



The best choice in hot air tools

Contents

Pages 4-5

SKORPION™ Air Heater



Page 6

Tube-Q Hot Air Tool



Page 7

Mini-Electronic Hot Air Welder



Page 8

Grand-SE Hot Air Tool



Pages 9

Tube-G Hot Air Tool



Page 10

Vento-G (Brushless) Hot Air Tool



Page 11

Type 3000E Hot Air Tools



Page 12

Type 7500 Hot Air Tools



Pages 13-14

Hot Air Gun Tools and Accessories



Applications

Tutco SureHeat has developed hundreds of specialty products for the most demanding applications. With air temperatures quickly and accurately controllable to 1652°F (900°C), Tutco SureHeat air heaters are perfect solutions for critical industrial hot-air processes.



Aerospace

- Combustion
- Valve / Flow Simulation
- Component Testing
- Maintenance Repair & Overhaul



Automotive

- . Bonding Body Panels
- Curing Adhesives
- Vacuum Forming
- Testing and Simulation



Electronics

- Wave Soldering Air Knife
- Soldering / De-soldering
- PCB Drying Processes
- · Wire Insulation Heat-shrink



Packaging

- · Sealing / Curing
- Heat-shrinking
- Forming
- Sterilization



Medical

- Pharmaceutical Manufacturing
- Packaging Processes
- Medical Hardware Sterilization
- Wire Insulation Heat-shrink



Plastics

- Salt Removal
- · Bending / Forming of Parts
- Bonding Molded Parts
- Curing Adhesives



Textiles

- Welding plastic or vinyl fabrics
- Heat-treating specialty fabrics



Paper Printing

- Speed drying coated paper
- Adhesive activation and curing
- Ink drying

SKORPIONTM Air Heater

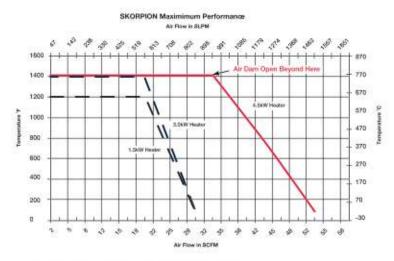
This SKORPION™ Air Heater is a complete heater, including blower and control unit that is ready to plug in and use. The heater features a convenient digital display shows the current operating temperature and built-in over-temperature protection. Models are available without the blower for use with customer supplied air source, SKORPION Air Heaters come with a two-year limited warranty.





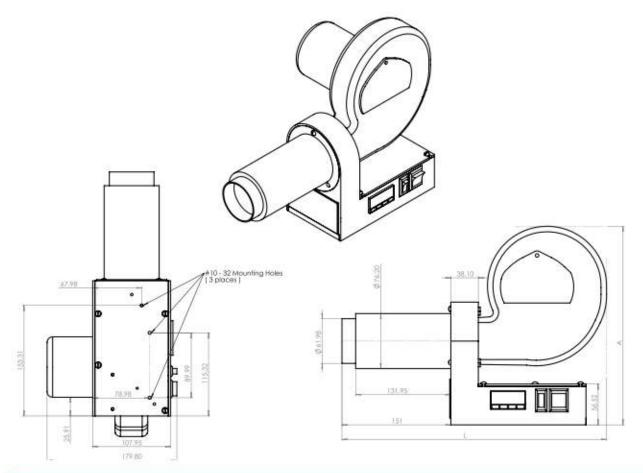
Specifications		
Heating capacity	Controllable to 1400°F (760°C)	
Power ratings	1.5kW - 4.5kW, 120/230 - 1¢	
Maximum inlet temperature	200°F (93°C)	
Minimum airflow	Recommended - 2SCFM	
Marked	(€ ≰	

Performance



^{*} Air Temperature as measured by internal Type K thermocouple.

