



technical plastics · machinery

HAND WELDING TOOLS

& hot-gas welding tools

Product overview of the professional hand tools



The hot-air and hot-gas welding tools are suitable for plastic welding, shrinking and forming thermoplastics, for welding work, vehicle repairs and much more. Thanks to the various tools and numerous additional nozzles, the professional hand tools find their use in the processing of thermoplastics.

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Quick comparison

All eight hand welding tools at a glance. Detailed technical data and descriptions follow in the individual sections.

Tool	Power	Air volume	Temperature	Weight	Typical application
Oval-Q	max. 1600W	280 l/min	20 – 700 °C	1,4 kg	Universal tool, all thermoplastics
Quick-L-electronic	max. 1600W	300 l/min	20 – 700 °C	1,2 kg	Tarpaulin processors, continuously variable
Quick-S-electronic	max. 1600W	240 l/min	20 – 700 °C	1,2 kg	Ergonomic grip, universal
Oval-H	up to 3000W	280 l/min	20 – 700 °C	1,5 kg	Heavy membranes, roofing/landfill
HOT AIR S	up to 3000W	240 l/min	20 – 700 °C	1,4 kg	Heavy membranes, S-Line
Quick-L-switchable	900 / 1500W	300 l/min	max. 700 °C	1,2 kg	Tarpaulins, 2 fixed heat settings
Robust-L	900 / 1500W	300 l/min	max. 700 °C	1,2 kg	Entry level, fixed heat setting
Quick-L-el. poti	max. 1600W	300 l/min	20 – 700 °C	1,2 kg	Special machinery, potentiometer

Oval-Q

Professional universal hot-air tool for all thermoplastics



Highlights

- **Professional universal hot-air tool**
- **Robust hot-gas welding tool suitable for construction sites**
- **Continuously adjustable temperature**
- **Twin-turbine system and easy-to-change filters**

Description

The Oval-Q is a handy and modern hot-air tool used as a professional tool for joining, processing, welding, shrinking and forming a wide variety of thermoplastics.

The easy-to-clean and visually appealing air filters complement the practical and robust design. Like all tools in this series, this newly developed tool also contains a powerful motor made in Germany. The twin-turbine system produces a strong air output of 280 litres/minute. An ergonomic, slim grip rounds off the solid design and enables professional, fatigue-free work. It is the handy and powerful universal welding tool for welding all thermoplastics.

The tool has a heating power of 1500W 230V or 1600W 120V and constant, absolutely reliable control electronics for temperatures up to 700 °C. The Oval-Q only requires a change of carbon brushes after 1,500 hours. The commutator brushes are equipped with a cut-out device that prevents damage to the motor once the brushes are worn. The carbon brushes can be replaced several times.

The air-cooled heating element tube is compatible with a wide range of push-on nozzles. This makes the Oval-Q a powerful universal hot-air welding tool for welding all thermoplastics, technical textiles, tarpaulin materials, banner fabrics, pond liners, roofing membranes and pool-construction membranes. In addition, it is used to activate, heat, deform and shrink numerous thermoplastic materials.

Technical data

Voltage	230V; 120V
Power	max. 1600W
Frequency	50/60 Hz
Temperature	20 – 700 °C
Air volume	280 l/min
Dimensions	Ø 334 x 95 mm, grip Ø 58 mm
Weight	1.4 kg with 3m connection cable
Conformity marks	CE; EAC
Protection class	II

Accessories

Push-on nozzles

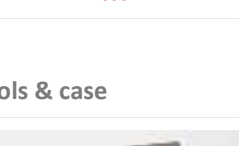
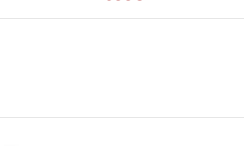
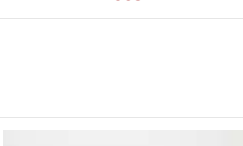
 Tubular nozzle 5mm 4000	 Wide-slot nozzle 20mm, 90° angled 4002.90	 Tubular nozzle 15mm 4005	 Wide-slot nozzle 60mm 4060
 Wide-slot nozzle 20mm 4002	 Wide-slot nozzle 40mm 4003	 Nozzle adapter M10 4007	 Wide-slot nozzle 90mm 4090
 Wide-slot nozzle 20mm, 15° angled 4002.15	 Wide-slot nozzle 40mm, 60° angled 4003.60	 Nozzle adapter M14 4008	 Wide-slot nozzle 20mm, 60° angled 4002.60
 Wide-slot nozzle 40mm, perforated 4004	 Tubular nozzle 5mm, 150mm long 4000.V	 Tubular nozzle 5mm, reinforced version 9701	 Insulating tube 4011

