

# **FORSTHOFF** **TOOLS**

The Best Choice in Hot Air Tools



# Hot Air Welders

## THE QUICK-SE HOT AIR TOOL






The versatile Quick-SE is a light, handy, tried and tested hot air welding tool.

Ergonomic Handle Design: A tapered handle for ease of handling and use.



### FEATURES OF THE QUICK-SE:

- Well balanced motor to prevent vibration
- Overall light weight — 2 lbs, 10 oz
- Broad line of easily installed nozzles that are compatible with similar tools
- Large air intake to keep tool cool
- Replace brushes from outside the tool — no need to disassemble
- Easily replaced power cord should it become damaged
- Generates its own air with built-in blower and motor
- Electronic variable temperature control up to 1290°F (700°C)
- 12-month warranty on parts and workmanship (excluding the element and brushes)
- Snug fitting ceramic element to prolong element life
- Small handle for ease of use — ergonomically designed to make the job easier

Specifications	
Voltage	120 V, 50/60 Hz AC or 230 V, 50/60 Hz
Heating Capacity	1600 Watts, 120V (1500 Watts, 230V)
Pressure	28 mbar
Temperature	68 – 1290°F (20 – 700°C) infinitely variable
Weight	2 lbs, 10 oz
Cable	9 feet, 8 inches
Dimensions	12¼" long, 2" to 2¼" at base handle grip
Marked	   
Double Insulated	



Model#	
<b>F0151S</b>	Quick-SE 1600W 120 V
<b>F0155S</b>	Quick-SE 1500W 230 V
<b>F0154S</b>	Quick-SE 1300W 120 V
Heating Elements	
<b>F2008</b>	Heating Element (1300 watts)
<b>F2011</b>	Heating Element (1600 watts)
<b>F2007</b>	Heating Element (1500 watts 230V)

**FORSTHOFF tools**

for quality and reliability... at a reasonable price.

## THE OVAL-Q HOT AIR TOOL





This powerful new welder is equipped with a double turbine system and robust 1650W heat element to produce maximum hot air flow for your industrial welding needs. Utilizing an ergonomic oval handle design, the Oval-Q welder includes the same high quality, reliable German-made parts and workmanship as the Quick-SE welder.

The NEW Oval-Q welder has a slight oval shape that allows you to work ergonomically.

### APPLICATIONS:

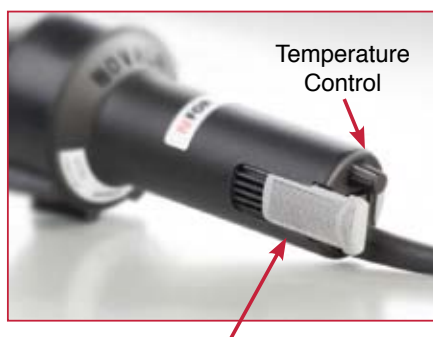
- Roof seam welding
- Flooring installations
- Repairing and making truck tarpaulins and awnings
- Overlap welding of vinyls and coated fabrics
- Tank construction
- Heating thermoplastics for forming and bending
- Drying
- Installing pool liners, roofing and flooring
- Automotive manufacturing processes
- Shrinking tubing, molded parts, sleeves, etc.
- Defrosting and warming
- Activating adhesives
- Plastic fabrication



Specifications	
Air Output	240 L/min
Heating Capacity	1650 Watts, 120V (1500 Watts, 230V)
Noise level	<70 dB
Output Temperature	≤ 1290°F (700°C)
Weight	3 lbs
Marked	  
Double Insulated	

Model#	
<b>F01560V</b>	Oval-Q (Electronic), 1650W 120 V
<b>F01550V</b>	Oval-Q (Electronic), 1500W 230 V

Heating Elements	
<b>F2009</b>	Heating Element (1650 watts)
<b>F2007</b>	Heating Element (1500 watts 230V)



You can quickly and easily clean the air filters by a simple separation from the handgrip to ensure maximum airflow and proper tool function.



