

**QUALITY  
MADE IN  
GERMANY**  
FJ FORSTHOFF  
**40 YEARS**

**FJ FORSTHOFF**



## **OVAL-LINE**

OVAL-Q  
OVAL-G  
OVAL-H  
OVAL-HB

Hot Air Welding  
ergonomic and innovative





## Handy and high performance

### OVAL-Q



**280 liters per minute**

The new, sturdy and high performance hand welding device in the Oval-Line from FORSTHOFF. Practical and solid design, The efficient hot air welding device for welding all thermoplastics. The efficient hot air welding device for welding all thermoplastics.

The new Oval-Line is characterized by its slight oval shaped and lean design. 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 liters/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..

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



## High air output, slim and solid design

### OVAL-G



360 liters per minute

High air output of 360 liters/minute, combined with a slim and solid design.

The Oval G hot air blower can be used wherever hot air flows are required for warming, heating, deformation, shrinking and activating. In addition, the Oval G comes with a slim, slightly oval-shaped handle which is very useful when using the hand-held hot air blower. The air filters are easily cleaned by simply removing them from the handle.

Carbon brushes with a switch-off device protect the collector and can be changed several times.

The Oval G unit has a heat output of either 3,000 W or 3,400 W 230 V or 2200 W 120 V. The constant and reliable electronics enable variably adjustable temperature setting up to 700 °C.

The double turbine system's strong air current can be modified using various nozzle attachments so that numerous solutions can be offered with regard to the blower's application.

The device's simple and robust design means it can be used just as a hand blower and can also be incorporated in various production processes, machines and on conveyors.

- For use in repair work shops for repairing plastic parts in motor vehicles and motorcycles
- For incorporating in machines and conveyors
- For use during electromechanical work
- For shrinking shrink tubing and packaging films
- For heating for the purposes of deformation of thermoplastic semi-finished products
- For drying aqueous-damp surfaces
- For defrosting frozen water pipes
- For removing old shellac and resin paints
- For activating and dissolving solvent-free adhesives and hot melt adhesives
- For all types of drying and heating processes
- For shrinking packaging films and mouldings
- For separating and fusing synthetic threads and fabrics
- For sterilising packaging materials
- For removing plastic flashes and shine on plastic surfaces

Model	OVAL-G
Nominal voltage range	120 V or 230 V~
Frequency range	50Hz - 60Hz
Power	120 V 2200 W or 230 V 3000 W or 3400 W
Output temperature	20–700 °C, infinitely variable
Noise emission level	< 70dB
Weight	1.5 kg with mains connection lead
Protection class	II /  (double insulation)



## High air output and ergonomic

### OVAL-H



**240 liters per minute**


The handy and extremely powerful hot air hand-held welding machine from the new FORSTHOFF Oval line. High air output combined with strong 3,000 W 230 V heat output, and all packaged in a handy and robust form.

The Oval H hand-held welding unit enables powerful and efficient welding with its 40 mm overlap nozzle. This strong industrial tool can be used for welding landfill sheeting, pond foils and heavy tarpaulins. The device can also be used in the automobile industry for drying out putty and activating plastic parts.

Thanks to reliable temperature electronics, its heat output of 3,000 W 230 V or 2,200 W 120 V is variably adjustable from room temperature to 700 °C. Combined with the strong double turbine system, the Oval H makes for trouble-free overlap welding with the 40 mm slot die 4003.

The Oval H unit also comes from the FORSTHOFF Oval line and is distinguished by its slim and ergonomic handle. The air filters can be easily cleaned by simply removing them from the handle. Shut-off carbon brushes prevent damage to the engine collector after use and can be changed several times.

- Car upholsterers
- Tarpaulin manufacturers
- Tent manufacturers
- Canvas covers
- Manufacturers of advertising tarpaulins
- Roofing industry
- Swimming pool construction
- Pond liner processing firms
- Building trade
- Automotive industry

Model	OVAL-H
Nominal voltage range	120 V or 230 V~
Frequency range	50Hz - 60Hz
Power	120 V 2200 W or 230 V 3000 W
Output temperature	20–700 °C, infinitely variable
Noise emission level	< 70dB
Weight	1.4 kg with mains connection lead
Protection class	II /  (double insulation)



## A powerful association

### OVAL-HB



360 liters per minute

Oval-HB (in connection with the FORSTHOFF welding gun MINI-electronic).

The new efficient hand blower for our welding gun MINI-electronic.

The blower Oval-HB is the mobile, light and compact air supplier for the FORSTHOFF MINI-electronic, and thus enables a small and wieldy welding gun to be used on building and installation sites.


Powerful 360 liters/minute guarantee a smooth air supply of the welding gun for quick and efficient welding of thermoplastic plastics.

Also the motor of the Oval-HB comes from the Oval line, and is a powerful and service-friendly drive from the German FORSTHOFF production with shut off carbon brushes to prevent the collector being

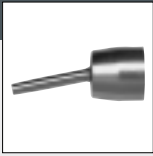
damaged after the carbons have been used up. The collector carbons can of course also with this device be changed several times.

