High precision grinding machine ID

High precision machines for internal, external and face grinding, suitable for single part manufacturing and high volume production.

The ID can also incorporate spindle turret, measuring head and automatic loading system.

All machines are equipped with linear motors technology, ideal for non-round grinding.

Designed for the grinding of gear parts, cutting tools, bearings, non-round discs and hydraulic components.
**ID TECHNICAL DESCRIPTION**

<table>
<thead>
<tr>
<th>TECHNICAL CHARACTERISTICS</th>
<th>ID-200</th>
<th>ID-400</th>
<th>ID-600</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internal grinding diameter</td>
<td>in 3.9</td>
<td>7.8</td>
<td>27.5</td>
</tr>
<tr>
<td>Workpiece length</td>
<td>in 3.9</td>
<td>7.4</td>
<td>23.6</td>
</tr>
<tr>
<td>Work swing</td>
<td>in 7.8</td>
<td>15.7</td>
<td>35.4</td>
</tr>
<tr>
<td>Workpiece weight</td>
<td>lb 66.1</td>
<td>154.3/374.7</td>
<td>1102.3</td>
</tr>
<tr>
<td>X and Z Axis stroke</td>
<td>in 15.7/7.8</td>
<td>15.7/17.7</td>
<td>25.5/25.5</td>
</tr>
</tbody>
</table>

**Linear & Digital Technology**

The finest technologies result in the most accurate machines. Precise, fast movements ensure the highest productivity and quality.

Maintenance free rotary axes using torque motors.

**Rigidity-Stability-Precision**

- Natural granite bed for a perfect stability.
- Electrospindles carefully assembled in a CLEAN ROOM in-house.

**Ergonomics-Modularity-Aesthetics**

- Updating of the design to the customer’s needs.
- End-users security, accessibility and operability.

**Software**

User friendly, powerful software for easy grinding cycle programming, form generation and production control.