**Plastic Pipe Welding Machine P 110**

**ROWELD® P 110**

Plastic pipe welding machine Ø 20 - 110 mm

**Application Area**
For butt welding of pipes and fittings made of PE, PP, PB and PVDF. Particularly suited for installation work and for work in confined spaces - also in pipe networks.

**Key Features**
1. Production of segmented bends possible
2. Precise pressure adjustment
3. Single and double-sided trimming possible

**Technical Data**
- **Pipe diameter**: Ø 20 - 90 mm (SDR 41 - SDR 7.25) / Ø 20 - 110 mm (SDR 41 - SDR 11)
- **Weight**: 8.5 kg
- **Size**: 450 mm total length

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**Images and Descriptions**
- Narrow basic clamping elements can be used
- Mechanical stop adjustable from both sides
- Segmented bends can be produced
- Rectangular heating element
- Joins between fittings and pipes with narrow and wide clamping elements
- By adjusting the basic clamping element angles on both sides (15° each side) segmented bends can be produced
- Widely spaced clamping inserts (Ø 20 - 90 mm) for pipes and pipe joints
- Secure hold and simple axial pipe alignment
- Angles of the wide basic clamping elements adjustable on both sides (15° each side)
- Direct force transmission and clear force scale
- Precise pressure adjustment

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**Electro-Fusion Welding**

**ROWELD® ROFUSE Sani 160**

Universal electro-fusion welding unit for PE and PP drainage pipe fittings Ø 40 - 160 mm

**Product Profile**

**APPLICATION AREA**

Universal electro-fusion welding unit for PE and PP drainage pipe fittings, for 230 V fittings

For the following makes: Geberit, Akatherm-Flr, Coes, Valir, WAVIN-Duo, Aquatherm and Vuicathene-Euro

**KEY FEATURES**

- Microprocessor-controlled welding unit with automatic welding parameter settings
- Visual monitoring of the welding process
- Large operating radius
- Robust and impact resistant casing (IP 44)
- Automatic welding parameter settings

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**TECHNICAL DATA**

- **Input Voltage:** 230 V
- **Tolerance:** 185 V - 275 V
- **Frequency:** 40 Hz - 70 Hz
- **Output voltage:** 230 V
- **Protection class:** IP 44
- **Temperature range:** -5 °C bis + 40 °C
- **Max. Output current:** 6 A
- **Weight:** 1.2 kg
- **Dimensions:** 120 x 160 x 77 mm
- **Welding cable:** 3 m

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**Carrying case**

Easy to transport

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Plastic Pipe Welding Machine P 160 Saniline

ROWELD® P 160 SANILINE
Plastic sanitary pipe welding machine from Ø 40 - 160 mm

Product Profile

APPLICATION AREA
For butt welding of PP, P8 and PVDF pipes and fittings, especially suitable for 45° branches and tight elbows
For use on building sites or in the workshop

KEY FEATURES
1. Versatile for difficult situations with the removable heating plates
2. Secure clamping of pipes, fittings, tight 45° branches and 90° elbows
3. Protects against unintentional starting and derailing of the trimmer unit
4. Precise pressure adjustment

TECHNICAL DATA
Pipe diameter:
- Ø 40 - 110 mm (SDR 41 - 7.25)
- Ø 40 - 140 mm (SDR 41 - 11)
- Ø 40 - 160 mm (SDR 41 - 17.6)
Weight: 34.4 kg
Heating plate: 800 W
Trimmer unit: 500 W

1. Non-slip reducer clamp inserts for Ø 40 - 160 mm with clamping force adjustment
2. Safety device and automatic locking in the working position
3. Direct force transmission and clear force scale
4. Smooth-running machine carriage
5. Minimum drag force

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Plastic Pipe Welding Machine P 160 Saniline

**ROWELD® P 160 SANILINE**

Scope of delivery (No. 5.4000/5.4001): Basic machine with electric trimmer, electronically controlled heating plates, removable, basic clamping set (right & left) for Ø 160 mm (No. 5.4082), pipe supports Ø 160 mm, reducer inserts and supports for 40, 50, 63, 75, 90, 110 and 125 mm in steel case (5.4023), assembly tools, mobile working and transport frame (No. 5.4015)

