



HAND-HELD WELDING TORCHES

QUICK-S-ELECTRONIC
QUICK-L-ELECTRONIC
GRAND-S-ELECTRONIC
HOT-AIR S
QUICK-L
ROBUST-L
MINI-ELECTRONIC

Hot Air Welding
ergonomic and innovative





Ergonomic and innovative design.

QUICK-S-ELECTRONIC



The manual welding equipment from the S-Line product range. An ergonomic and innovative design combined with state-of-the-art technology for welding and for the processing of thermoplastics.

The hot-air welding equipment Quick-S-Electronic stands out for its unique ergonomic handle. Thanks to its ergonomics and light weight the user can handle the equipment professionally and effortlessly.

The equipment has a heat output of 1500 Watts 230 V and a constant and completely reliable electronic control for temperatures up to 700 °C.

Moreover, the equipment is easy to service thanks to a new motor generation with considerably increased carbon service lives of more than 1,500 hours. The collector carbons are also equipped with a disconnection organ, which prevents damage to the motor after the carbon brushes have been worn down. The collector carbons can be changed several times. Carbons can be easily changed from the outside without the need to open up the equipment.

The air-cooled heating element pipe is suitable for various different shapes of nozzle.

The all-round equipment for the welding all thermoplastics, technical textiles, tarpaulin sheets, pond sheeting, roof sheeting and swimming pool construction sheeting.

- For the repair of car tarpaulin and tents, welding of PVC floor coverings and linoleum
- For the processing of all thermoplastic hard materials in plastic treatment and container construction
- Shrinking of packaging film and shaped parts
- Separating and merging of synthetic threads and fabrics
- Sterilising of packaging materials
- Plastic deflashing and polishing of plastic surfaces
- For use in electromechanical work
- Shrinking of heat shrink tubing, packaging film
- Heating for deforming thermoplastic semi-finished products

Model	QUICK-S-ELECTRONIC
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	1.2 kg with mains connection lead
Protection class	II /  (double insulation)



Easy to handle, lightweight.

QUICK-L-ELECTRONIC



CE

The latest generation of our easy to handle, lightweight and reliable hot air welding torch Quick-L-Electronic.

The hot air welding torch Quick-L-Electronic is characterised by a small handle that is both easy to grip and easy to use. Combined with a strong heat output of 1500 W 230V, the low-weight torch facilitates professional and fatigue-free welding.

- In addition, the torch is equipped with a cold stage that can be switched on without changing the preselected heating stage.
- The motor's commutator carbons can be replaced several times, thus facilitating a continuous operation of the device. The carbons are easy to replace from the outside without having to open the device.
- New! Our hand-held welding torches' carbon brushes are equipped with a safety lock that prevents damage to the motor when the carbons are used up.

- The air-cooled heating element pipe matches numerous different nozzle shapes.
- The all-purpose device for welding any type of thermoplastic resin, technical textiles, tarpaulin materials, pond liners, roofing foils and foils used in swimming pool construction.
- Can be used to repair truck tarpaulins and tents, to weld PVC floor coverings and linoleum
- Processing of hard thermoplastic materials used in plastics and tank construction
- For installation in machines and on conveyor belts
- For use in repair shops to repair plastic parts in motorcars and motorbikes
- For use in electromechanical work

Model	QUICK-L-ELECTRONIC
Nominal voltage range	230 V 50/60 Hz or 120 V 50/60 H
Heat output	1500 W 230 V or 1650 W 120 V
Temperature	20–700 °C, infinitely variable
Weight	1.2 kg with 3 m connection cable
Dimensions	Length 320 mm, handle diameter 52 mm
Protection class	II / (double insulation)



Innovative design combined with state-of-the-art technology.

GRAND-S-ELECTRONIC



The hot-air blower from the S-Line product range. Ergonomic and innovative design combined with state-of-the-art technology for the processing of thermoplastics.

The hot-air blower Grand S-Electronic is used anywhere hot air flows, is required for warming up, heating, deforming, shrinking and activating.

The choice of heat output of either 3000 W or 3400 W 230 V can be seamlessly adjusted from room temperature to 700 °C. The device is fitted with a new and very reliable electronic temperature control. The air output is, depending on nozzle, 450 litres/min.

The air flow can be changed by various plug-on nozzles, meaning that various uses are possible.

