Compact high performance machine suitable even for special blank machining

**THI-4R**

**THREAD ROLLING MACHINE**

<table>
<thead>
<tr>
<th>Threads without points</th>
<th>Threads pressure</th>
<th>Power</th>
<th>Speeds</th>
<th>Standard die pockets</th>
<th>Standard stroke</th>
<th>Standard die</th>
<th>Weight (net)</th>
<th>Coolant (litros)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Max Max Max</td>
<td>Max</td>
<td>RPM</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M4</td>
<td>40</td>
<td>25</td>
<td>15</td>
<td>1,650kg</td>
<td>4P 2.2kW</td>
<td>130 350</td>
<td>L W H</td>
<td>140</td>
</tr>
<tr>
<td></td>
<td>W H</td>
<td></td>
<td>L W H</td>
<td>62x20x40 95x20x40</td>
<td></td>
<td>L W H</td>
<td>OIL TANK</td>
<td>0.7ton</td>
</tr>
</tbody>
</table>

- This high performance compact high-speed rolling machine can handle blanks smaller than M4.
- This compact machine has a one-rank higher rigidity and is perfect even for machining special blanks.
- This machine can be applied for a wide range from M1.7 to M4.
- Our originally developed supply method makes it possible to automatically roll even special blanks.

The methods that we have originally developed can also be used to automatically roll headless blanks, such as stud bolts or shaft shapes, etc. (This mechanism can be incorporated in other brands of rolling machines.) Of course, standard straight rolling with a part feeder supply is possible, and this machine can be docked with an automatic washer assembly machine such as the AV.

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**Outline dimensions**

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**Example of machining headless workpiece**

1. Simultaneous rolling of knurl and screw
   - Supply after automatically direction sorting

2. Simultaneous rolling of screws (stud bolts, etc.)
   - Supply after automatically direction sorting

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