**Mechanical stop adjustable from both sides**

Single and double-sided trimming possible

<table>
<thead>
<tr>
<th>Model</th>
<th>Working range Ø mm</th>
<th>Temperature control</th>
<th>230 V 50/60 Hz</th>
<th>110/115 V 50/60 Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROWELD® P 160 SANILINE complete (No. 5.4000) including transport frame (No. 5.4015)</td>
<td>40, 50, 63, 75, 90, 110, 125, 150</td>
<td>electronically</td>
<td>57.4</td>
<td>5.4000 5.4001</td>
</tr>
<tr>
<td>ROWELD® P 160 SANILINE Special edition (No. 5.4004) scope of delivery like No. 5.4000, except with collapsible transport frame (No. 5.4015) instead of No. 5.4015</td>
<td>40, 50, 63, 75, 90, 110, 125, 150</td>
<td>electronically</td>
<td>61.2</td>
<td>5.4004</td>
</tr>
</tbody>
</table>

*Easy to transport*

*Trimmer attachment (No. 5.4040) (special accessories)*

*Basic clamping set No. 5.4082 (special accessories)*

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Plastic Pipe Welding Machine P 250 A

**ROWELD® P 250 A**

Plastic pipe welding machine Ø 40 - 250 mm

**Product Profile**

**APPLICATION AREA**

For use on building sites and in the workshop. Particularly suited for sanitary installations, drain pipe laying as well as chimney reconditioning with PVC linings.

**KEY FEATURES**

1. Versatile for difficult situations with the removable heating plates
2. Protects against unintentional starting and derailing of the trimmer unit
3. Single and double-sided trimming possible
4. Warp-resistant for minimum drag and low pressure transfer loss

**KEY FEATURES**

5. Precise welding pressure adjustments on the clear force scale
6. Reliable, warp-resistant transfer of the welding pressure
7. Stable working table always available

**TECHNICAL DATA**

- Pipe diameter: Ø 40 - 110 mm (SDR 41 - SDR 7.25)
  - Ø 40 - 125 mm (SDR 41 - SDR 11)
  - Ø 40 - 200 mm (SDR 41 - SDR 17.6)
  - Ø 40 - 225 mm (SDR 41 - SDR 26)
  - Ø 40 - 250 mm (SDR 41 - SDR 33)
- Weight: 36.4 kg
- Trimmer unit: 450 W
- Heating plate: 1500 W

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Plastic Pipe Welding Machine P 250 A

**ROWELD® P 250 A**

Scope of delivery (No. 5.5796/5.5796): Basic Machine with electric trimmer unit, holder for heating plate, electronically controlled heating plate with contact protection, basic Ø 160 mm and 250 mm clamping set plus Ø 160 mm and 250 mm support fork inserts, reducer inserts and support fork inserts for Ø 40 - 140 mm and Ø 130 - 225 mm, assembly tools, steel transport box 800 x 520 x 765 mm, assembly tools, steel transport box 930 x 520 x 765 mm.

Heating element (1500 Watt) with High-quality non-stick Teflon coating.

Removable heating plate with long service life and manufactured according to DVS, CEN and ISO regulations.

- Protective cover of transport box serves as machine base.
- Stable working table always available.

<table>
<thead>
<tr>
<th>Model</th>
<th>Working range Ø mm</th>
<th>Temperature control</th>
<th>230 V 50/60 Hz</th>
<th>110/115 V 50/60 Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROWELD® P 250 A complete</td>
<td>40, 50, 60, 63, 75, 90, 110</td>
<td>electronically</td>
<td>5,5796</td>
<td>5,5796</td>
</tr>
<tr>
<td></td>
<td>125, 160, 180, 200, 225, 250</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ROWELD® P 250 A basic machine</td>
<td>36, 4</td>
<td></td>
<td>5,5768</td>
<td>5,5736</td>
</tr>
</tbody>
</table>

Welding of 7 pieces

Conversion kit for segment elbows 160 mm (special accessories)

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Accessories ROWELD® P 110

ROWELD® P 110 Basic Machine

<table>
<thead>
<tr>
<th>Model</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROWELD® P 110 Basic Machine with table mounting bracket</td>
<td>6.8 5.5787</td>
</tr>
</tbody>
</table>