# ACCESSORIES FOR QUICK-SE, OVAL-Q MINI-ELECTRONIC & HAND-HELD HOT AIR TOOLS

## Nozzles for Quick-SE, Oval-Q, Mini-Electronic & Hot Air SE



**Flat Nozzle**  
**T4002 20mm**



**Flat Nozzles**  
**T4003 40mm**



**Flat Nozzle**  
**F4004 40mm**  
perforated



**T4600 60mm 5/32**  
**T4800 80mm flat**  
nozzle



**20mm Angled**  
**Flat Nozzles**  
**FX402 90°**  
**T4060 60°**



**F5016 Shrinking**  
reflector



**F4005 Shrinking**  
nozzle 15mm  
round s

## Speed Nozzles Push-on for F4000 Adaptor



**F4000 5mm round**  
adaptor for push-  
on speed tips



**Triangular tips**  
**F5000** for 1/8" rod  
**F5001** for 5/32" rod  
**F5014** for 3/16" rod



**F5015 Tacking Tip**



**Round tips**  
**F5010 3mm**  
**F5011 4mm**  
**F5012 5mm**



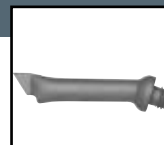
**F4007 M10**  
Adaptor for  
threaded speed tip  
welding



**Round tips**  
**F5005 3mm**  
**F5006 4mm**  
**F5007 5mm**



**Triangular tips**  
**F5002** for 1/8" rod  
**F5003** for 5/32" rod  
**F5009** for 3/16" rod



**F5004 Tacking Tip**



**F5017 Tacking Tip hooked**

## Speed Nozzles Threaded for F4007/ M10 Adaptor

## Pressure Rollers



**T6997 45mm**  
1-axe



**F6995 45mm**  
1-axe angled 45°  
(pat.)



**F6998 45mm**  
2-axe



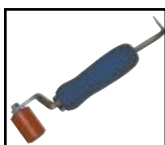
**F6996 80mm**  
2-axe



**F7005 5mm**  
Roller for round  
rod



**F7009 9mm**  
custom seal  
pressure roller



**E5032 45mm**  
padded handle  
roller with weld  
tester



**E5029 45mm**  
Padded handle  
roller



**E5200 Wrist-Saver**  
seam roller with  
soft-grip handle,  
1-7/16" dia. x 1 " w

## Accessories



**T7010**  
Quarter-moon  
knife



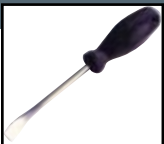
**T7011 groover**  
**T7016 V-grooving**  
blades (5)



**F5021 Weld seam**  
slide (for use with  
quarter-moon  
knife)



**F9136 Carbon**  
brush set



**E21090 Seam**  
tester 8"(L) 4"  
flared tip plastic  
handle



**E21031 7"(L) "**  
(dia.) x 3 " hook  
wood handle



**F7012 Forsthoff**  
Metal carrying  
case



**TB101 Red metal**  
carrying case



**E21100 Roofing**  
Membrane Slitter



**DC66000 Industrial**  
shears



**Ex9033 Air pressure**  
regulator 1/2"  
NPT  
**Ex9046 Mounting**  
& Coupling



**Ex9032 Auto-drain filter**  
separator 1/2" NPT,  
90SCFM  
**Ex900560 Filter element**  
**Ex900396 Mounting bracket**



## MINI-ELECTRONIC

### Compact, Lightweight Hot Air Welder



Ideal for plastic fabricators and tank manufacturers because of its light weight and ease of use. The totally insulated Mini-Electronic hot air welder has a heating capacity of 1300 Watts, 120 V. The heat is infinitely variable from 68 to 1290°F and is kept constant electronically. The required air supply can be provided by shop air. An additional control regulates the air supply. For building sites and outdoors, a hand transportable blower, model F0997, will supply the necessary air.

This unit is particularly useful in welding plastic sheeting, pipes, fittings and tank fabrication because of its easy-to-handle size.

Push-on welding tips work with the 5mm nozzle.