Speed welding nozzles & tacking nozzles

 Spoon reflector 5016	 Speed welding nozzle 5.7 mm triangular, push-on for 4000 5000	 Speed welding nozzle 5 mm round, push-on for 4000 5012	 Tacking nozzle, push-on for 4000 5015
 Speed welding nozzle 5.7 mm triangular, screw-on M10 5002	 Speed welding nozzle 4 mm round, screw-on M10 5006	 Tacking nozzle curved, screw-on M10 5017	 Speed welding nozzle 7 mm triangular, push-on for 4000 5001
 Speed welding nozzle 5 mm triangular, push-on for 4000 5013	 Speed welding nozzle 7 mm triangular, screw-on M10 5003	 Speed welding nozzle 5 mm round, screw-on M10 5007	 Speed welding nozzle 3 mm round, push-on for 4000 5010
 Speed welding nozzle 7.5 mm triangular, push-on for 4000 5014	 Tacking nozzle, screw-on M10 5004	 Speed welding nozzle 5 mm triangular, screw-on M10 5008	 Speed welding nozzle 4 mm round, push-on for 4000 5011
 Speed welding nozzle 5 mm round for polyolefin, push-on for 4000 5022	 Speed welding nozzle 3 mm round, screw-on M10 5005	 Speed welding nozzle 7.5 mm triangular, screw-on M10 5009	

Pressure rollers & tools

 Pressure roller PTFE 28 mm ball-bearing 6991	 Pressure roller silicone 45 mm 45° angled ball-bearing 6995	 Pressure roller silicone 45 mm two-arm 7000	 Pressure roller silicone 45 mm 45° angled 7006
			

Pressure roller PTFE 45 mm ball-bearing 6992 	Pressure roller silicone 80 mm ball-bearing 6996 	Pressure roller silicone 45 mm single-arm 7001 	Pressure roller for inch web 7 mm 7007 
Pressure roller brass convex 30 mm 6993 	Pressure roller silicone 45 mm ball-bearing single-arm 6997 	Pressure roller silicone 80 mm 7002 	Pressure roller for inch web 9 mm 7009 
Pressure roller silicone 28 mm ball-bearing 6994 	Pressure roller silicone 45 mm ball-bearing two-arm 6998 	Pressure roller brass 5 mm for welding rod 7005 	

Tools & case

 Weld seam carriage 5021	 Paring knife 7018	 Quarter-moon knife 7010	 Seam finisher 7020
 Joint plane 7011	 Cleaning brush brass for speed welding nozzles 3-5mm 7026	 Weld seam tester 7014	 Tool case 7025

Heating elements & insulating tube

 Heating element 1500W 230V 2007	 Heating element 1600W 120V 2011	 Heating element 1300W 120V 2008	 Heating element 1650W 120V 2009
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Quick-L-electronic

Popular hot-air tool among tarpaulin processors with its own air supply



Highlights

- **Popular hot-air tool among tarpaulin processors**
- **Robust hot-gas welding tool suitable for construction sites**
- **Continuously adjustable temperature with an additional cold setting**
- **Its own powerful air supply**

Description

The powerful Quick-L-electronic hot-air tool is used for welding thermoplastics by tarpaulin processors, plastics processors, floor layers and many more.

The Quick-L-electronic hot-air welding tool is characterised by its very handy and easy-to-use small grip. Combined with its strong heating power of 1500W 230V and up to 1600W 120V and its low weight, it enables professional, fatigue-free welding.

In addition, the tool has a cold setting without changing the heat preselection. The motor's commutator brushes can be replaced several times, allowing continuous operation of the tool. The brush change is easy to carry out from the outside, without opening the tool. The carbon brushes only need to be replaced after 1,500 hours and are equipped with a cut-out device that prevents damage to the motor once the brushes are worn.

The air-cooled heating element tube fits numerous different nozzle shapes. The Quick-L-electronic is a universal tool for welding all thermoplastics, technical textiles, tarpaulin fabrics, pond liners, roofing membranes and pool-construction membranes.