Basic Clamping Set 110 mm

<table>
<thead>
<tr>
<th>Model</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>For wide/pipe joints (1 set = 2 clamps)</td>
<td>2.5 5.5807</td>
</tr>
<tr>
<td>For narrow/fitting joints, left (1 clamp.)</td>
<td>1.0 5.5808</td>
</tr>
<tr>
<td>For narrow/fitting joints, right (1 clamp.)</td>
<td>1.0 5.5809</td>
</tr>
</tbody>
</table>

Reducer Clamping Inserts Pipe Wide

Set includes 4 aluminium semi-circular segments each

<table>
<thead>
<tr>
<th>ø mm</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>1.9 5.5318</td>
</tr>
<tr>
<td>25</td>
<td>1.9 5.5126</td>
</tr>
<tr>
<td>32</td>
<td>1.8 5.5125</td>
</tr>
<tr>
<td>40</td>
<td>1.7 5.5124</td>
</tr>
<tr>
<td>50</td>
<td>1.7 5.5123</td>
</tr>
</tbody>
</table>

Reducer Clamping Inserts Pipe Narrow

Set includes 2 metal semi-circular segments each

<table>
<thead>
<tr>
<th>ø mm</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>0.6 5.5319</td>
</tr>
<tr>
<td>25</td>
<td>0.6 5.5134</td>
</tr>
<tr>
<td>32</td>
<td>0.5 5.5133</td>
</tr>
<tr>
<td>40</td>
<td>0.5 5.5132</td>
</tr>
<tr>
<td>50</td>
<td>0.5 5.5131</td>
</tr>
</tbody>
</table>

Manual Trimmer Unit

<table>
<thead>
<tr>
<th>Model</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>With machine holder</td>
<td>1.90 5.5826</td>
</tr>
<tr>
<td>Spare blade (1 set = 2 blades)</td>
<td>0.05 5.5132</td>
</tr>
</tbody>
</table>

Heating Plate

With non-stick Teflon coating, 180 x 130 mm, 800 Watt

<table>
<thead>
<tr>
<th>Model</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>230 V</td>
<td>110/115 V</td>
</tr>
<tr>
<td>50/60 Hz</td>
<td>50/60 Hz</td>
</tr>
<tr>
<td>Electronically controlled</td>
<td>2.6 5.5324 5.5518</td>
</tr>
<tr>
<td>Table clamp</td>
<td>0.7 5.5524 5.5524</td>
</tr>
</tbody>
</table>

Flange Adaptor

For centred welding of flanges

<table>
<thead>
<tr>
<th>Model</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flange Adaptor</td>
<td>1.5 5.3199</td>
</tr>
</tbody>
</table>

ACCESSORIES

<table>
<thead>
<tr>
<th>Model</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel carrying case (540 x 345 x 355 mm)</td>
<td>14.20 5.5832</td>
</tr>
<tr>
<td>Allen key No. 6</td>
<td>0.03 32.1218</td>
</tr>
<tr>
<td>Allen key No. 8</td>
<td>0.03 32.1218</td>
</tr>
</tbody>
</table>

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Accessories ROWELD® P 160 Saniline

ROWELD® P 160 SANILINE
Basic Machine
Basic machine includes: Trimmer unit (500 W), heating plate (800 W), basic clamp set Ø 160 mm, pipe supports Ø 160 mm

<table>
<thead>
<tr>
<th>Model</th>
<th>230 V 50/60 Hz</th>
<th>110/115 V 50/60 Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROWELD® P 160 SANILINE Basic Machine</td>
<td>34.4</td>
<td>5.4005 5.4006</td>
</tr>
</tbody>
</table>

Reducer Clamping Insert Set
Set includes: Reducer inserts (4 semi-circular segments), pipe supports

