Hand welding device
Oval-Q

The new, handy and high-performance hand-held welding device from the FORSTHOFF Oval line. Practical and solid design combined with a slim handle ensures ergonomic and non-tiring work. The efficient hot-air welding device for welding all thermoplastics.

Product description

The Oval-Q hot-air welding device is a universal device for welding all thermoplastics. The Oval line is distinguished by its slim, slightly oval-shaped handle. The air filters are easily cleaned by simply removing them from the handle.

Carbon brushes with a shut-off device make it possible to protect the collector and these can be changed several times. The double turbine system produces a strong air output of 280 litres/minute.

The Oval-Q device has a heat output of 1,500 W 230 V or 1,650 W 120 V and has constant and absolutely reliable temperature electronics of up to 700 °C.

The air-cooled heating element tube is suitable for numerous differently shaped nozzles.

The universal welding device for welding all thermoplastics. Welding of technical textiles, tarpaulin and banner materials, pond foil liners, roofing foils, and foils used in the construction of swimming pools.

- For repairing automobile tarpaulins and tents, for sealing advertising banners, processing PVC floor coverings and linoleum.
- For processing all thermoplastic hard materials in the construction of plastics and containers.
- For shrinking packaging foils and mouldings
- For separating and fusing synthetic threads and textiles
- For sterilising packaging materials
- For removing plastic flashes and shining plastic surfaces.
- For use in electromechanical work
- For shrinking shrink tubes, packaging foils
- For heating for the purposes of deformation of thermoplastic semi-finished products.
Technical specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>OVAL-Q</th>
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</thead>
<tbody>
<tr>
<td>Nominal voltage range</td>
<td>120 V or 230 V~</td>
</tr>
<tr>
<td>Frequency range</td>
<td>50Hz - 60Hz</td>
</tr>
<tr>
<td>Power</td>
<td>120V 1650W or 230V 1500W</td>
</tr>
<tr>
<td>Output temperature</td>
<td>≤ 700°C</td>
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<tr>
<td>Noise emission level</td>
<td>&lt; 70dB</td>
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<tr>
<td>Weight</td>
<td>1.4 kg with mains connection lead</td>
</tr>
<tr>
<td>Protection class</td>
<td>II / (double insulation)</td>
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</tbody>
</table>

Areas of applications

- Car upholsterers
- Tarpaulin manufacturers
- Tent manufacturers
- Canvas covers
- Manufacturers of advertising tarpaulins
- Roofing industry
- Swimming pool construction
- Pond liner processing firms
- Leisure and outdoor outfitters
- Sealing / waterproofing

Accessories

- Item No. 4000  Round nozzle, 5 mm
- Item No. 4002  Nozzle, 20 mm flat
- Item No. 4022.15 Nozzle 20 mm flat, 15° angled, for roofing
- Item No. 4003  Nozzle 40 mm flat
- Item No. 4004  Shrink nozzle 15 mm, round
- Item No. 4005  Adapter with thread M 10
- Item No. 4007  Shrink reflector
- Item No. 4010  Speed welding nozzle for nozzle item No. 4000, 5 mm, round
- Item No. 4011  Speed welding nozzle for nozzle item No. 4000, 4 mm, round
- Item No. 4012  Speed welding nozzle for nozzle item No. 4000, 3 mm, round
- Item No. 5013  Speed welding nozzle for nozzle item No. 4000, 5 mm, triangular
- Item No. 5014  Speed welding nozzle for nozzle item No. 4000, 7.5 mm, triangular
- Item No. 5000  Speed welding nozzle 7 mm triangle, for nozzle 5 mm round
- Item No. 5001  Speed welding nozzle 5,7 mm triangle, to screw-on, for nozzle item No. 4007 (M10)
- Item No. 5002  Speed welding nozzle 5,7 mm triangle, to screw-on, for adaptor M10
- Item No. 5003  Speed welding nozzle 3 mm round, to screw-on, for adaptor M10
- Item No. 5015  Tacking tip for nozzle item No. 4007 (M10)
- Item No. 5004  Tacking tip for nozzle item No. 4007 (M10) 3 mm round (M10)
- Item No. 5005  Tacking tip for nozzle item No. 4007 (M10) 4 mm round (M10)
- Item No. 5006  Tacking tip for nozzle item No. 4007 (M10) 3 mm round (M10)
- Item No. 5007  Tacking tip for nozzle item No. 4007 (M10) 4 mm round (M10)
Item No. 5008
Speed welding nozzle for nozzle item No. 4007 (M10), 5 mm triangular (M10)

Item No. 5009
Speed welding nozzle for nozzle item No. 4007 (M10), 7.5 mm triangular (M10)

Item No. 5017
Tacking tip hooked for adaptor M10

Item No. 2007
Insulating tube

Item No. 4011
Heating element 1500 W, 230 V

Item No. 5021
Weld seam slide

Item No. 7000
Pressure roller two-armed, 45 mm

Item No. 6998
Pressure roller two-armed, 45 mm, ball bearing mounted

Item No. 7001
Pressure roller one-armed, 45 mm

Item No. 6997
Pressure roller one-armed, 45 mm, ball bearing mounted

Item No. 2008
Speed welding nozzle for nozzle item No. 4007 (M10), 5 mm triangular (M10)

Item No. 5017
Tacking tip hooked for adaptor M10

Item No. 4011
Insulating tube

Item No. 5021
Weld seam slide

Item No. 7000
Pressure roller two-armed, 45 mm

Item No. 6998
Pressure roller two-armed, 45 mm, ball bearing mounted

Item No. 7001
Pressure roller one-armed, 45 mm

Item No. 6997
Pressure roller one-armed, 45 mm, ball bearing mounted

Item No. 7002
Pressure roller two-armed, 80 mm

Item No. 6996
Pressure roller two-armed, 80 mm, ball bearing mounted

Item No. 7005
Pressure roller 5 mm, for round wire

Item No. 7006
Pressure roller one-armed, 45 mm, 45° offset (patented) ball bearing mounted

Item No. 6994
Pressure roller 1-armed, 28 mm bearing mounted

Item No. 7010
Quarter moon knife

Item No. 7011
Grooving tool

Item No. 7014
Seam tester

Item No. 7012
Metal case

Item No. 7013
Seam tester

Item No. 7014
Grooving tool

Item No. 7012
Metal case