Technical data

Voltage	230V; 120V
Power	max. 1600W
Frequency	50/60 Hz
Temperature	20 – 700 °C
Air volume	300 l/min
Dimensions	Ø 320 x 95 mm, grip Ø 48 mm
Weight	1.2 kg with 3m connection cable
Conformity marks	CE; EAC
Protection class	II

Accessories

Push-on nozzles

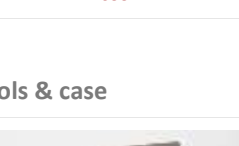
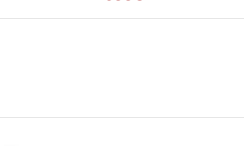
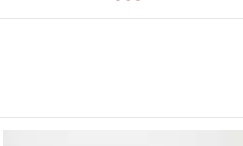
 Tubular nozzle 5mm 4000	 Wide-slot nozzle 20mm, 90° angled 4002.90	 Tubular nozzle 15mm 4005	 Wide-slot nozzle 60mm 4060
 Wide-slot nozzle 20mm 4002	 Wide-slot nozzle 40mm 4003	 Nozzle adapter M10 4007	 Wide-slot nozzle 90mm 4090
 Wide-slot nozzle 20mm, 15° angled 4002.15	 Wide-slot nozzle 40mm, 60° angled 4003.60	 Nozzle adapter M14 4008	 Wide-slot nozzle 20mm, 60° angled 4002.60
 Wide-slot nozzle 40mm, perforated 4004	 Tubular nozzle 5mm, 150mm long 4000.V	 Tubular nozzle 5mm, reinforced version 9701	 Insulating tube 4011

Speed welding nozzles & tacking nozzles

			
Spoon reflector 5016	Speed welding nozzle 5.7 mm triangular, push-on for 4000 5000	Speed welding nozzle 5 mm round, push-on for 4000 5012	Tacking nozzle, push-on for 4000 5015
			
Speed welding nozzle 5.7 mm triangular, screw-on M10 5002	Speed welding nozzle 4 mm round, screw-on M10 5006	Tacking nozzle curved, screw-on M10 5017	Speed welding nozzle 7 mm triangular, push-on for 4000 5001
			
Speed welding nozzle 5 mm triangular, push-on for 4000 5013	Speed welding nozzle 7 mm triangular, screw-on M10 5003	Speed welding nozzle 5 mm round, screw-on M10 5007	Speed welding nozzle 3 mm round, push-on for 4000 5010
			
Speed welding nozzle 7.5 mm triangular, push-on for 4000 5014	Tacking nozzle, screw-on M10 5004	Speed welding nozzle 5 mm triangular, screw-on M10 5008	Speed welding nozzle 4 mm round, push-on for 4000 5011
			
Speed welding nozzle 5 mm round for polyolefin, push-on for 4000 5022	Speed welding nozzle 3 mm round, screw-on M10 5005	Speed welding nozzle 7.5 mm triangular, screw-on M10 5009	

Pressure rollers & tools

			
Pressure roller PTFE 28 mm ball-bearing 6991	Pressure roller silicone 45 mm 45° angled ball-bearing 6995	Pressure roller silicone 45 mm two-arm 7000	Pressure roller silicone 45 mm 45° angled 7006
			

Pressure roller PTFE 45 mm ball-bearing 6992 	Pressure roller silicone 80 mm ball-bearing 6996 	Pressure roller silicone 45 mm single-arm 7001 	Pressure roller for inch web 7 mm 7007 
Pressure roller brass convex 30 mm 6993 	Pressure roller silicone 45 mm ball-bearing single-arm 6997 	Pressure roller silicone 80 mm 7002 	Pressure roller for inch web 9 mm 7009 
Pressure roller silicone 28 mm ball-bearing 6994 	Pressure roller silicone 45 mm ball-bearing two-arm 6998 	Pressure roller brass 5 mm for welding rod 7005 	

Tools & case

 Weld seam carriage 5021	 Paring knife 7018	 Quarter-moon knife 7010	 Seam finisher 7020
 Joint plane 7011	 Cleaning brush brass for speed welding nozzles 3-5mm 7026	 Weld seam tester 7014	 Tool case 7025

Heating elements & insulating tube

 Heating element 1500W 230V 2007	 Heating element 1600W 120V 2011	 Heating element 1300W 120V 2008	 Heating element 1650W 120V 2009
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Quick-S-electronic

Ergonomic industrial-design grip for fatigue-free welding



Highlights

- **Fatigue-free welding thanks to the ergonomic grip shape**
- **Its own powerful air supply**
- **Constant welding performance**
- **Easy-to-change carbon brushes**

Description

The Quick-S-electronic hot-air welding tool is characterised by its unique ergonomic grip, developed by an industrial designer. Thanks to this ease of handling and its low weight, the tool enables professional, fatigue-free welding.

The tool has a heating power of 1500W 230V or up to 1650W 120V and constant, absolutely reliable control electronics for temperatures up to 700 °C. The Quick-S-electronic is extremely versatile, as various nozzles and numerous other accessories are available.