The M10 adaptor nozzle with threads enables screw-on welding tips to be used in welding operations.

Please see accessories on page 4.

When used with compressed air source, air regulator and filter recommended.

#### Specifications

Voltage	120V, 50/60 Hz 230V
Heating capacity	1300 Watts 120V - 1500 Watts 230V
Temperature	68 – 1290°F infinitely variable
Air requirements	80 – 250 liters/min. (3 - 5 psi)
Hose Length	9 ft.
Marks	CE



### Mini-Electronic Plastic Welding Kit



#### F1023KP Mini-E Weld Kit, includes:


F10230997	MINI-electronic 120V 1300W
F4000	Nozzle 5mm, round adaptor nozzle
F5010	3mm, round Push-on Speed Welding Nozzle
F5011	4mm, round Push-on Speed Welding Nozzle
F5012	5mm, round Push-on Speed Welding Tip
F5015	Push-on Tacking tip
BTBOX	Toolbox for Welding Kit

Model#	Description
F1023	Mini-Electronic Hot Air Welder 120V, 1300W
F1020	Mini-Electronic Hot Air Welder 230V, 1500W
F10230997	Mini-Electronic with Hand Blower, 120V
F10201022	Mini-Electronic with Hand Blower, 230V
F2008	Heat element 1300W
F4000	5mm round nozzle
F5010	3mm Push-On tip/round
F5011	4mm Push-On tip/round
F5012	5mm Push-On tip/round
F5000	5.7mm Triangular push-on tip
F5001	7mm Triangular push-on tip
F5015	Push-on tacking tip
F4007	M10 Round adaptor nozzle
F5005	3mm round thread for M10
F5006	4mm round thread for M10
F5007	5mm round thread for M10
F5002	5.7mm Triangular threaded tip
F5003	7mm Triangle threaded tip
F5004	Tacking tip thread for M10
F5017	Tacking tip hooked
Kits	
F1023KP	Mini-E Push-on Weld Kit, Round Tips
F1023KPTR	Mini-E Push-on Weld Kit, Triangle Tips
F1023KPN	Mini-E Push-on Weld Kit w/o Blower
F1023KT	Mini-E Threaded Weld Kit, Round Tips
F1023KTTR	Mini-E Threaded Weld Kit, Triangle Tips

## QUICK-L NON-ELECTRONIC HOT AIR TOOL (Not for use with Speed Weld Tips)

These low-cost tools are specially designed for tarpaulin, tent, awning fabricators and automotive upholsterers who weld one type of material in one overlap width. This tool features your choice of one or two permanent heat settings and one cool setting for cooling the unit after use. It is easy to use with its ergonomic design and constant heat for the job at hand.

When necessary, its brushes are easily replaced without disassembling the tool.

Specifications	
Double insulated	<input checked="" type="checkbox"/>
Voltage	120 V, 50/60 Hz
Temperature	Selectable in 1 or 2 permanent heat settings
Weight	2 lbs, 10 oz
Marks	


Model	
F0298	Quick-L Hot Air Tool 1600 W (2 heat settings) (630W or 1300W Element recommended for use with 20mm nozzle)
F2011	Heating Element (1600 Watt)

Please see page 4 for additional accessories.

## GRAND-SE HOT AIR TOOL & HOT AIR SE

### The powerful hot air blowers for trade and industry

- This hot air blower can be hand held or built into a machine for continuous operation.
- For use wherever hot air is needed for warming, heating, forming, shrinking or activation.
- Air flow rate of 450 liter/minute depending on the nozzle used.
- Brushes are easily changed from the outside without opening the tool.
- For the painting and decorating industry, the wide slot push-on nozzle removes old paint and varnish easily.