<table>
<thead>
<tr>
<th>Nominal size</th>
<th>Kg</th>
<th>No.</th>
<th>Nominal size</th>
<th>Kg</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>1.5</td>
<td>5.4083</td>
<td>90</td>
<td>1.6</td>
<td>5.4088</td>
</tr>
<tr>
<td>50</td>
<td>1.5</td>
<td>5.4084</td>
<td>110</td>
<td>1.7</td>
<td>5.4089</td>
</tr>
<tr>
<td>56</td>
<td>1.5</td>
<td>5.4085</td>
<td>126</td>
<td>1.5</td>
<td>5.4090</td>
</tr>
<tr>
<td>63</td>
<td>1.5</td>
<td>5.4086</td>
<td>140</td>
<td>1.5</td>
<td>5.4091</td>
</tr>
<tr>
<td>76</td>
<td>1.5</td>
<td>5.4087</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Trimmer Adaptor (special accessories)
Ø 40 - 75 mm for trimming 45° branches, replaceable blades

<table>
<thead>
<tr>
<th>Model</th>
<th>Kg</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trimmer Adaptor, for Ø 40 - 75 mm</td>
<td>0.53</td>
<td>5.4040</td>
</tr>
</tbody>
</table>

Basic Clamping Set (special accessories)
For outer clamping position, especially for welding pressure pipes, includes 2 basic clamps, left and right, up to Ø 160 mm

<table>
<thead>
<tr>
<th>Model</th>
<th>Kg</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic Clamping Set Ø 160 mm</td>
<td>5.3</td>
<td>5.4082</td>
</tr>
</tbody>
</table>

ROWELD® P 160 SANILINE Conversion Kit
Converting existing ROWELD® P 160 SANILINE with new universal clamp system

<table>
<thead>
<tr>
<th>Model</th>
<th>Working range Ø mm</th>
<th>Kg</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conversion Kit</td>
<td>40, 50, 53, 75, 90, 110, 125, 160</td>
<td>11.20</td>
<td>5.4080</td>
</tr>
</tbody>
</table>

ACCESSORIES

<table>
<thead>
<tr>
<th>Item</th>
<th>Kg</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trolley and transport sub-frame</td>
<td>1.30</td>
<td>5.4015</td>
</tr>
<tr>
<td>Folding trolley</td>
<td>2.00</td>
<td>5.6031</td>
</tr>
<tr>
<td>Steel case for reducer inserts</td>
<td>2.32</td>
<td>5.4020</td>
</tr>
<tr>
<td>Open-ended spanner SW 17 DIN 894</td>
<td>0.05</td>
<td>31.0411</td>
</tr>
<tr>
<td>Trimmer unit blades 73 mm (set = 2 blades)</td>
<td>0.05</td>
<td>5.5565</td>
</tr>
<tr>
<td>Blades 35 mm for trimmer adaptor</td>
<td>0.01</td>
<td>5.5568</td>
</tr>
<tr>
<td>Heating plate 230 V / 115 V / 110 V</td>
<td>1.92</td>
<td>5.3315/5.5551</td>
</tr>
<tr>
<td>Trimmer blade, carbide 75 mm Set = 2 blades</td>
<td>0.06</td>
<td>5.5564</td>
</tr>
</tbody>
</table>

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Accessories ROWELD® P 250 A

Conversion Kit for Segment Elbows
For welding of segment elbows up to Ø 40 - 160 mm, 15° each side. Old models not convertible (without reducer clamping inserts)

<table>
<thead>
<tr>
<th>Model</th>
<th>mm</th>
<th>kg</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conversion Kit</td>
<td>160</td>
<td>9.80</td>
<td>5.5712</td>
</tr>
</tbody>
</table>

Basic Clamping Set
Set includes: 2 basic clamps and 2 support forks

<table>
<thead>
<tr>
<th></th>
<th>mm</th>
<th>kg</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>160</td>
<td>7.25</td>
<td>5.5742</td>
<td></td>
</tr>
<tr>
<td>250</td>
<td>10.10</td>
<td>5.5717</td>
<td></td>
</tr>
</tbody>
</table>

Reducer Clamping Insert Set
Each set consists of: pipe clamping inserts (4 metal semi-circular segments) and support fork inserts (2 metal semi-circular segments) for basic clamping set (No. 5.5742)