The Quick-S hand welding tool is ideal for professional use on construction sites or in the pool sector. It is equally suitable for tradespeople such as roofers, floor layers, tarpaulin and plastics processors for flexible welding of thermoplastics.

The tool is also service-friendly and only requires a change of carbon brushes after 1,500 hours. The commutator brushes are equipped with a cut-out device that prevents damage to the motor once the brushes are worn. The commutator brushes can be replaced several times. The brush change is easy to carry out from the outside, without opening the tool.

Technical data

Voltage	230V; 120V
Power	max. 1600W
Frequency	50/60 Hz
Temperature	20 – 700 °C
Air volume	240 l/min
Dimensions	Ø 360 x 95 mm, grip Ø 76 mm
Weight	1.2 kg with 3m connection cable
Conformity marks	CE; EAC
Protection class	II

Accessories

Push-on nozzles

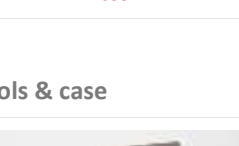
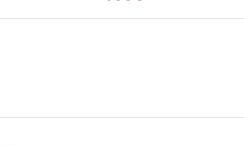
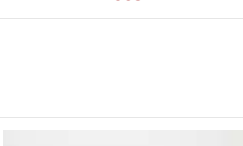
 Tubular nozzle 5mm 4000	 Wide-slot nozzle 20mm, 90° angled 4002.90	 Tubular nozzle 15mm 4005	 Wide-slot nozzle 60mm 4060
 Wide-slot nozzle 20mm 4002	 Wide-slot nozzle 40mm 4003	 Nozzle adapter M10 4007	 Wide-slot nozzle 90mm 4090
 Wide-slot nozzle 20mm, 15° angled 4002.15	 Wide-slot nozzle 40mm, 60° angled 4003.60	 Nozzle adapter M14 4008	 Wide-slot nozzle 20mm, 60° angled 4002.60
 Wide-slot nozzle 40mm, perforated 4004	 Tubular nozzle 5mm, 150mm long 4000.V	 Tubular nozzle 5mm, reinforced version 9701	 Insulating tube 4011

Speed welding nozzles & tacking nozzles

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 Speed welding nozzle 5.7 mm triangular, screw-on M10 5002	 Speed welding nozzle 4 mm round, screw-on M10 5006	 Tacking nozzle curved, screw-on M10 5017	 Speed welding nozzle 7 mm triangular, push-on for 4000 5001
 Speed welding nozzle 5 mm triangular, push-on for 4000 5013	 Speed welding nozzle 7 mm triangular, screw-on M10 5003	 Speed welding nozzle 5 mm round, screw-on M10 5007	 Speed welding nozzle 3 mm round, push-on for 4000 5010
 Speed welding nozzle 7.5 mm triangular, push-on for 4000 5014	 Tacking nozzle, screw-on M10 5004	 Speed welding nozzle 5 mm triangular, screw-on M10 5008	 Speed welding nozzle 4 mm round, push-on for 4000 5011
 Speed welding nozzle 5 mm round for polyolefin, push-on for 4000 5022	 Speed welding nozzle 3 mm round, screw-on M10 5005	 Speed welding nozzle 7.5 mm triangular, screw-on M10 5009	

Pressure rollers & tools

 Pressure roller PTFE 28 mm ball-bearing 6991	 Pressure roller silicone 45 mm 45° angled ball-bearing 6995	 Pressure roller silicone 45 mm two-arm 7000	 Pressure roller silicone 45 mm 45° angled 7006
			

Pressure roller PTFE 45 mm ball-bearing 6992 	Pressure roller silicone 80 mm ball-bearing 6996 	Pressure roller silicone 45 mm single-arm 7001 	Pressure roller for inch web 7 mm 7007 
Pressure roller brass convex 30 mm 6993 	Pressure roller silicone 45 mm ball-bearing single-arm 6997 	Pressure roller silicone 80 mm 7002 	Pressure roller for inch web 9 mm 7009 
Pressure roller silicone 28 mm ball-bearing 6994 	Pressure roller silicone 45 mm ball-bearing two-arm 6998 	Pressure roller brass 5 mm for welding rod 7005 	

Tools & case

 Weld seam carriage 5021	 Paring knife 7018	 Quarter-moon knife 7010	 Seam finisher 7020
 Joint plane 7011	 Cleaning brush brass for speed welding nozzles 3-5mm 7026	 Weld seam tester 7014	 Tool case 7025

Heating elements & insulating tube

 Heating element 1500W 230V 2007	 Heating element 1600W 120V 2011	 Heating element 1300W 120V 2008	 Heating element 1650W 120V 2009
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Oval-H

High air output and 3000 W for heavy membranes in roofing and landfill applications



Highlights

- **High air output combined with strong 3000 W heating power**
- **Twin-turbine system and easy-to-change filters**
- **Continuously adjustable temperature**
- **Robust hot-gas welding tool suitable for construction sites**

Description

The handy and powerful hot-air hand welding tool of the Oval-Line: high air output combined with strong 3000W heating power, packaged in ergonomic and robust handling.