Specifications	
Double Insulated	<input checked="" type="checkbox"/>
Voltage	120 or 230 V, 50/60 Hz
Heating Capacity	2200 Watts or 3000 Watts
Temperature	Variable 20 - 650°C electronically controlled
Air flow rate	450 liters/min depending on nozzle used
Weight	2 lbs, 11 oz
Cable	9 ft, 10 inches
Mark	

Accessories for 20mm Barrel	
F4030	70 x 10mm Wide Slot Nozzle
F4031	70 x 4mm Wide Slot Nozzle
F7012	Metal Carrying Case

Model#	GRAND-SE
F0149S	Grand-SE (2200W, 120V) 20mm
F1043S	Grand-SE (3400W, 230V) 20mm
F1040S	Grand-SE (3000W, 230V) 20mm
F0141S	Grand-SE (3400W, 230V) 50mm

Model#	HOT AIR SE
F0150S	Hot Air SE (Electronic), 2200W, 120V
F1045S	Hot Air SE (Electronic), 3000W, 230V

Heating Elements	
F3065	3400W Heating Element 230V
F3064	3000W Heating Element 230V
F3066	2200W Heating Element 120V



High/Low Switch



HOT AIR SE



GRAND-SE

# Handheld Hot Air Tools

## THE TUBE-G HOT AIR TOOL

With tube handle design and double turbine system for even more hot air flow. Using the same high quality reliable German-made parts as the Grand-SE, the Tube-G-Electronic offers you a traditional tubular handle design with a powerful 600 L/min air output.

### APPLICATIONS

- Roof seam welding
- Flooring installations
- Repairing and making truck tarpaulins and awnings
- Overlap welding of vinyls and coated fabrics
- Tank construction
- Heating thermoplastics for forming and bending
- Drying
- Installing pool liners, roofing and flooring
- Automotive manufacturing processes
- Shrinking tubing, molded parts, sleeves, etc.
- Defrosting and warming
- Activating adhesives

Model#	
F1049T	Tube-G (Electronic) 2200W 120V, 20mm
F1040T	Tube-G (Electronic) 3000W 230V, 20mm
F1043T	Tube-G (Electronic) 3400W 230V, 20mm
F1041T	Tube-G (Electronic) 3400W, 230V, 50mm

Heating Elements	
F3065	3400W Heating Element 230V
F3064	3000W Heating Element 230V
F3066	2200W Heating Element 120V

Nozzles for 20mm Barrel	
F4030	70 x 10mm Wide Slot Nozzle
F4031	70 x 4mm Wide Slot Nozzle

See [ForsthoffTools.com](http://ForsthoffTools.com) for information

## VENTO-G (BRUSHLESS)

**The efficient brushless hot air fan with a service-friendly motor and a strong air output of 480 litres/minute**

The hot air tool, Vento-G, with brushless motor is used for in-line or off-line applications such as warming, heating, molding, shrinking and heat activation. The Vento-G allows a high-performance permanent use in industrial processes, machines and systems without maintenance of the motor. With consequential optimization of the active core elements of the motor and the use of modern individual cog winding, the power density is considerably increased in comparison to standard brushless motors.

- Plastics fitters
- Tank construction
- Manufacture of ventilation pipes
- Sealing
- Mechanical engineering
- Conveyors and materials handling technology
- Packaging industry
- Wine and spirits bottling plants
- Painting and decorating industry
- Printing and label industry
- Automotive industry

Specifications	
F1043V	Vento-G Brushless hot air tool
Voltage	230V, 50/60Hz
Power	230V 3000 W or 3400 W
Output temperature	68 – 1290°F (20 – 700°C) infinitely variable
Noise emission level	<70dB
Protection class	II/□ (double insulated)
Weight	1.5kg with mains connection lead



## TYPE 3000E HOT AIR TOOLS

### Modern hot air tools for numerous applications...

- Electronically controlled infinite heat settings in 230V AC or 380V
- Heating capacity 3000 W for a maximum temperature of 700°C (1290°F)
- Requires external air supply
- Suitable for continuous duty
- Used on conveying systems, in machines, in heating ducts and in various apparatus
- Push-on nozzles available for various applications



Specifications	
Voltage	230 V AC or 380 V
Single Phase	
Heating Elements	
Type 3000E electronically controlled:	
3000 Watt, 230 V	
3000 Watt, 380 V	
Marks:	