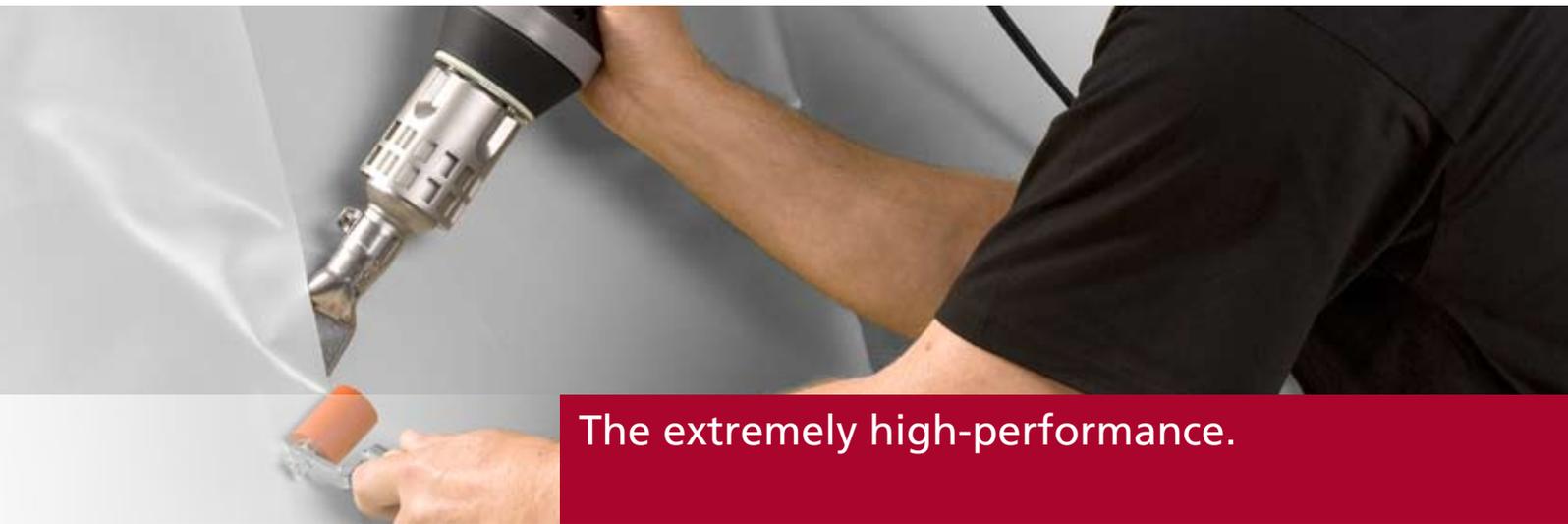
The hot air blower Grand S-Electronic stands out for its unique ergonomic handle. Thanks to its ergonomics and light weight the user can handle the equipment professionally and effortlessly.

Moreover, the equipment is easy to service thanks to a new motor generation with considerably increased carbon service lives of more than 1,500 hours. The collector carbons are also equipped with a disconnection organ, which prevents damage to the motor after the carbon brushes have been worn down. The collector carbons can be changed several times. Carbons can be easily changed from the outside without the need to open up the equipment.

With its 1400 g weight and 3 m lead the Grand S-Electronic is light, meaning it can be used purely as hand equipment and for installation into various machines.

- For installation into machines and on conveyer belts
- For use in repair shops for the repair of plastic components on cars and motorcycles
- For use in electromechanical work
- Shrinking of heat shrink tubing, packaging film
- Heating for deforming thermoplastic semi-finished products
- Drying of wet and damp surfaces
- Thawing out of frozen water pipelines
- Removal of old shellac and epoxy resin
- Activating and detaching of solvent-free adhesives and hot-melt adhesives
- Drying and heating processes of all kinds
- Shrinking of packaging film and shaped parts
- Separating and merging of synthetic threads and fabrics
- Sterilising of packaging materials
- Plastic deflashing and polishing of plastic surfaces

Model	GRAND-S-ELECTRONIC
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
Protection class	II /  (double insulation)
Weight	1.4 kg with mains connection lead



The extremely high-performance.

HOT-AIR S



The handy and extremely high-performance hot-air welding equipment from the S-Line range. Ergonomic and innovative design combined with state-of-the-art technology for welding and for processing thermoplastics

High-performance and efficient welding of dump sheets, pond sheets and heavy tarpaulins.

Furthermore, the equipment can be used in the automobile industry for the hardening of filling compound and for the activation of plastic components.

The heat output of 3000 W 230 V can be adjusted seamlessly from room temperature to 700 °C.

The equipment is fitted with a new and very reliable electronic temperature control and perfect overlap welding is possible in conjunction with the 40 mm sheet die.

Moreover, the equipment is easy to service thanks to a new motor generation with considerably increased carbon service lives of more than 1,500 hours. The collector carbons are also equipped with a disconnection organ, which prevents damage to the motor after the carbon brushes have been worn down. The collector carbons can be changed several times. Carbons can be easily changed from the outside without the need to open up the equipment.

Despite its robustness and efficiency, the Hot-Air S is lightweight equipment weighing 1400 g with a 3 m lead. The device is therefore a modern tool which industrial firms like using.