Installation



Model Number		Max. Watts	Max. Volts	Max. Amps	Height "A"	Height "B"
075615	SKORPION™	1,5kW	120-10	12.5A	9.18"	13.38"
075616	SKORPION™	3.0kW	230-10	12.5A	9.18"	13.58"
076008	SKORPION™	4.5kW	230-10	20.0A	10.84"	14.44"
075869	SKORPION™ without blower	1.5kW	120-10	12.5A		
075835	SKORPION™ without blower	3.0kW	230-14	12.5A		
076029	SKORPION™ without blower	4.5kW	230-10	20.0A		

Accessories		
075744	High flow nozzle	21mm (1") diameter opening - slip on mount with set screw
075745	Standard flare	150mm x12mm (6"x0.5") opening - slip-on mount with set screw
075746	Wide flare	300mm x 4mm (12"x0.16") - slip-on mount with set screw







075745



The TUBE-Q Hot Air Tool

This powerful 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 only high quality German-made parts including motor, circuit board and heat element. A large assortment of nozzles and accessories (pages 10 & 11) are available for use with the Tube-Q welder for your various welding needs.





Rear controls



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	●693 (€	
Double Insulated	□	

Model Number	Description	
F077164	120V, 1650W, Heat Gun	
F077166	230V, 1500W, Heat Gun	

Heating Element	Description
F077165	120V, 1650W, Replacement Heating Element
F077167	230V, 1500W, Replacement Heating Element

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 F077207, 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. 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	Cf	

Model Number	Description	
F077205	120V, 1300W, Heat Gun	
F077207	120V, Mini Blower	
F077208	120V, 1300W, Mini Heat Gun with Blower	
F077209	230V, 1500W, Mini Heat Gun with Blower	

Mini-Electronic Weld Kits	Description
F077212	120V, 1300W, Mini Kit, Push-On Round Tips
F077213	120V, 1300W, Mini Kit w/o Blower, Push-On Round Tips
F077214	120V, 1300W, Mini Kit, Push-On Triangle Tips
F077215	120V, 1300W Mini Kit, Threaded Round Tips
F077216	120V, 1300W, Mini Kit, Threaded Triangle Tips

Heating Element	Description
F077206	120V, 1300W Replacement Heating Element
F077167	230V, 1500W, Replacement Heating Element

Grand-SE Hot Air Tool

The powerful hot air blowers for trade and industry



Features:

- Hot air blower can be hand held or built into a machine for continuous operation.
- 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	
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 in.
Mark	Cé

Model Number	Description	
F077319	120V, 2200W Heat Gun, 20mm	
F077320	230V, 3000W Heat Gun, 20mm	
F077321	230V, 3400W Heat Gun, 20mm	

Heating Element	Description
F077200	120V, 2200W, Replacement Heating Element
F077202	230V, 3400W, Replacement Heating Element
F077203	230V, 3000W, Replacement Heating Element

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
- Shrinking tubing, molded parts, sleeves, etc.
- Defrosting and warming
- Activating adhesives



Specifications		
Voltage	120 or 230 V, 50/60 Hz	
Heating Capacity	2200 Watts or 3000 Watts or 3400 Watts	
Temperature	20-700° C, infinitely variable	
Air Flow Rate	600 L/Min air flow	
Weight	1.5 kg with mains connection lead	
Protection Class	II / ☐ (double insulation)	

Model Number	Description	
F077199	120V, 2200W, Heat Gun, 20mm	
F077201	230V, 3400W, Heat Gun, 20mm	

Heating Element	Description
F077200	120, 2200W, Replacement Heating Element
F077202	230V, 3400W, Replacement Heating Element

Vento-G (Brushless) Hot Air Tool

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 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.



Applications:

- 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		
Voltage	230V, 50/60 Hz	
Power	230V, 3000W or 3400W	
Output Temperature	68 - 1290°F (20-700°C)	
Noise Emission Level	<70 dB	
Double Insulated		
Weight	1.5 kg with mains connection lead	
Protection Class	II / □ (double insulation)	

Model Number	Description
F077204	230V, 3400W, Heat Brushless, 20mm
Heating Element	Description
F077202	230V, 3400W, Replacement Heating Element

230V, 3000W, Replacement Heating Element

F077203

Type 3000E Hot Air Tools Modern hot air tools for numerous applications



Features:

- Electronically controlled infinite heat settings in 120, 230 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

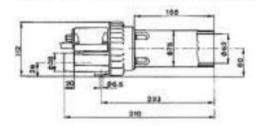
Voltage	120, 230 or 380V
	Single Phase
Heating Elements	Type 3000E electronically controlled 1900W, 120V 3000W, 230V 3000W, 380V
Marks	⊚ ਛ (€
Model Number	Description
F077295	Type 3000E, 230V, 3000W
F077296	Type 3000E 380V, 3000W
F077305	Type 3000E, 120V, 1900W
Heating Element	Description
F077278	230V, 3000W Replacement heating element
F077279	380V, 3000W Replacement heating element
F077317	120V, 1900W Replacement heating element.
Nozzles	Description
F206790	150x1mm Wide Slot Nozzle, Type 3000/3000E
F206791	150x10mm Wide Slot Nozzle, Type 3000/3000E
F206757	Wide Slot Nozzle, 70x10mm
F206758	Wide Slot Nozzle, 70x4mm

Type 7500 Hot Air Tools The "flagship" of our hot air tools



Features:

- 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 versionalso 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	230V - 240V 380 - 440V	
	Single Phase	
Heating Elements	5000W - 230-240V 5000W - 380-440V 7500W - 380-440V	
Marks	(E	

Description	
Type 7500, 230-240V, 5000W	
Type 7500, 380-440V, 5000W	
Type 7500, 380-440V, 7500W	
Type 7500. 380-440V, 10000W	
	Type 7500, 230-240V, 5000W Type 7500, 380-440V, 5000W Type 7500, 380-440V, 7500W

Heating Element	Description 230V 5000W Replacement Heating Flement	
F077280	230V, 5000W Replacement Heating Element	
F077281	380-440V, 5000W Replacement Heating Element	
F077282	380-440W, 7500W Replacement Heating Element	
Type Teach		

Nozzles	Description	
F206792	200x5mm Wide Slot Nozzle, Type 7500	
F206793	300x5mm Wide Slot Nozzle, Type 7500	

Heat Gun Accessories

Nozzles for Quick-SE, Tube-Q, Mini-Electric and Hot Air SE



Flat Nozzle F206720 20mm



Flat Nozzle F206625 40mm



Flat Nozzle F206723 40 mm perforated



Flat Nozzle F206727 60mm F206728 80mm



20mm Angled Flat Nozzle F206721 90° F206722 60°



Shrinking Nozzle F206725 20x5mm



Shrinking Reflector F206627



Shrinking Nozzle F206724 15mm round



Soldering Nozzle F206726 10mm round



Brush Kit for Mini-electronic blower and Grand-SE F206632



Brush Kit for Tube tools F077328

Speed Nozzles - Push on for F206624 Adaptor



5mm Round Adaptor for Push-On Speed Tips F206624



Round Tips F206730 4mm F206731 5mm



Tacking Tip F206630



Triangular Tips F206732 for 1/8" roda F206733 for 5/52" roda F206734 for 3 1/16" roda

Speed Nozzles - Threaded for F206626 M10 Adaptor



M10 Adaptor for Threaded Speed Tip Welding F206626



Round Tips F206735 3mm F206736 4mm F206737 5mm



Triangular Tips F206738 for 1/8" rods F206739 for 5/32" rods F206740 for 3 1/16" rods



Tacking Tips F206631



Tacking Tips Hooked F206741

Heat Gun Tools

Pressure Rollers



45mm 1 Axle F206742



45mm 1 Axle 45° F206743



45mm 2 Axle F206744



80mm 2 Axle F206745



5mm Roller for Round Rod F206746



9mm Custom Seal Pressure Roller F206747

Accessories



Quarter-Moon Knife V-Grooving Tool F206748



F206750 F206751 Blades 5



Weld Seam Slide F206749



Industrial Heat Sources

PO Box 770327 1414 Riverside Drive, Suite 204 Lakewood, Ohio, 44107 Tel: 844-862-7880 Fax: 216-862-7979

Email: info@ihshotair.com Website: www.ihshotair.com