Model#	Description
F1072	Type 3000E Hot Air Tool, 230V, 3000 W
F1074	Type 3000E Hot Air Tool, 380V, 3000 W
F1076	Type 3000E Hot Air Tool, 120V, 1900 W

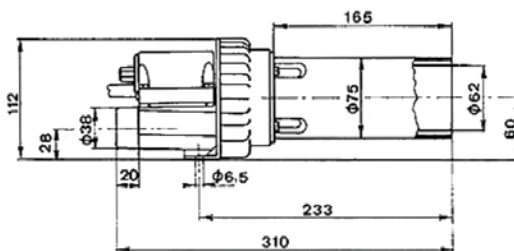
Replacement Heating Elements	
F3060	3000 Watts, 230 V
F3061	3000 Watts, 380 V

Accessories	
F4030	70 x 10mm Wide Slot Nozzle
F4031	70 x 4mm Wide Slot Nozzle
F4021	150 x 1mm Wide Slot Nozzle, Type 3000E
F4022	150 x 10mm Wide Slot Nozzle, Type 3000E

## TYPE 7500 HOT AIR TOOL

### The "flagship" of our hot air tools

- Suitable for installation in machines, heating ducts, on conveyor lines, or in apparatus because of its robust and compact design
- Heating capacity electronically controlled and infinitely variable
- Available in 5000-Watt, 7500-Watt or 10,000-Watt version— also available without electronics
- Maximum temperature 700°C (1290°F)
- Operates with external air supply
- Virtually no maintenance
- Suitable for continuous duty
- Wide slot nozzles up to 300mm are available to adapt the air flow to the individual application



Specifications	
Voltage	230-240 V 380-440 V 440-480 V
Single Phase	
Heating Capacity	5000W- 230-240V 5000W- 380-440V 7500W- 380-440V 10000W-440-480V
Mark	CE

Model#	Description
F6000	Type 7500 Hot Air Tool, 230-240 V, 5000 W
F6002	Type 7500 Hot Air Tool, 380-440 V, 5000 W
F6004	Type 7500 Hot Air Tool, 380-440 V, 7500 W
F6005	Type 7500 Hot Air Tool, 440-480 V, 10000 W

Accessories	
F4023	200 x 5-mm, Wide Slot Nozzle, Type 7500
F4024	300 x 5-mm, Wide Slot Nozzle, Type 7500

Replacement Heating Elements	
F3200	5000 Watts, 230 V
F3210	5000 Watts, 380-440 V
F3220	7500 Watts, 380-440 V

**More Process Heat Options,  
Information and Accessories  
available at  
[ForsthoffTools.com](http://ForsthoffTools.com)**



# Hot Air Welder Kits

## General Repairs Kit



- F0154S** QUICK-SE (electronics) 120V 1300W  
 T4003 Nozzle 40mm, flat  
 T4002 Nozzle 20mm, flat  
 F4000 Nozzle 5mm, round  
 F5012 5mm, round Push-on Speed Welding Nozzle  
 F5015 Push-on Tacking tip  
 T6997 Pressure roller 45mm, 1 axle  
 TB-101 Toolbox for Welding Kit, metal

**F0154KW** General Repairs Kit

## Oval-Q Basic Overlap Welding Kit



- F0156OV** Oval-Q 120V 1650W  
 T4003 Nozzle 40mm, flat  
 T6997 Pressure Roller 45mm, flat  
 TB-101 Toolbox for Welding Kit, metal

**F0156KTV** Oval-Q Overlap Welding Kit

## Flooring/Decking Kit



- F0154S** QUICK-SE (electronics) 120V 1300W  
 T4003 Nozzle 40mm, flat  
 T4000 Nozzle 5mm, round  
 F5012 5mm, round Push-on Speed Welding Nozzle  
 F5015 Push-on Tacking Tip  
 T6997 Pressure roller 50 mm, 1 axle  
 F7005 Pressure roller 5 mm, for round rod  
 F7010 Quarter-moon knife  
 F5021 Weld seam slide  
 F7011 Grooving Tool  
 TB-101 Toolbox for Welding Kit, metal

