HiS VARIO W Machine.
Solutions for cable to terminal applications.

Ideal for a high number of variants – optionally viable for individual terminal applications.

Precise alignment
- Quick and safe fine adjustment of the individual functional elements such as sonotrode position, sideshift, cable clamping, cable stop
- Optimum support of the sonotrode in the holder for reproducible weld results

Quick and easy application change
- Innovative equipment concept for a wide range of parts and applications
- Equipment indexed and changeable by plug-in connections
- Quickly exchangeable format sets

Reproducible and safe tool change
- Innovative design of sonotrode and holder guarantees stability
- Precise sonotrode change within just a few minutes
- Clamping system for changing the weld tool holder

Modularity and flexibility
Basic functions:
- Cable stop, Cable clamping, Sideshift, Terminal clamping, Sonotrode cooling

Auxiliary functions retrofittable:
- Suspect part cutter, Part ejector, Anvil cooling, Terminal clamping, Converter cooling

Selection of different weld force ranges
- Weld forces of up to 6000 N

Configuration options in the safety cell
- Height-adjustable foot support
- Individual access option

Ergonomics
- Standing or seated work station
- All change and adjustment work can be carried out from the front
- Intuitive handling of operating and functional elements
- HMI operating cockpit individually adjustable in height and inclination
- Short gripping distances
- Safe loading thanks to glare-free LED work space illumination

Safety
- CE-compliant
- Prevention of unnecessary hazard points
- Electrically secured contact protection
- ActiveGuard during maintenance/modification

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HiS VARIO W Machine.
With safety cell as a manual work station.

The HiS VARIO W can be configured modularly for a wide range of applications. All elements for a quick change of applications have been redesigned and set up in such a way that tools and equipment can be changed effortlessly and clamped quickly. Production quality, safety, and ergonomics are the top priority.

Technical data

<table>
<thead>
<tr>
<th>HiS VARIO W</th>
<th>20 kHz</th>
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</thead>
<tbody>
<tr>
<td>Generator power [W]</td>
<td>2400 / 4800 / 6200</td>
</tr>
<tr>
<td>Weld force max [N] at 8 bar</td>
<td>6000</td>
</tr>
<tr>
<td>Stroke / Revision stroke [mm]</td>
<td>50 / 100</td>
</tr>
<tr>
<td>Outside dimensions incl. HMI operating cockpit (W x H x D) [mm]</td>
<td>1335 x 2210 x 880</td>
</tr>
<tr>
<td>Control panel (weld process control)</td>
<td>12&quot; / 9&quot; touch screen</td>
</tr>
<tr>
<td>Operating modes</td>
<td>5</td>
</tr>
<tr>
<td>Application memories</td>
<td>32</td>
</tr>
<tr>
<td>Number of stored welds (graphics &amp; data)</td>
<td>100</td>
</tr>
<tr>
<td>Number of controllable auxiliary functions (optional)</td>
<td>4</td>
</tr>
</tbody>
</table>

Weld system without safety cell for integration into production lines optionally available.

Contact us!

Rely on our expertise – we’ll handle that for you!

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BONDING – MORE THAN MATERIALS