## Clausing/Ibarmia Round Column Drill Optional Equipment

<table>
<thead>
<tr>
<th>Model</th>
<th>Description:</th>
</tr>
</thead>
<tbody>
<tr>
<td>7044</td>
<td>Coolant system with separate tank (all models)</td>
</tr>
<tr>
<td>7022</td>
<td>Work light with magnetic base (all models)</td>
</tr>
<tr>
<td>PST</td>
<td>Cycle or spindle turn START foot pedal</td>
</tr>
<tr>
<td>PSR</td>
<td>Spindle reverse foot pedal (for tapping)</td>
</tr>
<tr>
<td>MCC-KT</td>
<td>Cross Slide Table 13.8&quot; x 10.8&quot; (K/T Series)</td>
</tr>
<tr>
<td>MCC-ZX</td>
<td>Cross Slide Table 15&quot; x 8.7&quot; (Z/X Series)</td>
</tr>
<tr>
<td>MCC-X40</td>
<td>Cross Slide Table 15&quot; x 8.7&quot; (X40 Series)</td>
</tr>
<tr>
<td>MB-5D</td>
<td>Cross Slide Table 16&quot; x 12&quot; (X model 35/A/B Series)</td>
</tr>
</tbody>
</table>

**Series T** (Factory Installed only)
- MG-T: Rotating table
- PKA: Floor cabinet with 2 shelves
- PKB: Floor cabinet with door and drawer

**Series Z** (Factory Installed only)
- MG-Z: Rotating table
- MG-1-Z: Tilting rotating table
- TAK-Z: Digital rpm read-out (V models only)
- UC-Z: Union, dragging cone and assembly for multi-spindle head

**Series X** (Factory Installed only)
- MG-X: Rotating table (X-32 Models)
- MG-X: Tilting rotating table
- RPF-X: Automatic pitch controlled tapping with single speed brake-motor
- RPF-ANR-X: Automatic pitch controlled tapping with pneumatic rapid approach
- HGP-X: Master guide spindle and nut set for automatic pitch controlled tapping
- UC-X: Union, dragging cone and assembly for multi-spindle head

**Series A/B** (Factory Installed only)
- RPF-A: Automatic pitch controlled tapping with single speed brake-motor
- RPF-ANR-A: Automatic pitch controlled tapping with pneumatic rapid approach
- ACNL-B: Pneumatic counterbalance with rapid approach and retreat
- ACNL-S-B: Pneumatic counterbalance with rapid approach and retreat with tube and profile drilling
- ACNL-RPF-B: Pneumatic counterbalance with rapid approach and retract with controlled tapping
- AR-A: 50% lower feed rate range
- DLM-A: Mechanical spotface device
- CN-A: Pneumatic counterbalance for spindle return
- UC-A: Union, dragging cone and assembly for multi-spindle head
- GM-A: Multi-spindle head guide rod
- PM-B: Start-stop and emergency stop pendent control
- SC-B: 8" column riser

## Clausing/Ibarmia Prismatic Column Drill Optional Equipment

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<td>Spindle reverse foot pedal (for tapping)</td>
</tr>
<tr>
<td>MH-4</td>
<td>Cross Slide Table 27.56&quot; x 14.17&quot; (BP-40, BP-50, BP-70)</td>
</tr>
</tbody>
</table>

**Series F**
- AR-F: 50% lower feed rate range
- LGD-F: Digital read-out system (2-axis), for MH-4 cross table
- SERVOX-F: Servo feed X axis
- SERVOY-F: Servo feed Y axis
- TCR-F: Quick tool change nut for ISO-30

**Series P**
- RPF-P: Automatic pitch controlled tapping with single speed brake-motor
- RPF-ANR-P: Automatic pitch controlled tapping with pneumatic rapid approach
- HGP-P: Master guide spindle and nut set for automatic pitch controlled tapping
- ACNL-P: Pneumatic counterbalance with rapid approach and retreat
- ACNL-S-P: Pneumatic counterbalance with rapid approach and retreat for tube and profile drilling
- ACNL-RPF-P: Pneumatic counterbalance with rapid approach and retract with controlled tapping
- AR-P: 50% lower feed rate range
- DLM-P: Mechanical spotface device
- CN-P: Pneumatic counterbalance for spindle return
- UN-P: Union, dragging cone and assembly for multi-spindle head
- GM-P: Multi-spindle head guide rod
- PM-P: Start-stop and emergency stop pendent control
- PMC-P: Pendent control panel
- ISO-40-P: ISO-40 spindle with quick change nut (BP40, BP50, BP70)
- ISO-50-P: ISO-50 spindle with quick change nut (BP70)