<table>
<thead>
<tr>
<th></th>
<th>mm</th>
<th>kg</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>52</td>
<td>1.60</td>
<td>5.5763</td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>1.69</td>
<td>5.5762</td>
<td></td>
</tr>
<tr>
<td>50</td>
<td>1.81</td>
<td>5.5751</td>
<td></td>
</tr>
<tr>
<td>63</td>
<td>1.83</td>
<td>5.5750</td>
<td></td>
</tr>
<tr>
<td>75</td>
<td>1.75</td>
<td>5.5749</td>
<td></td>
</tr>
<tr>
<td>90</td>
<td>1.50</td>
<td>5.5747</td>
<td></td>
</tr>
<tr>
<td>110</td>
<td>1.26</td>
<td>5.5746</td>
<td></td>
</tr>
<tr>
<td>114</td>
<td>1.20</td>
<td>5.5745</td>
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<tr>
<td>125</td>
<td>1.06</td>
<td>5.5744</td>
<td></td>
</tr>
<tr>
<td>140</td>
<td>0.80</td>
<td>5.5743</td>
<td></td>
</tr>
</tbody>
</table>

Basic Clamping Tools
For all pipe diameters, especially suitable for welding of 45° branches

<table>
<thead>
<tr>
<th></th>
<th>mm</th>
<th>kg</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Left</td>
<td>40</td>
<td>1.90</td>
<td>5.5283</td>
</tr>
<tr>
<td></td>
<td>50</td>
<td>2.14</td>
<td>5.5287</td>
</tr>
<tr>
<td></td>
<td>56</td>
<td>2.18</td>
<td>5.5288</td>
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<td></td>
<td>63</td>
<td>2.10</td>
<td>5.5289</td>
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<td></td>
<td>75</td>
<td>2.30</td>
<td>5.5291</td>
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<td></td>
<td>90</td>
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<td>5.5283</td>
</tr>
<tr>
<td></td>
<td>110</td>
<td>2.46</td>
<td>5.5292</td>
</tr>
<tr>
<td></td>
<td>125</td>
<td>2.64</td>
<td>5.5281</td>
</tr>
<tr>
<td></td>
<td>140</td>
<td>3.36</td>
<td>5.5280</td>
</tr>
<tr>
<td>Right</td>
<td>40</td>
<td>1.90</td>
<td>5.5158</td>
</tr>
<tr>
<td></td>
<td>50</td>
<td>2.14</td>
<td>5.5157</td>
</tr>
<tr>
<td></td>
<td>56</td>
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<td></td>
<td>75</td>
<td>2.30</td>
<td>5.5144</td>
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<td>90</td>
<td>2.40</td>
<td>5.5163</td>
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<td></td>
<td>110</td>
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<tr>
<td></td>
<td>140</td>
<td>3.36</td>
<td>5.5190</td>
</tr>
</tbody>
</table>

Heating Plate
Non-stick Teflon coating. Ø 300 mm. 1500 Watt

<table>
<thead>
<tr>
<th>Model</th>
<th>230 V</th>
<th>110 V / 115 V</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 / 60 Hz</td>
<td>50 / 60 Hz</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>kg</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic &amp; controlled</td>
<td>5.35</td>
<td>5.5317</td>
</tr>
<tr>
<td></td>
<td>5.585</td>
<td></td>
</tr>
</tbody>
</table>

ACCESSORIES

<table>
<thead>
<tr>
<th>Description</th>
<th>kg</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spare blade (1 set = 2 blades)</td>
<td>0.1</td>
<td>5.5163</td>
</tr>
<tr>
<td>Allen key No. 8</td>
<td>0.2</td>
<td>12.1218</td>
</tr>
<tr>
<td>Transport box, protective cover red</td>
<td>23.00</td>
<td>5.5759</td>
</tr>
<tr>
<td>Steel case</td>
<td>2.82</td>
<td>5.4020</td>
</tr>
</tbody>
</table>

Office Address:
No. 18, Mina Blvd, Africa St, Tehran/IRAN
Tel.: (+98 21) 88 20 20 60 .......................... Fax.: (+98 21) 88 20 20 81
WWW.PARSETHYLENE-KISH.COM
Overview Triple-M-System

The exclusive ROWELD® Triple-M-System

With the ROWELD® Triple-M-System you have a machine at your disposal that makes working to exact requirements possible: from pipe diameters from 40 mm up to 355 and all SDR series. Of course, all the individual components are universally compatible with each other; (see combination examples below).