Extensive accessories top off the use of the HOT-AIR S for welding heavy sheets and tarpaulins.

Model	HOT-AIT S
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
Protection class	II /  (double insulation)
Weight	1.4 kg with mains connection lead



Easy to handle for the tarpaulin industry.

QUICK-L

The latest generation of our easy to handle, light-weight and reliable hot air welding torch Quick-L-Electronic.

- Modification of the reliable model Quick-L-Electronic. Instead of the infinitely variable temperature setting known from this device, the Quick-L is equipped with two fixed heating stages with additional cold stage.

- As the welding of tarpaulins, tents and awnings is often only carried out with one type of material and in one welding width only, an uncomplicated device equipped with heating stages is best suited for the processing firm.

- The device's heat output is adapted to the 20 mm or 40 mm wide slip-on nozzles required by the tarpaulin manufacturer.

- Heat output in conjunction with flat nozzle
20 mm: 900 W 230V

- Heat output in conjunction with flat nozzle
40 mm: 1500 W 230V

- The motor's commutator carbons can be replaced several times, thus facilitating a continuous operation of the device. The carbons are easy to replace from the outside, without having to open the device.

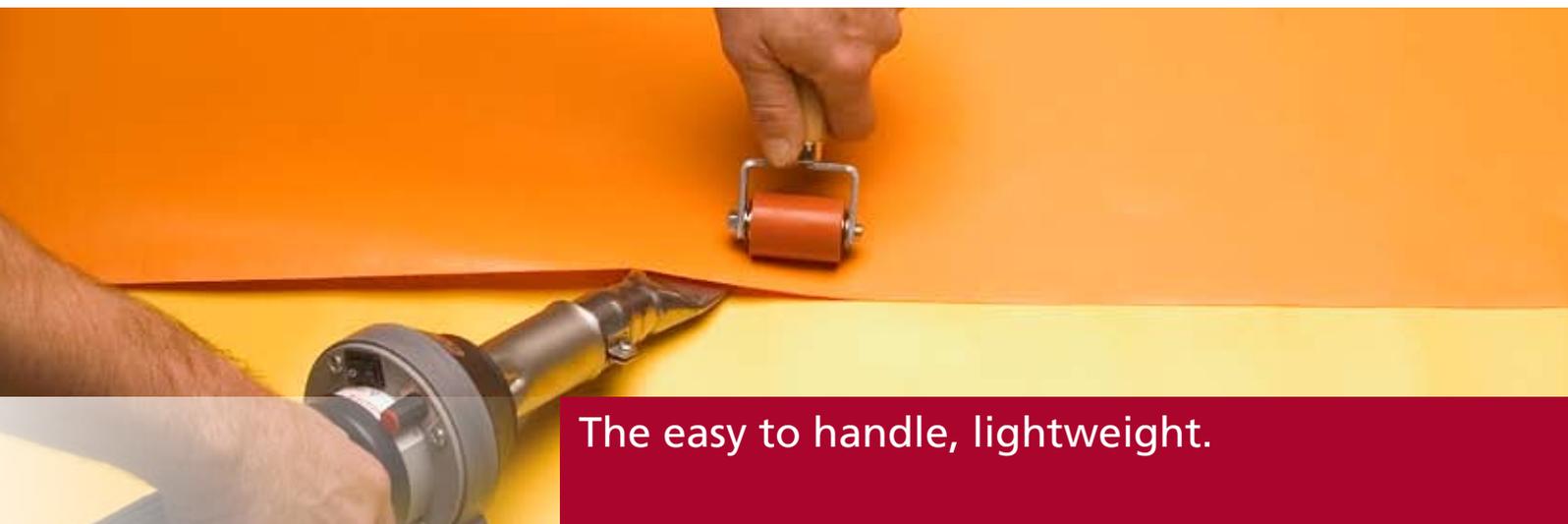
- New! Our hand-held welding torches' carbon brushes are equipped with a safety lock that prevents damage to the motor when the carbons are used up.

- The tarpaulin welding device QUICK-L with versatile accessories to weld truck tarpaulins, tents and awning materials.



CE

Model	QUICK-L
Voltage	230 V 50/60 Hz or 120 V 50/60 H
Heat output	Depending on slip-on nozzle 900 W 230 V or 1500 W 230 V
Temperature	Switchable in two fixed heating stage
Weight	1.2 kg with 3 m connection cable
Dimensions	Length 320 mm, handle diameter 52 mm
Protection class	II /  (double insulation)



The easy to handle, lightweight.

ROBUST-L

The easy to handle, lightweight and uncomplicated hand-held welding torch for the tarpaulin industry.