**F0154KD** Flooring/Decking Kit

## Roofing Kit



- F0156OV** Oval-Q 120V 1650W **or**  
**F0151S** Quick-SE 120V 1600W  
 T4003 Nozzle 40mm, flat  
 T4002 Nozzle 20mm, flat  
 E5032 Padded Roller with Seam probe  
 F2009 Heating Element 120V 1650W  
 DC66000 Scissors, 10" ergonomic grip  
 FG4687 UV anti-fog safety sunglasses  
 TB-101 Toolbox for Welding Kit, metal

**F0156KRV** Roofing Kit w/Oval-Q

**F0151KR** Roofing Kit w/Quick-SE

All kits available with Oval-Q or Quick-S (Electronic) Welder upon request.

## Quick-SE Push-on Speed Welding Kit



**F0154S** QUICK-SE (electronics) 120V 1300W  
**F4000** Nozzle 5mm, round  
**F5012** 5mm, round Push-on Speed Welding Nozzle  
**F5014** 7.5mm triangle Push-on Speed Welding Tip  
**F5015** Push-on Tacking tip  
**TB-101** Toolbox for Welding Kit

**F0154KPO** Push-on Speed Welding Kit Price

## Quick-SE Threaded Speed Welding Kit



**F0154S** QUICK-SE (electronics) 120V 1300W  
**F4007** Adaptor Nozzle M10 threaded  
**F5007** 5mm round (M10) threaded tip  
**F5009** 7.5mm triangle threaded tip  
**F5004** Tacking tip (M10) threaded  
**F5017** Tacking tip hooked, (M10) threaded  
**TB-101** Toolbox for Welding Kit, metal

**F0154KTH** Threaded Speed Welding Kit Price

# Automatic Overlap Welders



## FORSTHOFF-DB

### AUTOMATIC 50MM TAPE WELDING MACHINE

The FORSTHOFF-DB automatic welding machine is a very powerful device for the welding of 50mm vinyl tapes.

The automatic hot air welding machine provides a heat output of 4000 W, 230 VAC, which is continuously adjustable (electronically) up to 700°C. The drive unit is equipped with a strong motor and a heavy housing, which guarantees a speedy drive and a strong contact pressure. The device starts automatically after the welding head pivots.

In addition, the housing of the automatic welding machine is bedded through a three-point bearing, which compensates for small unevenness of the welding base. It is supported by the weight of the FORSTHOFF-DB automatic welding machine, which is integrated in the housing of the automatic welding machine.

The FORSTHOFF-DB reliably welds tapes with a width of 50 mm. The strong hot air fan in the FORSTHOFF Tube design produces air power of 600 l/min. The heat shield enhances the unwinding unit of the FORSTHOFF-DB automatic welding machine and prevents heating and deformation of the tape reel.

#### Specifications:

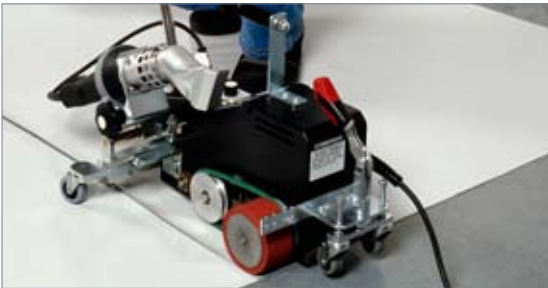
Voltage:	230 V, 50/60 Hz, 4000 Watts
Temperature:	20° - 700°C infinitely variable
Weight:	31 kg with 7m connection cable incl. weight and handle grip
Dimensions	Length 520mm, width 385mm, height 760mm (without guide handle)

Model#	Item
F1086DB	FORSTHOFF-DB Automatic 50mm Tape Welder
F3059	Heating Element 4000 Watt, 230 V

