### Series F

<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>Worklight 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>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 P

<table>
<thead>
<tr>
<th>Model</th>
<th>Description:</th>
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<tbody>
<tr>
<td>AR-P</td>
<td>50% lower feed rate range</td>
</tr>
<tr>
<td>LDG-F</td>
<td>Digital read-out system (2-axis), for MH-4 cross table</td>
</tr>
<tr>
<td>SERVOX-F</td>
<td>Servo feed X axis</td>
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<tr>
<td>SERVOY-F</td>
<td>Servo feed Y axis</td>
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<tr>
<td>TCR-F</td>
<td>Quick tool change nut for ISO-30</td>
</tr>
</tbody>
</table>

### Series F

- **AR-F**: 50% lower feed rate range
- **LDG-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 retract
- **ACNL-S-P**: Pneumatic counterbalance with rapid approach and retract for tube and profile drilling
- **ACNL-RPF-P**: Pneumatic counterbalance with rapid approach and retract with pitch control 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 pendant control
- **PMC-P**: Pendant 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)

### RS

- **Automatic feed reversing system for tapping**
  (standard on Series F/P -RS models)

### PST

- **Cycle or spindle turn START foot pedal**

### PSR

- **Spindle reverse foot pedal**
  (for tapping)

### RPF

- **Automatic pitch controlled tapping with single speed brake-motor**
  (for Series P models)

### RPF-ANR

- **Automatic pitch controlled tapping with pneumatic rapid approach**
  (for Series P models)

### SERVO X

- **SERVO Y**
  
  Electronic “SERVO” feed unit for X/Y axes.
  Feed range: .79 to 39.37 in/min
  Rapid feed: 39.37 in/min
  Available for MH-4 cross table
Cross Slide Tables

**SeriesP** for models BP-40, BP-50, BP-70

**MH-4 Cross Slide Table**
- X Travel = 27.56"
- Y Travel = 14.17"
- Table net weight 661 lbs.

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**Assembly for Multi-Spindle Heads**

- **ACNL**: Pneumatic counterbalance for automatic drilling cycle with rapid approach, working feed and rapid retract, recommended for multi-spindle head applications. (for SeriesB models)
- **CN**: Pneumatic counterbalance for spindle return, recommended for multi-spindle head applications. (for SeriesP models)
- **LDG**: Digital read-out system. Available for MH-3 and MH-4 cross table
- **ACNL-S**: Pneumatic counterbalance for automatic drilling cycle with two rapid approaches, and rapid retract, for tube and profile drilling. (for SeriesB models)
- **UC**: Union, dragging cone and assembly of the multi-spindle head.
- **CM**: Multi-spindle head with fixed or adjustable spindle.
- **GM**: Multi-spindle head guide rod.
- **PM**: START/STOP and emergency STOP control extension.
- **CN**: Pneumatic counterbalance for spindle return, recommended for multi-spindle head applications. (for SeriesP models)