The Model 1120 has an established reputation throughout North America in toolrooms, workshops and schools across the continent.

Standard-Modern lathes stand for:

- **QUALITY**
- **RELIABILITY**
- **VERSATILITY**

- **CAPACITY:** 11" Dia. Swing – 20" between centers
- **1 H.P. Drive Continuous Duty**
- **50: 1 Speed Range 36 – 1800 RPM**
- **D1-4" Camlock – 3 Bearing Spindle**
- **Hardened and Ground Bedways**
- **Full Range of Accessories**

**MADE IN NORTH AMERICA**

1120 A DEPENDABLE LATHE

www.OzarkToolManuals.com
## Features and Specifications

### Machine
- Designed for dependability
- Built to rigid quality specifications
- The superior machine for the skilled worker or trainee
- Inch or metric capability versions

<table>
<thead>
<tr>
<th>Swing over Bed and Saddle Wings</th>
<th>11 in. (279mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Swing over Cross-Slide</td>
<td>6 in. (152mm)</td>
</tr>
<tr>
<td>Distance between Centers</td>
<td>20 in. (508mm)</td>
</tr>
<tr>
<td>Driving motor</td>
<td>1 H.P. (.75 K.W.)</td>
</tr>
</tbody>
</table>

### Headstock
- All geared – no clutches
- D1–4” three bearing spindle
- 1 H.P. main drive motor
- Positive ‘vee’ location on bed
- More H.P. at spindle nose

<table>
<thead>
<tr>
<th>Spindle speeds</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geometric speed range</td>
<td>36–1800</td>
</tr>
<tr>
<td>Spindle nose – camlock</td>
<td>D1–4”</td>
</tr>
<tr>
<td>Through hole in spindle</td>
<td>1-3/8” dia. (35mm)</td>
</tr>
<tr>
<td>Taper hole in spindle nose</td>
<td>#5 M.T.</td>
</tr>
<tr>
<td>Spindle center</td>
<td>#3 M.T.</td>
</tr>
</tbody>
</table>

### Feedbox
- 48 rates of power feed or 48 threading leads without transposing gears
- Separate leadscrew & feedshaft
- Leadscrew & feedshaft overload protected
- Leadscrew reversible – end for end

<table>
<thead>
<tr>
<th>Feed &amp; thread selections</th>
<th>INCH</th>
<th>METRIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range of threads</td>
<td>4–224 TPI</td>
<td>2–7.5mm</td>
</tr>
<tr>
<td>Feed rates per spindle rev.</td>
<td>.001”–.056” long</td>
<td>.053–1.98mm</td>
</tr>
<tr>
<td>Leadscrew</td>
<td>.0005”–.028” cross</td>
<td>.026–.099mm</td>
</tr>
<tr>
<td>Feedshaft</td>
<td>1” dia. x 6 TPI</td>
<td>25.4 x 4mm</td>
</tr>
<tr>
<td>Tool holder – shank size</td>
<td>9/16” Hex.</td>
<td>14mm Hex.</td>
</tr>
</tbody>
</table>

### Apron
- Double walled – fully lubricated
- Threading lever convenient to threading dial
- Double half nuts

- Threading & feed levers interlocked against simultaneous engagement
- Anti-friction bearings on rack pinion & handwheel shafts
- Single lever operates longitudinal & cross-feed

### Saddle
- Extended cross-slide
- Heavy duty compound
- Direct reading dials

<table>
<thead>
<tr>
<th>Length of ways</th>
<th>15” (381mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width of bridge</td>
<td>6” (152mm)</td>
</tr>
<tr>
<td>Cross-slide travel</td>
<td>7” (177mm)</td>
</tr>
<tr>
<td>Compound slide travel</td>
<td>3-1/4” (82mm)</td>
</tr>
<tr>
<td>Tool holder – shank size</td>
<td>1/2” x 1-1/8” (12 x 28mm)</td>
</tr>
</tbody>
</table>

### Tailstock
- Rugged construction
- Graduated barrel (inch or metric)
- Fast acting lever clamp
- Non-jamb handwheel

<table>
<thead>
<tr>
<th>Spindle dia. &amp; length</th>
<th>1-9/16” dia. x 8” (40 x 203mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spindle travel</td>
<td>4” (100mm)</td>
</tr>
<tr>
<td>Length of graduations</td>
<td>3” (76mm)</td>
</tr>
<tr>
<td>Taper hole in spindle</td>
<td>#3 M.T.</td>
</tr>
<tr>
<td>Set over each side of centre</td>
<td>3/4 (19mm)</td>
</tr>
</tbody>
</table>

### Bed
- Double ‘vee’ ways – full length
- All ways hardened & ground
- Sturdy cast construction

<table>
<thead>
<tr>
<th>Width at top</th>
<th>8-1/2” (216mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depth</td>
<td>6” (178mm)</td>
</tr>
<tr>
<td>Width of front saddle guide vee</td>
<td>1” (25.4mm)</td>
</tr>
</tbody>
</table>

### Standard Equipment
- Camlock dog plate assembly
- Tailstock center #3 Morse taper
- Headstock center #3 Morse taper
- Reduction sleeve #5 to #3 Morse taper
- Tool post assembly #1 size light duty
- Operators manual (instructions & spare parts)

- Standard open drip proof motor & electrics CSA approved
- Camlock wrench
- Toolpost wrench 3/8” sq. opening
- Swivel base wrench 3/4” opening
- Spare shear pins and shear keys
- 2 year warranty on Standard-Modern parts

### Optional Accessories
- Inch or metric transposing gears, 4–64 TPI or .2–4mm
- Collet attachment
- Micrometer carriage stop

- 115V controls
- Telescopic taper attachment
- Rear chip guard
- Coolant Equipment
- Steady rest and Follow rest
- Plus more—Ask your dealer

## Shipping Data
- Gross weight: 1000 lbs. (453.6 kg)
- Crate: 34” W x 53” L x 56” H (.66m x 1.35m x 1.4m)

*In our continuous quest for product improvement, we reserve the right to alter specifications.*

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