FORSTHOFF-Reinforced Tape Welder also available-  
 See [ForsthoffTools.com](http://ForsthoffTools.com) for tape width of 100mm, 125mm and 150mm







*Efficient and Maneuverable*



Convert the P2 to tape welder with 50mm Tape Kit F1091P2

Model#	Item
F1101P2	P2 Automatic Welder - 45mm Overlap Welding, 4000W, 230V
F1106P2	P2 Automatic Welder - 30mm Overlap Welding, 3300W, 230V
F1108P2	P2 Automatic Welder - 45mm Overlap Welding, 2200W, 120V
F1107P2C	P2 Roofing Welder w/Case & Weights - 40mm, 4000W, 230V
F1108P2C	P2 Roofing Welder w/Case & Weights - 40mm, 2200W, 120V
F3066	Heat element 2200W 120V
F3071L	Heat element 4000W 230V for F1125T Tube Blower
F1113P2	Hem welding kit for 20mm and 30mm hems
F1109P2	Hem welding kit for 40mm and 45mm hems
F302118	Optional Wheeled Case

Specifications	
Voltage	230 V, 50/60 Hz or 120V, 50/60 Hz
Temperature	68 - 1290°F (20 – 700°C) infinitely variable
Weight	38.5 lbs. with 23' (7m) connection cable
Dimensions	21 x 11 x 13¾ inches
Marks	   

## FORSTHOFF-P2

### the **COMPACT** AUTOMATIC WELDING MACHINE

The durable FORSTHOFF-P2 has been put to effective use in the tent, tarpaulin, advertising banner and industrial fabrics industries for over **25 years**.

The experience gained and the enhancements made to the Forplast-P are reflected in the new FORSTHOFF-P2. The FORSTHOFF-P2 offers innovative features such as:

- Available in 120V or 230V power.
- 120V unit uses convenient 20 Amp “household” power.
- Lightweight, 38 lbs. Extra weights available for welding thicker material.
- Easy to maneuver. Caster/Roller design allows for easy mobility and cuts down on wrinkles!
- Narrow and maneuverable for crease-free welding.
- Telescopic guide handle that can be conveniently adjusted to the user's body height.
- A new generation of nozzles for faster welding at up to 11m/min for 20mm overlap welds.
- Modern generation of gear motors providing a speedy and powerful drive for the welder.

The new FORSTHOFF-P2 is a universal welder and is available in three selectable basic models for 20, 30, or 40mm overlap welding. In addition, the FORSTHOFF-P2 is easy to convert to an alternative overlap width for seam welding, webbing welding and welting ropes or cords.

#### P2 Roofing Welder w/Case & Weights

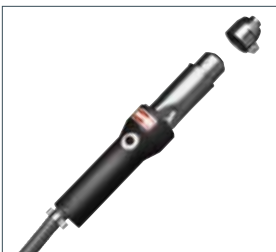
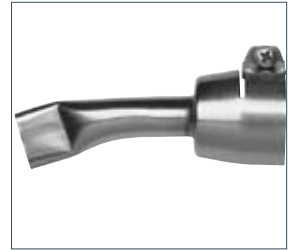
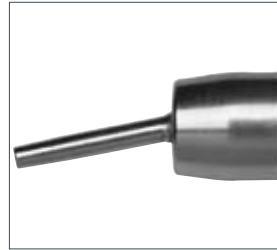
Our Roofing Welder includes 20 pound weights, redesigned nozzle and wheeled carrying case. Available in both 230V and 120V.



Heavy duty delux foam padded case included with Roofing Welder. Features a steel pullout handle and durable recessed wheels to protect and transport the machine.







 **FORSTHOFF**

[WWW.FORSTHOFFTools.com](http://WWW.FORSTHOFFTools.com)

Abbeon Cal, Inc.

1363 Donlon Street Unit 1, Ventura, CA 93003-8387

Call: 800/ 922-0977 Fax: 805/ 676-0720

e-mail: [abbeoncal@abbeon.com](mailto:abbeoncal@abbeon.com)