Examples of use
Gas- / Water installation
Pipes in the SDR series

Options:
- SDR 41 - 7,4 (Option 1)
- SDR 41 - 11 (Option 2)

Examples of use
Water installation
Pipes in the SDR series

Options:
- SDR 41 - 11 (Option 3)

Examples of use
Sewage installation
Pipes in the SDR series

Options:
- SDR 41 - 11 (Option 4)

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Overview ROWELD® Building Site Machine

ROWELD® P 200 B / P 200 B CNC SA
Plastic pipe welding machine Ø 63 - 200 mm

APPLICATION AREA
For butt welding of PE, PA, PP and PB pipes and fittings. For use on building sites, in trenches, on pipe bridges and in workshops.

TECHNICAL DATA
Trimmer unit: 620 W
Hydraulic unit: 370 W (0 - 100 bar)
Heating plate: 1000 W, 230 V 50 / 60 Hz

ROWELD® P 500 B / P 500 B CNC
Plastic pipe welding machine Ø 200 - 500 mm

APPLICATION AREA
Butt welding of PE and PP pipes and fittings. Ø 200 - 500 mm and fittings of all pressure levels and SDR series. For use on building sites, in pipe trenches or in the workshop

TECHNICAL DATA
Trimmer unit: 1100 W, 400 V 50 / 60 Hz
Hoist (optional): 450 W, 400 V 50 / 60 Hz
Hydraulic unit: 750 W (0 - 120 bar)
Heating plate: 230 V 50 / 60 Hz

ROWELD® P 630 B / P 630 B CNC
Plastic pipe welding machine Ø 315 - 630 mm

APPLICATION AREA
Butt welding of PE and PP pipes and fittings. Ø 315 - 630 mm and fittings of all pressure levels and SDR series. For use on building sites, in pipe trenches or in the workshop

TECHNICAL DATA
Trimmer unit: 1100 W, 400 V 50 / 60 Hz
Hoist (optional): 450 W, 400 V 50 / 60 Hz
Hydraulic unit: 750 W (0 - 120 bar)
Heating plate: 400 V 50 / 60 Hz

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Overview ROWELD® Building Site Machine

ROWELD® P 800 B / P 1200 B
Plastic pipe welding machine Ø 500 - 1200 mm

Product Profile

APPLICATION AREA
For welding of plastic pipes. For use on building sites and in the workshop.
From Ø 500 - 600 mm (P 800 B)
From Ø 710 - 1200 mm (P 1200 B)

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Model</th>
<th>Trimmer unit:</th>
<th>Hydraulic unit:</th>
<th>Heating plate:</th>
<th>Weight:</th>
</tr>
</thead>
<tbody>
<tr>
<td>P 800 B</td>
<td>1500 W, 400 V 50 / 60 Hz</td>
<td>1500 W, 50 / 60 Hz</td>
<td>12000 W, 400 V 50 / 60 Hz</td>
<td>1550 kg</td>
</tr>
<tr>
<td>P 1200 B</td>
<td>3000 W, 400 V 50 / 60 Hz</td>
<td>1500 W, 50 / 60 Hz</td>
<td>16000 W, 400 V 50 / 60 Hz</td>
<td>1906 kg</td>
</tr>
</tbody>
</table>

Light and sturdy basic machine
Welding of pipes in shafts possible

Adjustable 3. main clamps
Joining of elbows, T-pieces and V-type fittings possible

Compact design
For use directly in trench

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Overview ROWELD® Workshop Machine

**ROWELD® P 315 W / P 315 W CNC**

**APPLICATION AREA**
- For butt welding of PE, PP and PVDF pipes and fittings from Ø 90 - 315 mm.
- High-performance butt welding machine for single and serial production in the workshop.
- Universal machine for pipe/pipes, pipe/fitting, pre-sealing strip welding.
- Perfect for the prefabrication of pipe elbow segments and T-pieces.

