## Technical Specifications:

### V160; V200; V250; V315; V355

<table>
<thead>
<tr>
<th>UNIT</th>
<th>V160</th>
<th>V200</th>
<th>V250</th>
<th>V315</th>
<th>V355</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Image</strong></td>
<td><img src="image1.png" alt="Image" /></td>
<td><img src="image2.png" alt="Image" /></td>
<td><img src="image3.png" alt="Image" /></td>
<td><img src="image4.png" alt="Image" /></td>
<td><img src="image5.png" alt="Image" /></td>
</tr>
</tbody>
</table>

### Welding ranges:

<table>
<thead>
<tr>
<th>UNIT</th>
<th>V160</th>
<th>V200</th>
<th>V250</th>
<th>V315</th>
<th>V355</th>
</tr>
</thead>
<tbody>
<tr>
<td>63mm – 160mm</td>
<td>63mm – 200mm</td>
<td>90mm – 250mm</td>
<td>90mm – 315mm</td>
<td>90mm – 355mm</td>
<td></td>
</tr>
</tbody>
</table>

### Reducing Inserts:

<table>
<thead>
<tr>
<th>UNIT</th>
<th>V160</th>
<th>V200</th>
<th>V250</th>
<th>V315</th>
<th>V355</th>
</tr>
</thead>
<tbody>
<tr>
<td>63mm – 75mm</td>
<td>90mm – 110mm</td>
<td>125mm – 140mm</td>
<td>90mm – 110mm</td>
<td>125mm – 140mm</td>
<td></td>
</tr>
</tbody>
</table>

### Ranges of application:

<table>
<thead>
<tr>
<th>UNIT</th>
<th>V160</th>
<th>V200</th>
<th>V250</th>
<th>V315</th>
<th>V355</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE, PP and PVDF</td>
<td>PE, PP and PVDF</td>
<td>PE, PP and PVDF</td>
<td>PE, PP and PVDF</td>
<td>PE, PP and PVDF</td>
<td></td>
</tr>
</tbody>
</table>

### Working voltage:

<table>
<thead>
<tr>
<th>UNIT</th>
<th>V160</th>
<th>V200</th>
<th>V250</th>
<th>V315</th>
<th>V355</th>
</tr>
</thead>
<tbody>
<tr>
<td>~220V ±10%, 50Hz</td>
<td>~220V ±10%, 50Hz</td>
<td>~220V ±10%, 50Hz</td>
<td>~220V ±10%, 50Hz</td>
<td>~380V ±10%, 50Hz</td>
<td></td>
</tr>
</tbody>
</table>

### Total power:

<table>
<thead>
<tr>
<th>UNIT</th>
<th>V160</th>
<th>V200</th>
<th>V250</th>
<th>V315</th>
<th>V355</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.95 kW</td>
<td>2.95 kW</td>
<td>4.85 kW</td>
<td>5.35 kW</td>
<td>5.85 kW</td>
<td></td>
</tr>
</tbody>
</table>

### Heating plate:

<table>
<thead>
<tr>
<th>UNIT</th>
<th>V160</th>
<th>V200</th>
<th>V250</th>
<th>V315</th>
<th>V355</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.2 kW</td>
<td>1.5 kW</td>
<td>3 kW</td>
<td>3.5 kW</td>
<td>4 kW</td>
<td></td>
</tr>
</tbody>
</table>

### Environment temperature:

<table>
<thead>
<tr>
<th>UNIT</th>
<th>V160</th>
<th>V200</th>
<th>V250</th>
<th>V315</th>
<th>V355</th>
</tr>
</thead>
<tbody>
<tr>
<td>−10° ~ 45°</td>
<td>−10° ~ 45°</td>
<td>−10° ~ 45°</td>
<td>−10° ~ 45°</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Crane motor:

- PTFE coated heating plate, adjustable knob for temperature control, difference in heating plate surface temperature ≤±7°.
- Electronic count-down timer for heating and cooling time

### Whole machine consists of basic frame, heating plate, planning tool, hydraulic unit and support (for planning tool & heating plate)

### Includes:

- *A machine body with 4clamps and 2hydraulic cylinders with fast couplings;
- *A Teflon coated heating plate with separate temperature control system;
- *A electrical milling cutter;
- *Hydraulic hoses with quick couplings;
- *Support for milling cutter and heating plate.