- This device is only equipped with one fixed heating stage with additional cold stage and can thus be considered an economic tarpaulin welding device for car upholsterers.
- The tarpaulin processor is able to weld his PVC material at a constant heat output and in addition enjoys all the benefits of professional and fatigue-free welding thanks to the device's ergonomic handle and the familiar industrial quality.
- As on all FORSTHOFF hand-held welding torches with integrated fan, the commutator carbons

on model Robust-L are easy to replace from the outside, without having to open the device.

- This device also offers the new feature of carbon brushes with safety lock. When the carbons are used up, the motor stops to avoid damage to the commutator and consequently repair costs.
- The device's heat output is adapted to the 20 mm or 40 mm wide slip-on nozzles required by the tarpaulin manufacturer.
- The hot-air welding device Robust-L with accessories for welding tarpaulin materials.



Model	ROBUST-L
Voltage	230 V 50/60 Hz or 120 V 50/60 Hz
Heat output	depending on slip-on nozzle 900 W 230 V or 1500 W 230 V/1230 V
Temperature	Adjustable maximum output
Weight	1.2 kg with 3 m connection cable
Dimensions	Length 320 mm, handle diameter 52 mm
Protection class	II /  (double insulation)



The small and light.

MINI-ELECTRONIC



Small and light-weight hot air welding gun.

- Due to its light weight and handiness, the insulated welding gun MINI-electronic is perfectly suited for plastics fitters and tank manufacturers.
- The heat output of 1500 W 230 V is infinitely variable between 20 and 700 °C and is kept constant by an electronic control system. In addition, it is possible to adjust the required air flow by means of an additional rotary knob.
- The device requires an external air supply, such as a side channel blower, fan or compressor. We additionally offer a mobile hand-held fan that is easy to carry and supplies the required air on construction sites and in the field.

If necessary, it is possible to equip the welding gun with a threaded slip-on nozzle M 10. This slip-on nozzle permits the use of screw-on quick-weld nozzles, which are preferably used in plastics and tank construction due to their high degree of stability.

The welding gun MINI-electronic can be equipped with numerous accessories for welding plastic plates, pipes, components and tanks.

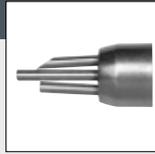
At construction sites and for use in the field, the additionally available hand-held fan supplies the required air flow.

Model	MINI-ELECTRONIC
Voltage	1500 W 230 V 50/60 Hz or 1300 W 120 V 50/60 Hz
Temperature	20-700 °C, infinitely variable
Air requirement	80 – 250 litres/min
Weight	0.395 kg + 3 m connection cable
Dimensions	Length 270 mm, handle diameter 54 mm
Protection class	II /  (double insulation)

Accessories QUICK-S-ELECTRONIC, QUICK-L-ELECTRONIC and MINI-ELECTRONIC



Item No. 4000
Round nozzle, 5 mm



Item No. 4001
Triple nozzle, round



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. 4006
Shrink nozzle 20 x 5 mm



Item No. 4007
Adapter with thread M 10



Item No. 4008
Soldering nozzle 10 mm, round



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 triangle, to screw-on, for adaptor M10



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



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



Item No. 5004
Tacking welding tip 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. 6999
Tape guide for item No. 7000



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



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

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. 7002
Pressure roller two-armed, 80 mm



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



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. 6996
Pressure roller two-armed, 80 mm, ball bearing mounted

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

Accessories GRAND-S-ELECTRONIC



Item No. 4030
Wide slot nozzle
70 x 10 mm



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



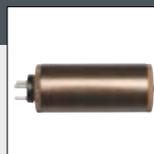
Item No. 7012
Metal case

Item No. 3065
Heating element
3400 W, 230 V

Accessories HOT-AIR S



Item No. 4003
Nozzle, 40 mm flat



Item No. 3064
Heating element
3000 W, 230 V for
HOT-AIR S



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



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



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



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



Item No. 7012
Metal case

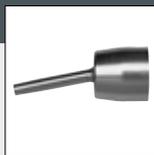
Item No. 6998
Pressure roller two-
armed, 45 mm, ball
bearing mounted

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. 6995
Pressure roller one
armed, 45 mm, 45°
offset (patented) ball
bearing mounted

Accessories QUICK-L and ROBUST-L



Item No. 4000
Round nozzle, 5 mm



Item No. 4002
Nozzle, 20 mm flat



Item No. 4003
Nozzle, 40 mm flat



Item No. 2004
Heating element
900 W



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



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



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



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

Item No. 2007
Heating element
1500 W

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. 6995
Pressure roller one-
armed, 45 mm, 45°
offset (patented) ball
bearing mounted



Item No. 7012
Metal case

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FORSTHOFF GmbH
Freiheitstraße 24
D-42719 Solingen

Phone: +49 (0) 212 - 33 60 52
Fax: +49 (0) 212 - 33 69 16

E-Mail: info@forsthoffwelding.com
www.forsthoffwelding.com