The machine is mainly used for reboring engine cylinders of automobiles, motor cycles, and tractors.

- Screw feed with fast retraction
- Quick, positive, anchoring
- Special Micrometer
- Cutter Sharpening

<table>
<thead>
<tr>
<th>Model</th>
<th>T8014A</th>
<th>T8016A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boring Diameter</td>
<td>Ø60-80 x 105 mm</td>
<td>Ø80-115 x 155 mm</td>
</tr>
<tr>
<td>Max. Boring Depth</td>
<td>55 mm</td>
<td>55 mm</td>
</tr>
<tr>
<td>Spindle Speed</td>
<td>2500 rpm</td>
<td>2500 rpm</td>
</tr>
<tr>
<td>Spindle Speed</td>
<td>0.11 mm/r</td>
<td>0.12 mm/r</td>
</tr>
<tr>
<td>Motor Power</td>
<td>2.2 kW</td>
<td>2.2 kW</td>
</tr>
<tr>
<td>Speed</td>
<td>1440 rpm</td>
<td>1440 rpm</td>
</tr>
<tr>
<td>Overall Dimensions</td>
<td>2028 x 2542 x 1666 mm</td>
<td>2028 x 2542 x 1666 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>190 kg</td>
<td>190 kg</td>
</tr>
</tbody>
</table>

Standard Accessories:
- 1. Cutter Sharpening

Optional Accessories:
- 1. Cutter Sharpening

Standard Carbide Boring Tools
- Rough Cut: 3PCS
- Optional Boring Tools
  1. Counter bore - cut-off sleeves, counter bore blocks
  2. 30 Degree Offset
  3. 30 Degree Offset & Counter bore
  4. Cutter Sharpening

Packing List:
1. Cutter setting micrometer
2. Centering rod
3. Centering device
4. Cutter sharpening attachment
5. Counterface polishing tool
6. Counterface polishing tool
7. Counterface polishing tool
8. Counterface polishing tool
9. Counterface polishing tool
10. Counterface polishing tool
11. Hex. Socket wrenches
12. Cutting Cables
13. Multi-purpose tools
14. Boring (with cutter)
**Line Boring Machine**

### Features:
Line boring machine T8108 is a small size machine which, however, has a wide range of application. Though it has been specially designed for reconditioning the seat of cylinder head camshafts with through of blind axis, it can also be used for reconditioning the seat of cylinder block crankshafts in cars and light-weight trucks. The machine is sturdy, compact and allows accurate machining.

### Accessories
1. Locating Piece
2. Centering Sleeve
3. Measuring Device & Boring Cutters
4. Extending Shaft
5. Increase Tool Plate
6. Boring Sleeve
7. Boring Bar

### Features:
Cylinder body bushing boring machines which were developed in our factory. They can be used for boring master bushing and bushing of engine & generator’s cylinder bodier in automobiles and ships etc. In order to reduce auxiliary manhours and labour intensity and guarantee machining quality, accessories for centering, sectifying tool, measuring inner diameter, boring rod bracket, tool holder to increase diameter, boring tool microadjuster and for distance tool sectifying device can be provided with the main machine.

### Standard Boring Bar of T8115:
- Boring bar Ø32, Ø45
- Optional Boring bar of T8115:
  - Boring bar Ø22, Ø60

### All Boring Bar of T8125:
- Boring bar Ø32, Ø85
- Ø32, Ø37, Ø40, Ø45, Ø50, Ø60

### Standard Boring Bar of T8120:
- Boring bar Ø32, Ø45
- Optional Boring Bar of T8120:
  - Boring bar Ø22

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### Line Boring Machine

**Model**
- T8115B×16
- T8120×20
- T8125

<table>
<thead>
<tr>
<th>Specification</th>
<th>T8115B×16</th>
<th>T8120×20</th>
<th>T8125</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bored hole diameter</td>
<td>Ø36~Ø150</td>
<td>Ø36~Ø200</td>
<td>Ø28~Ø225</td>
</tr>
<tr>
<td>Max. length of cylinder body</td>
<td>1600mm</td>
<td>2000mm</td>
<td>2250mm</td>
</tr>
<tr>
<td>Main shaft max elongation</td>
<td>300mm</td>
<td>300mm</td>
<td>300mm</td>
</tr>
<tr>
<td>Boring rod feed quantity</td>
<td>0.044, 0.167mm/rad</td>
<td>0.044, 0.167mm/rad</td>
<td>0.43, 0.85, 1.25mm/rad</td>
</tr>
<tr>
<td>Motor power</td>
<td>0.75/1.1KW</td>
<td>0.75/1.1KW</td>
<td>1.5KW</td>
</tr>
<tr>
<td>Overall dimensions (L×W×H)</td>
<td>3510×650×1410mm</td>
<td>3910×650×1410mm</td>
<td>4382×650×1420mm</td>
</tr>
<tr>
<td>N.W./G.W.</td>
<td>1900/2200kg</td>
<td>2200/2500kg</td>
<td>2200/2500kg</td>
</tr>
</tbody>
</table>

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### Accessories
1. Centering Sleeve
2. Locating Piece
3. Measuring Device & Boring Cutters
4. Extending Shaft
5. Increase Tool Plate
6. Boring Sleeve
7. Boring Bar

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### Standard Boring Bar of T8108:
- Boring bar Ø24~Ø85 mm
- Max. travel of shaft Ø20 x 900 mm, Ø32 x 980 mm
- Main shaft rotating speed 245, 380 rpm
- Boring shaft feed Stepless
- Distance between cylinder fixture and boring shaft center 45-295mm
- Motor power 0.55/0.75 Kw
- Overall dimensions (L×W×H) 1620×700×1370 mm
- N.W./G.W. 600/750 kg

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### Line Boring Machine

**Model**
- T8120

<table>
<thead>
<tr>
<th>Specification</th>
<th>T8120x20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bored hole diameter</td>
<td>Ø36~Ø200</td>
</tr>
<tr>
<td>Max. length of cylinder body</td>
<td>2000mm</td>
</tr>
<tr>
<td>Main shaft max elongation</td>
<td>300mm</td>
</tr>
<tr>
<td>Boring rod feed quantity</td>
<td>0.044, 0.167mm/rad</td>
</tr>
<tr>
<td>Motor power</td>
<td>0.75/1.1KW</td>
</tr>
<tr>
<td>Overall dimensions (L×W×H)</td>
<td>3910×650×1410mm</td>
</tr>
<tr>
<td>N.W./G.W.</td>
<td>2200/2500kg</td>
</tr>
</tbody>
</table>

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### Cylinder Clamping Device

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### Boring Sleeve & Extending Shaft (2000mm)

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### Measuring Device & Boring Cutters

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### Boring Bar

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### Measuring Device & Boring Cutters

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### Boring Sleeve

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### Extending Shaft