipe Kit only Part# PIPEKIT6

<table>
<thead>
<tr>
<th>Tube Size</th>
<th>CLR</th>
<th>Min. Wall</th>
<th>Center Former Part#</th>
<th>Counterbend Die Part#</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot;</td>
<td>3.2</td>
<td>.035</td>
<td>153R087T1000</td>
<td>154T1000</td>
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<tr>
<td>1¼&quot;</td>
<td>4.4</td>
<td>.035</td>
<td>153R112T1250</td>
<td>154T1250</td>
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<tr>
<td>1½&quot;</td>
<td>5.9</td>
<td>.049</td>
<td>153R150T1500</td>
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<tr>
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<td>.065</td>
<td>153R170T1750</td>
<td>154T1750</td>
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<td>7.5</td>
<td>.065</td>
<td>153R190T2000</td>
<td>154T2000</td>
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</tbody>
</table>

"Large Radius" Tube Kit only Part# TUBEKIT5

MTB80-4 (480V 3ph) with Pipe Kit • Part# TB80-4P
TB80 (220V 3ph) with Pipe Kit • Part# TB80P

Part# TB80-4
machine only
### TB80 Capacities & Specifications

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tube (Min.)</td>
<td>¼&quot;</td>
<td>3&quot; (.120 wall)</td>
</tr>
<tr>
<td>(Max.)</td>
<td></td>
<td></td>
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<tr>
<td>Pipe (Max.)</td>
<td>2½&quot; Sch. 40 Grade B A53</td>
<td></td>
</tr>
<tr>
<td>Centerline Radius (Min.)</td>
<td>2 x Ø (3&quot; CLR with standard tooling)</td>
<td></td>
</tr>
<tr>
<td>(Max.)</td>
<td>16.5&quot;</td>
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<tr>
<td>Degree of Bend</td>
<td>0-210°</td>
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<tr>
<td>Bending Speed</td>
<td>Variable 1.5 to 3 RPM</td>
<td></td>
</tr>
<tr>
<td>Programming</td>
<td>Touch screen - 7&quot; Unlimited storage with USB (30) bends per program</td>
<td></td>
</tr>
<tr>
<td>Material Positioning Table</td>
<td>Consult factory</td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>480V 3ph standard (220V 3ph available)</td>
<td></td>
</tr>
<tr>
<td>Length, Width, Height</td>
<td>20&quot; x 34&quot; x 47&quot;</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>980 lbs.</td>
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</tr>
</tbody>
</table>

All capacities based on A53 grade B 60,000 psi tensile materials; heavy wall and high tensile materials reduce machine capacity. Consult supplier for material specifications.

### POPULAR ACCESSORIES

- Tube & Pipe Tooling Kits
- Spray Lubricant
- Easy Part Layout Software
- Large Square Tooling

### Additional Information

- Tooling Kits Pages 15-16
- Tooling and Accessories Pages 17-25
- Model Comparison Guide Page 32
- Ercolina Bending Application

#### Product Demonstrations Available on Website

NEED ADDITIONAL HELP?

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