K.O. Lee High Precision Surface Grinder  Model: KOL-820/2A

FEATURES

PRECISION GRINDING SPINDLE: The precision cartridge spindle is greased and free of maintenance. It is comprised with four (4) preloaded class 9 super precision angular contact ball bearings suitable for heavy grinding. The spindle is directly coupled with a V-3 motor. This ensures spindle run out accuracy of less than 0.002mm (.00008”).

MACHINE CONSTRUCTION: The main components of the machine, including the base, column and saddle, are made of High Quality Meehanite cast iron which is stress relieved to insure rigid stability.

SLIDEWAYS: Both longitudinal and cross slide ways are precisely hand-scraped and laminated with Turcite-B. This provides a smooth travel and even low wear.

TABLE CONSTRUCTION: The unique design of the longitudinal and cross slideway’s Full Support System maintains accuracy during table reversing and full length of travel.

TABLE FEEDS: The longitudinal feed is hydraulic powered and the cross feed is electric motor powered. Both movements have adjustable reversing capability and interlocks to prevent manual operation while in a power feed mode.

AUTOMATIC LUBRICATION SYSTEM: The auto lubrication system, which is standard, provides lubrication on all slideways and leadscrew. This insures a smooth travel and minimizes wear.

CONTROL PANEL: All push buttons and switches are conveniently located on the control panel for easy operation.

STANDARD ACCESSORIES

- Tool Box with Adjusting Tools
- Grinding Wheel with Flange
- Wheel Extractor
- Wheel Wrench
- Balancing Arbor
- Auto Lubrication System
- Leveling Screws with Blocks
- Touch-up Paint
- Machine Lifting Hooks
- Operation Manual with Parts List
<table>
<thead>
<tr>
<th>SPECIFICATIONS</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>K.O. Lee Surface Grinder Model KOL-820/2A</td>
<td></td>
</tr>
<tr>
<td><strong>Table Size</strong></td>
<td>8&quot; X 20&quot;</td>
</tr>
<tr>
<td><strong>General</strong></td>
<td></td>
</tr>
<tr>
<td>Maximum Grinding Length</td>
<td>20&quot;</td>
</tr>
<tr>
<td><strong>Capacity</strong></td>
<td></td>
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<tr>
<td>Maximum Grinding Width</td>
<td>8.6&quot;</td>
</tr>
<tr>
<td>Distance from Table Surface to Spindle Center</td>
<td>19.3&quot;</td>
</tr>
<tr>
<td><strong>Longitudinal</strong></td>
<td></td>
</tr>
<tr>
<td>Manual Travel</td>
<td>20&quot;</td>
</tr>
<tr>
<td><strong>Movement</strong></td>
<td></td>
</tr>
<tr>
<td>Hydraulic Travel</td>
<td>20&quot;</td>
</tr>
<tr>
<td>Table Size (Infinite Variable)</td>
<td>1-25m/min</td>
</tr>
<tr>
<td><strong>Manual Travel</strong></td>
<td>9&quot;</td>
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<tr>
<td><strong>Electric Motor Travel</strong></td>
<td>8.26&quot;</td>
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<tr>
<td><strong>Cross</strong></td>
<td></td>
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<tr>
<td>Rapid Traverse</td>
<td>1200mm/min</td>
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<tr>
<td><strong>Movement</strong></td>
<td></td>
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<tr>
<td>Handwheel/Revolution</td>
<td>0.2&quot;</td>
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<tr>
<td>Handwheel/Graduation</td>
<td>0.001&quot;</td>
</tr>
<tr>
<td>Intermittent Cross Feed</td>
<td>0.15-7.5mm</td>
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<tr>
<td><strong>Vertical</strong></td>
<td></td>
</tr>
<tr>
<td>Handwheel/Revolution</td>
<td>0.05&quot;</td>
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<tr>
<td><strong>Downfeed</strong></td>
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<tr>
<td>Handwheel/Graduation</td>
<td>0.0002&quot;</td>
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<tr>
<td><strong>Grinding</strong></td>
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<tr>
<td>Wheel Size</td>
<td>8&quot; X 1/2&quot; X 1-1/4&quot;</td>
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<tr>
<td><strong>Wheel</strong></td>
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<tr>
<td>Spindle Speed</td>
<td>3600 RPM</td>
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<tr>
<td><strong>Motors</strong></td>
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<tr>
<td>Spindle Motor</td>
<td>2HP; 230V/460V</td>
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<tr>
<td>Cross Feed Motor</td>
<td>1/6HP</td>
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<tr>
<td>Hydraulic Tank Motor</td>
<td>1HP</td>
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<tr>
<td><strong>Weight</strong></td>
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<tr>
<td></td>
<td>2134 lbs</td>
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<tr>
<td><strong>Dimensions</strong></td>
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<tr>
<td>Packaging (L X W X H)</td>
<td>67&quot; X 49&quot; X 79&quot;</td>
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<tr>
<td><strong>PRICE:</strong></td>
<td>$19,500.00</td>
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