Reciprocator EHR 9200
Electrical vertical reciprocator with toothed belt drive

In addition to the mechanical parts Reiter offers the perfectly matched control system for reciprocators. The basic version ensures by closed loop control the accurate and reproducible positioning and speed with various loads and speeds. The controls range from simple stand-alone-controls for reversing points and speed to freely programmable speed profiles depending on work piece dimensions for complex tasks. The integration and communication with the application technology, additional axes and functions are further options.

Our control department offers state of the art control solutions for height, gap controls in two and three dimensions depending on the project requirements.
Technical Data

**Vertical reciprocator EHR 9200 with toothed belt drive**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stroke length</td>
<td>500 - 3000 mm</td>
</tr>
<tr>
<td>Speed</td>
<td>7 - 50 m/min.</td>
</tr>
<tr>
<td>Load</td>
<td>30 kg, at 200 mm distance from front</td>
</tr>
<tr>
<td>Electrical connection</td>
<td>240/400 V, 50 - 60 Hz</td>
</tr>
<tr>
<td>Rated power</td>
<td>1,5 kW</td>
</tr>
<tr>
<td>Protection classification</td>
<td>EHR, EVK IP 4, (Standard), zone 1 + 2</td>
</tr>
<tr>
<td></td>
<td>optional, control IP 54</td>
</tr>
<tr>
<td>Weight</td>
<td>265 - 440 kg</td>
</tr>
</tbody>
</table>

**Features**
- Rigid stroke tower design with no vibration
- Smooth movement by twelve rollers attached to carriage
- Drive system with worm gear box and AC motor
- Balance weight carriage to counter load
- Safety limit switches top/bottom with cushioned hard stops
- Protective covers with stripe to avoid dirt and dust inside
- Maintenance friendly design
- Special versions up to 7,5 m stroke
- ATEX version for zone 1 (optional)
- Horizontal versions

**Accessories**
- In/out positioning unit
- 2 and 3 axes, electrically or pneumatically
- Hanging version
- Roller set with brakes
- Cable drag chains
- Swivelling axes
- Gun holder