CRIMPING MACHINE WITH FERRITE ASSEMBLY
PROCESSING OF FERRITE CORES

Connecting multi-core cables
The comprehensively equipped machine is designed for stripping, crimping and equipping two wires with ferrite cores.

The contacts are bent with a bending unit in the carrier strip and fed to the crimping process. A feed pot with feed rail provides the ferrite cores in the correct position before the operator inserts the cables. The machine starts automatically when the sensors in the stripping unit are touched.

Wide range of use options
A wide range of potential applications and a high degree of flexibility are achieved through simple conversion to another product for processing.

Different tools can be used for crimping different contacts. The machine is equipped with the tried and tested handwheel for manual test operation after retooling and after maintenance work.

Quality assurance options
The integrated bad part cutter prevents the use of cables with incorrect crimps in the downstream process which in turn assists quality assurance.

Intuitive user interface
The touch screen control has an intuitive user interface for easy and safe operation in various languages.

High safety for the operator
The safety of the operator during processing is ensured by removable protective covers. When removing, the electrical safety circuit is interrupted and the machine is stopped.

Conform with the machinery directive
The crimping machine fully complies with all CE and EMC machine guidelines (mechanical and electrical safety, electromagnetic compatibility).
## TECHNICAL DATA

### Processable materials

<table>
<thead>
<tr>
<th>Material</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire</td>
<td>Two individual cables, two-core sheathed cables,</td>
</tr>
<tr>
<td></td>
<td>Two-core twisted cables</td>
</tr>
<tr>
<td>Terminal</td>
<td>Transversely belted stripes</td>
</tr>
<tr>
<td>Wire cross section</td>
<td>0.35 - 0.5 mm² [1]</td>
</tr>
</tbody>
</table>

### Processing

<table>
<thead>
<tr>
<th>Process</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stripping lengths</td>
<td>Max. 7.5 mm [1]</td>
</tr>
<tr>
<td>Sheath-removal lengths</td>
<td>Min. 40 mm [1]</td>
</tr>
</tbody>
</table>

### Performance and geometry

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drive</td>
<td>0.75 kW three-phase motor</td>
</tr>
<tr>
<td>Motor speed</td>
<td>440 - 2000 rpm</td>
</tr>
<tr>
<td>Pressing force</td>
<td>20 kN</td>
</tr>
<tr>
<td>Stroke</td>
<td>40 mm</td>
</tr>
<tr>
<td>Closing height</td>
<td>135.78 mm</td>
</tr>
</tbody>
</table>

### Controls

<table>
<thead>
<tr>
<th>Control</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Software</td>
<td>STI 2015</td>
</tr>
<tr>
<td>Display</td>
<td>Touchscreen</td>
</tr>
</tbody>
</table>

### Supplies and interfaces

<table>
<thead>
<tr>
<th>Supply/Interface</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power supply</td>
<td>230 V, 50/60 Hz</td>
</tr>
<tr>
<td>Compressed air</td>
<td>6 bar</td>
</tr>
<tr>
<td>Network</td>
<td>RJ-45</td>
</tr>
</tbody>
</table>

### Dimensions and weight

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width x Depth x Height</td>
<td>1600 x 650 x 900 mm [2]</td>
</tr>
<tr>
<td>Weight</td>
<td>218 kg [2]</td>
</tr>
</tbody>
</table>

[1] Depending on the configuration of wire and terminal.
EQUIPMENT

Base equipment
- Eccentric press
- Machine cover
- Ferrite feeder
- Zero cut module
- Stripping unit
- Bending unit
- Bad part cutter

Optional extensions
- Specific wire gripper
- Vacuum cleaner
- Paper winder
- Color detection
- Networking module
- Remote service module
- Stripe chopper
- Crimp force monitoring system
BRANCHES WORLDWIDE

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