STANDARD-MODERN LATHES
PRODUCED BY STANDARD-MODERN LATHES INC.

13" SWING INCH/METRIC

MADE IN NORTH AMERICA

1340 AN OUTSTANDING LATHE

The Model 1340 has an established reputation throughout North America in toolrooms, workshops and schools across the continent.

Standard-Modern lathes stand for:

★ QUALITY
★ RELIABILITY
★ VERSATILITY

★ CAPACITY: 13" Dia. Swing – 40" between centers
★ 3 H.P. Drive Continuous Duty (5 H.P. optional)
★ 50: 1 Speed Range 40 – 2000 RPM
★ D1–4" Camlock – 3 Bearing Spindle
★ Hardened and Ground Bedways
★ Power Meter
★ Full Range of Accessories

2 YEAR WARRANTY

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>13 in. (330mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Swing over bed up to 8&quot; in front of faceplate</td>
<td>14&quot; (355mm)</td>
</tr>
<tr>
<td>Swing over Cross-Slide</td>
<td>7-3/4 in. (196mm)</td>
</tr>
<tr>
<td>Distance between Centers</td>
<td>40 in. (1016mm)</td>
</tr>
<tr>
<td>Driving motor</td>
<td>3 H.P. (2.2 K.W.)</td>
</tr>
</tbody>
</table>

## HEADSTOCK
- All hardened gears – no clutches
- D1-4" three bearing spindle
- Ammeter
- 3 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>40–2000</td>
</tr>
<tr>
<td>Spindle nose – camlock</td>
<td>D1–4&quot;</td>
</tr>
<tr>
<td>Through hole in spindle</td>
<td>1-3/8&quot; 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
- 46 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>54</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range of threads</td>
<td>4–224 TPI</td>
</tr>
<tr>
<td>Feed rates per spindle rev.</td>
<td>.001&quot;-.062&quot; long.</td>
</tr>
<tr>
<td></td>
<td>.0005&quot;-.031&quot; cross</td>
</tr>
<tr>
<td>Leadscrew &amp; Feedshaft</td>
<td>1&quot; dia. x 6 TPI Acme</td>
</tr>
<tr>
<td>Feedshaft</td>
<td>9/16&quot; 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 (Inch/Metric graduations)

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

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

<table>
<thead>
<tr>
<th>Spindle dia. &amp; length</th>
<th>1-9/16&quot; dia. x 8&quot; (40 x 203mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spindle travel</td>
<td>4&quot; (100mm)</td>
</tr>
<tr>
<td>Length of graduations</td>
<td>3&quot; (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
- Partial gap

<table>
<thead>
<tr>
<th>Width at top</th>
<th>8-1/2&quot; (216mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depth</td>
<td>8&quot; (203mm)</td>
</tr>
<tr>
<td>Width of front saddle guide vee</td>
<td>1&quot; (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
- Inch-metric dials (Inch machine only)

- Electric brake
- Standard open drip proof motor & electrics CSA approved
- Camlock wrench
- Toolpost wrench 1/2" sq. opening/ Swivel base wrench 3/4" opening
- Spare shear pins and shear keys
- Operators manual (instructions & spare parts)
- 2 year warranty on Standard-Modern parts

## OPTIONAL ACCESSORIES
- Collet attachment
- Micrometer carriage stop
- 115V controls

- Rear chip guard
- Steady rest: 1/4"–3" 6 (6–76mm)
- Follow rest: 1/4"–2-1/2" 6 (6–63mm)

- Telescopic taper attachment
- 10" travel x 20° adj. (4"ft. on dia.)
- Coolant Equipment

## SHIPPING DATA
- Gross weight: 1750 lbs. (794 kg) approx.
- Crate: 34" W x 77" L x 56" H (848 x 1965 x 1414)

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

## PLANT:
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