### Available options:

- Data logger
- Support roller
- Stub end holder
- Different inserts (single insert, ISO inserts)
### Technical Specifications:

**V450, V630, V800, V1000, V1200**

<table>
<thead>
<tr>
<th>UNIT</th>
<th>V450</th>
<th>V630</th>
<th>V800</th>
<th>V1000</th>
<th>V1200</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Image:</strong></td>
<td>![Image V450]</td>
<td>![Image V630]</td>
<td>![Image V800]</td>
<td>![Image V1000]</td>
<td>![Image V1200]</td>
</tr>
<tr>
<td><strong>Welding ranges:</strong></td>
<td>250mm – 450mm</td>
<td>315mm – 630mm</td>
<td>500mm – 800mm</td>
<td>630mm – 1000mm</td>
<td>630mm – 1200mm</td>
</tr>
<tr>
<td><strong>Reducing inserts:</strong></td>
<td>250mm – 280mm – 315mm – 355mm – 400mm</td>
<td>315mm – 355mm – 400mm – 450mm – 500mm</td>
<td>500mm – 560mm – 630mm – 710mm</td>
<td>630mm – 710mm – 800mm – 900mm</td>
<td>630mm – 710mm – 800mm – 900mm – 1000mm</td>
</tr>
<tr>
<td><strong>Ranges of application:</strong></td>
<td>PE, PP and PVDF</td>
<td>PE, PP and PVDF</td>
<td>PE, PP and PVDF</td>
<td>PE, PP and PVDF</td>
<td>PE, PP and PVDF</td>
</tr>
<tr>
<td><strong>Working voltage:</strong></td>
<td>~380V; ±10%, 50Hz</td>
<td>~380V; ±10%, 50Hz</td>
<td>~380V; ±10%, 50Hz</td>
<td>~380V; ±10%, 50Hz</td>
<td>~380V; ±10%, 50Hz</td>
</tr>
<tr>
<td><strong>Total power:</strong></td>
<td>8.38 KW</td>
<td>12.35 KW</td>
<td>16.7 KW</td>
<td>24 KW</td>
<td>29.5 KW</td>
</tr>
<tr>
<td><strong>Planning tool:</strong></td>
<td>1.5 KW</td>
<td>1.5 KW</td>
<td>2.2 KW</td>
<td>3 KW</td>
<td>4 KW</td>
</tr>
<tr>
<td><strong>Heating plate:</strong></td>
<td>5.38 KW</td>
<td>9.35 KW</td>
<td>12.5 KW</td>
<td>17.5 KW</td>
<td>21.5 KW</td>
</tr>
<tr>
<td><strong>Hydraulic unit:</strong></td>
<td>1.5KW</td>
<td>1.5KW</td>
<td>1.5KW</td>
<td>3KW</td>
<td>3KW</td>
</tr>
<tr>
<td><strong>Environment temperature:</strong></td>
<td>–10° ~ 45°</td>
<td>–10° ~ 45°</td>
<td>–10° ~ 45°</td>
<td>–10° ~ 45°</td>
<td>–10° ~ 45°</td>
</tr>
<tr>
<td><strong>Crane motor:</strong></td>
<td>0.5KW</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| **Includes:** | *A machine body with 4 clamps and 2 hydraulic cylinders with fast couplings;*  
*A Teflon coated heating plate with separate temperature control system;*  
*Self-detaching device: helps removing the heating plate after soaking process;*  
*A electrical milling cutter;*  
*Hydraulic hoses with quick couplings;*  
*Support for milling cutter and heating plate.* | *A machine body with 4 clamps and 2 hydraulic cylinders with fast couplings;*  
*A Teflon coated heating plate with separate temperature control system;*  
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*A Teflon coated heating plate with separate temperature control system;*  
*Self-detaching device: helps removing the heating plate after soaking process;*  
*A electrical milling cutter;*  
*Hydraulic hoses with quick couplings;*  
*Support for milling cutter and heating plate.* |
| **Available options:** | Data logger  
Support roller  
Stub end holder  
Electric Crane  
Machine body trolley  
Different inserts (single insert, ISO inserts) | Data logger  
Support roller  
Stub end holder  
Electric Crane  
Machine body trolley  
Different inserts (single insert, ISO inserts) | Data logger  
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Different inserts (single insert, ISO inserts) | Data logger  
Support roller  
Stub end holder  
Electric Crane  
Machine body trolley  
Different inserts (single insert, ISO inserts) |

PTFE coated heating plate, adjustable knob for temperature control, difference in heating plate surface temperature ≤±7°.  
*Electronic count-down timer for heating and cooling time.*  
*Whole machine consists of basic frame, heating plate, planning tool, hydraulic unit and support (for planning tool & heating plate) and crane.*  
*Includes:*

- A machine body with 4 clamps and 2 hydraulic cylinders with fast couplings;  
- A Teflon coated heating plate with separate temperature control system;  
- Self-detaching device: helps removing the heating plate after soaking process;  
- A electrical milling cutter;  
- Hydraulic hoses with quick couplings;  
- Support for milling cutter and heating plate.

*Available options:*

- Data logger  
- Support roller  
- Stub end holder  
- Electric Crane  
- Machine body trolley  
- Different inserts (single insert, ISO inserts)