**TECHNICAL DATA**
- **Electrical Hydraulic unit:** 400 W
- **Electrical Trimmer unit:** 230 V / 400 V 50 / 60 Hz
- **Heating plate:** 700 W
- **Weight:**
  - P 315 W complete: 523 kg
  - P 315 W Basic: 385 kg
  - P 315 W CNC complete: 523 kg
  - P 315 W CNC Basic: 385 kg
- Machine base is warp-resistant and sturdy with hardened, dual linear ball track precision, axial centering of the pipe on both sides with the ability of the main clamps.
- Secure, warp-resistant welding pressure transfer.
- Hydraulically operated unit for uninterrupted use with increased pressure consistency, no pressure loss during welding.
- Precise control of the welding pressure.
- Electronically controlled heating plate with high-quality non-stick Teflon coating.
- Heating plate is built to last and manufactured according to DVS, CEN and ISO regulations.
- Clearly organised regulating and control elements.
- Safe and simple use.

**ROWELD® P 500 W / P 630 W**

**Plastic pipe welding machine Ø 250 - 630 mm**

**APPLICATION AREA**
- For plastic pipe welding of PE and PP pipes
  - P 500 W: Ø 250 - 500 mm
  - P 630 W: Ø 315 - 630 mm
- All pressure levels and SDR series

**TECHNICAL DATA**
- **Electrical Hydraulic unit:** 2250 W
- **Electrical Trimmer unit:** 1100 W / 400 V, 50/60 Hz
- **Heating plate:** 6000 W / 400 V, 50/60 Hz
- Machine base is warp-resistant and sturdy with hardened, dual linear ball track precision, axial centering of the pipe on both sides with the ability of the main clamps.
- Secure, warp-resistant welding pressure transfer.
- Hydraulically operated unit for uninterrupted use with increased pressure consistency, no pressure loss during welding.
- Precise control of the welding pressure.
- Electronically controlled heating plate with high-quality non-stick Teflon coating.
- Heating plate is built to last and manufactured according to DVS, CEN and ISO regulations.
- Clearly organised regulating and control elements.
- Safe and simple use.

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Electro-Fusion Welding Unit
ROWELD® ROFUSE

Universal electro-fusion welding unit Ø 630 mm

**APPLICATION AREA**
For PE- and PP fittings from < 48 V, Ø > 630 mm

**KEY FEATURES**
1. Data input with the barcode scanner, with ROWELD® ROFUSE, ROFUSE® and ROWELD® ROFUSE Print® manual data input is additionally possible
2. Simple data transfer via USB port with Print®
3. Welding monitoring system ROWELD® ROFUSE / ROFUSE®
4. Display 4 x 20, characters with 5 mm font size and LED illumination
5. Via USB port
6. Simple data transfer
7. Welding monitoring system

**TECHNICAL DATA**
- Input voltage: 230 V
- Tolerance: 180 V - 290 V
- Frequency: 40 Hz - 70 Hz
- Output voltage: 6 V - 40 V
- Protection rating: IP 54
- Temperature range: -20 °C up to + 60 °C
- Weight: 16.5 kg
- Dimensions: 230 x 295 x 330 mm
- Barcode scanner: Yes
- Logging: ROWELD® ROFUSE/ROFUSE®: No
  - ROWELD® ROFUSE Print®: 1800 production log
  - ROWELD® ROFUSE 48 V basic: 200 production log

**ACCESSORIES**
- ROWELD® ROFUSE Print® PC-Software: 0.4 5.4058
- for WIN 95/2000/XP Vista
- Adaptor set FF round 4.6: 0.1 5.4059
- Adaptor set Flat: 0.1 5.4057
- ROWELD® ROFUSE Print® DATA Memory: 0.3 5.4053
- Adaptor set Fl Fl: 0.1 5.4054
- Aluminum transport case: 4.1 5.4084

**Pipe and Fitting Holding Clamp**
Light universal holding clamp for straight sockets, 45° pieces and 45° sockets, with the basic prism continuously adjustable, double strap clamping on each side

**Muffler for Electric Socket Welding**
For secure, quick preparation of the pipe in transport case

**Pipe and Fitting Holding Clamp**

**Model** | **Model** | **No.**
--- | --- | ---
Size 1 | Ø 20 - 90 mm | 5.3291
Size 2 | Ø 40 - 180 mm | 5.3292
Size 3 | Ø 63 - 250 mm | 5.3293

**Muffler for Electric Socket Welding**

**Model** | **Version** | **No.**
--- | --- | ---
Size I | DA 32 - DA 110 | 5.3240
Size II | DA 110 - DA 500 | 5.3250