The easily to remove filters of the motor housing enable a quick cleaning of the filters.

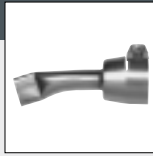
- Plastic fitters
- Tank construction
- Manufacturing of ventilation pipes

Model	OVAL-HB
Nominal voltage range	120 V or 230 V~
Frequency range	50Hz - 60Hz
Noise emission level	< 70dB
PWeight	1.0 kg with mains power cable
Protection class	II /  (double insulation)

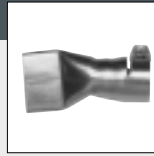
# Accessories OVAL-Q



**Item No. 4000**  
Round nozzle, 5 mm



**Item No. 4002**  
Nozzle, 20 mm flat



**Item No. 4003**  
Nozzle, 40 mm flat



**Item No. 4004**  
Nozzle 40 mm flat, perforated



**Item No. 4005**  
Shrink nozzle 15 mm, round



**Item No. 4007**  
Adapter with thread M 10



**Item No. 7014**  
Seam tester



**Item No. 5016**  
Shrink reflector



**Item No. 5010**  
Speed welding nozzle for nozzle item No. 4000, 3 mm round



**Item No. 5011**  
Speed welding nozzle for nozzle item No. 4000 4 mm, round



**Item No. 5012**  
Speed welding nozzle for nozzle item No. 4000 5 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 5,7 mm triangle, for nozzle 5 mm round



**Item No. 5001**  
Speed welding nozzle 7 mm triangle, for nozzle 5 mm round



**Item No. 5002**  
Speed welding nozzle 5,7 mm, (M10) triangle, to screw-on, for adaptor (M10)



**Item No. 5003**  
Speed welding nozzle 7 mm, (M10) triangle, to screw-on, for adaptor (M10)



**Item No. 5015**  
Tacking tip for nozzle item No. 4000



**Item No. 5004**  
Tacking welding tip (M10) for nozzle item No. 4007 (M10)



**Item No. 5005**  
Speed welding nozzle for nozzle item No. 4007 (M10) 3 mm round (M10)



**Item No. 5006**  
Speed welding nozzle for nozzle item No. 4007 (M10) 4 mm round (M10)



**Item No. 5007**  
Speed welding nozzle for nozzle item No. 4007 (M10) 5 mm round (M10)



**Item No. 5008**  
Speed welding nozzle for nozzle item No. 4007 (M10) 5 mm triangular (M10)



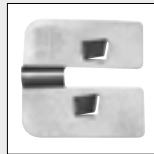
**Item No. 5009**  
Speed welding nozzle for nozzle item No. 4007 (M10) 7.5 mm triangular (M10)



**Item No. 5017**  
Tacking tip hooked for adaptor M10



**Item No. 4011**  
Insulating tube



**Item No. 5021**  
Weld seam slide



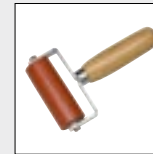
**Item No. 7000**  
Pressure roller two-armed, 45 mm



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



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



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



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

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

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

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



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



**Item No. 7010**  
Quarter moon knife



**Item No. 7011**  
Grooving tool



**Item No. 7012**  
Metal case

**Item No. 6995**  
Pressure roller one-armed, 45 mm, 45° offset (patented) ball bearing mounted

## Accessories OVAL-G



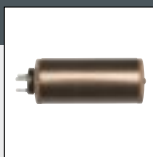
**Item No. 4031**  
Wide slot nozzle  
70 x 4 mm



**Item No. 4021**  
Wide slot nozzle  
150 x 1



**Item No. 4022**  
Wide slot nozzle  
150 x 10



**Item No. 3064**  
Heating element  
3000 W, 230 V



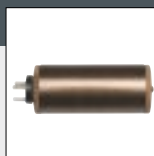
**Item No. 7012**  
Metal case

**Item No. 3065**  
Heating element  
3400 W, 230 V

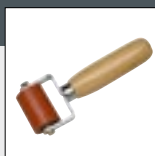
## Accessories OVAL-H



**Item No. 4003**  
Nozzle, 40 mm flat



**Item No. 3065**  
Heating element  
3000 W, 230 V for  
HOT-AIR S



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

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



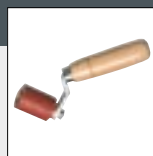
**Item No. 7001**  
Pressure roller one-  
armed, 45 mm

**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. 7006**  
Pressure roller one-  
armed, 45 mm, 45°  
offset (patented)

**Item No. 6995**  
Pressure roller one-  
armed, 45 mm, 45°  
offset (patented) ball  
bearing mounted



**Item No. 6994**  
Pressure roller 1-ar-  
med, 28mm bearing  
mounted



**Item No. 7014**  
Seam tester



**Item No. 7012**  
Metal case





Visit us on the internet  
[www.forsthoffwelding.com](http://www.forsthoffwelding.com)

 **FORSTHOFF**

FORSTHOFF Welding – experience innovation.

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