

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
- Large air output— 300 l/min
- 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
- Overall light weight — 2 lbs, 10 oz
- 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)
Current	Maximum 10 Amps
Air Output	300 L/min
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#	
F0151S	Quick-SE 1600W 120 V
F0155S	Quick-SE 1500W 230 V
F0154S	Quick-SE 1300W 120 V
Heating Elements	
F2008	Heating Element (1300 watts)
F2011	Heating Element (1600 watts)
F2007	Heating Element (1500 watts 230V)

FORSTHOFF tools

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

THE TUBE-Q HOT AIR TOOL

This powerful new welder is equipped with a double turbine system to produce maximum hot air flow for your industrial welding needs. Utilizing a traditional tubular handle design, the Tube-Q welder includes the same high quality, reliable German-made parts and workmanship as the Quick-SE welder.

The Tube-Q welder offers you a choice in handle designs.

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	400 L/min
Heating Capacity	1650 Watts, 120V (1500 Watts, 230V)
Noise emission	<70 dB
Weight	3 lbs, 8 oz
Marked	   
Double Insulated	

Model#	
F0156T	Tube-Q (Electronic), 1650W 120 V
F0155T	Tube-Q (Electronic), 1500W 230 V
Heating Elements	
F2009	Heating Element (1650 watts)
F2007	Heating Element (1500 watts 230V)

Temperature Control



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

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



Flat Nozzle
T4002 20mm



Flat Nozzles
T4003 40mm



Flat Nozzle
F4004 40mm
perforated



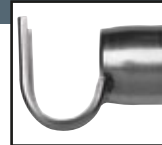
T4600 60mm 90°
T4800 80mm flat
nozzle



20mm Angled
Flat Nozzles
FX402 90°
T4060 60°



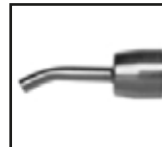
F4006 Shrinking
Nozzle 20x5mm



F5016 Shrinking
reflector



F4005 Shrinking
nozzle 15mm
round



F4008
Smoldering
Nozzle 10mm
round

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

Pressure Rollers



F6997 45mm
1-axe



F6995 45mm
1-axe angled 45°
(pat.)



F6998 45mm
2-axe



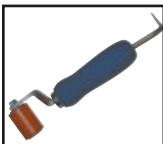
F6996 80mm
2-axe



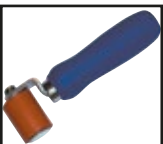
F7005 5mm
Roller for round
rod



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 1/4" 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) 1/4"
(dia.) x 3/4" 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 a compressor or 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 w/Blower
- 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

QUICK-L NON-ELECTRONIC HOT AIR TOOL

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	☒
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	☒
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

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#	
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 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

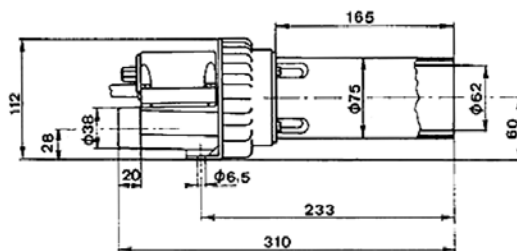
Accessories	
F4030	70 x 10mm Wide Slot Nozzle
F4031	70 x 4mm Wide Slot Nozzle
F4021	150 x 1mm Wide Slot Nozzle, Type 3000E
F4022	150 x 10mm Wide Slot Nozzle, Type 3000E

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

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 or 7500-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
-
- Technical drawing of the HPS 1000 heating element showing dimensions in mm:
- Overall length: 310
 - Distance from mounting flange to end of heating element: 233
 - Distance from mounting flange to end of nozzle: 165
 - Overall height: 112
 - Mounting flange diameter: $\phi 62$
 - Nozzle diameter: $\phi 75$
 - Heating element diameter: $\phi 6.5$
 - Distance from mounting flange to start of nozzle: 28
 - Distance from mounting flange to start of heating element: 20
 - Distance from mounting flange to start of nozzle (alternative): $\phi 38$



Specifications	
Voltage	230-240 V 380-440 V
Single Phase	
Heating Capacity	5000W- 230-240V 5000W- 380-440V 7500W- 380-440V
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

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**

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

Tube-Q Basic Overlap Welding Kit



- F0156T** TUBE-Q 120V 1650W
- T4003** Nozzle 40mm, flat
- T6997** Pressure Roller 45mm, flat
- TB-101** Toolbox for Welding Kit, metal

F0156KT TUBE-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



- F0156T** Tube-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

F0156KR Roofing Kit w/Tube-Q
F0151KR Roofing Kit w/Quick-SE

All kits available with Tube-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

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

F0154KPO Push-on Speed Welding Kit Price

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)

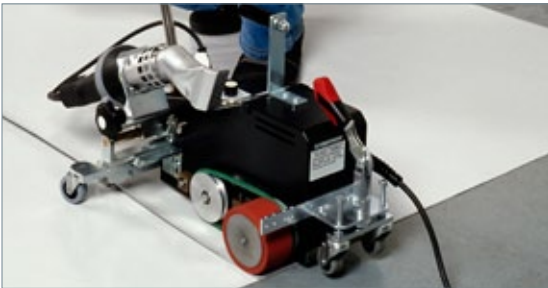
Model#	Item
F1086DB	FORSTHOFF-DB Automatic 50mm Tape Welder
F3059	Heating Element 4000 Watt, 230 V

FORSTHOFF-Reinforced Tape Welder also available-
See ForsthoffTools.com for tape width of 100mm, 125mm and 150mm

More Roofing and Automatic Welders at www.ForsthoffTools.com



Efficient and Maneuverable



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.

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

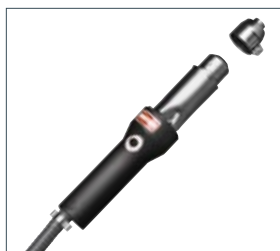
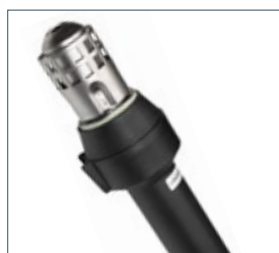
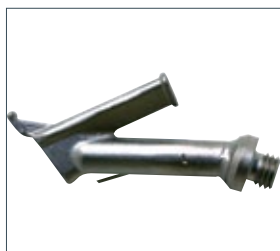
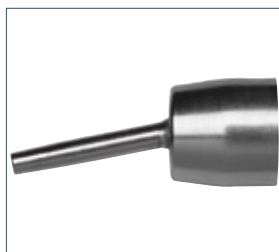
Specifications	
Voltage	230 V, 50/60 Hz or 120V, 50/60 Hz
Temperature	68 - 1290°F (20 – 700°C) infinitely variable
Weight	38.5 lbs. with 23' (7m) connection cable
Dimensions	21 x 11 x 13¾ inches
Marks	   

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



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