The Oval-H hand welding tool enables powerful and efficient welding with the 40 mm wide-slot nozzle. This strong industrial tool is used for welding landfill liners, pond liners and heavy cover tarpaulins. The tool can also be used in the automotive industry, for drying filler and for activating plastic parts.

The heating power of 3000W 230V, 2200W 230V or 2200W 120V can be continuously adjusted from 20 °C to 700 °C thanks to the reliable temperature electronics. Combined with the strong twin-turbine system, the Oval-H enables flawless overlap welds with the 40 mm wide-slot nozzle 4003.

The Oval-H hand welding tool is characterised by its slim, ergonomic grip. The air filters are easy to clean by simply removing them from the grip. Cut-out brushes prevent damage to the motor commutator once worn and can be replaced several times. The brush service life is approximately 1,500 hours.

Technical data

Voltage	230V; 120V
Power	230V: 3000W, 2200W; 120V: 2200W
Frequency	50/60 Hz
Temperature	20 – 700 °C
Air volume	280 l/min
Dimensions	Ø 334 x 95 mm, grip Ø 58 mm
Weight	1.5 kg with 3m connection cable
Conformity marks	CE; EAC
Protection class	II

Accessories

Push-on nozzles



Wide-slot nozzle 40mm
4003



Wide-slot nozzle 40mm, 60°
angled
4003.60



Wide-slot nozzle 20mm
4002

Pressure rollers & tools



Pressure roller PTFE 28 mm
ball-bearing
6991



Pressure roller silicone 45 mm
45° angled ball-bearing
6995



Pressure roller silicone 45 mm
two-arm
7000



Pressure roller PTFE 45 mm
ball-bearing
6992



Pressure roller silicone 80 mm
ball-bearing
6996



Pressure roller silicone 45 mm
single-arm
7001



Pressure roller brass convex 30
mm
6993



Pressure roller silicone 45 mm
ball-bearing single-arm
6997



Pressure roller silicone 80 mm
7002



Pressure roller silicone 28 mm
ball-bearing
6994



Pressure roller silicone 45 mm
ball-bearing two-arm
6998



Pressure roller silicone 45 mm
45° angled
7006

Tools & case

	
Weld seam tester 7014	Tool case 7025

Heating elements & insulating tube

		
Heating element 3000W 230V 3064	Heating element 2200W 230V 3046	Heating element 2200W 120V 3049

HOT AIR S

3000 W lightweight of the S-Line for landfill and pond liners and heavy tarpaulins



Highlights

- **High air output combined with strong 3000 W heating power**
- **Fatigue-free welding thanks to the ergonomic grip shape**
- **Its own powerful air supply**
- **Easy-to-change carbon brushes**

Description

The handy and extremely powerful hot-air welding tool of the S-Line product line. Ergonomic and innovative design, coupled with advanced technology for welding and processing thermoplastics and for welding landfill liners, pond liners and heavy cover tarpaulins. The tool can also be used in the automotive industry for drying filler and for activating plastic parts.

The heating power of 3000 W can be continuously adjusted from 20 °C to 700 °C. The tool features new and very reliable temperature electronics; combined with the 40 mm wide-slot nozzle, flawless overlap welds are possible.

The tool is also service-friendly and has brush service lives of more than 1,500 hours. The commutator brushes are equipped with a cut-out device that prevents damage to the motor once the brushes are worn. The commutator brushes can be replaced several times. The brush change is easy to carry out from the outside, without opening the tool.

Despite its robustness and efficiency, the HOT AIR S is a lightweight tool of 1400 g with a 3 m connection cable. This makes it a modern tool that is popular in industrial operations. An extensive range of accessories rounds off its use in welding heavy membranes and tarpaulins.

Technical data

Voltage	230V; 120V
Power	230V: 3000W; 120V: 2200W
Frequency	50/60 Hz
Temperature	20 – 700 °C
Air volume	240 l/min
Dimensions	Ø 386 x 95 mm, grip Ø 76 mm
Weight	1.4 kg with 3m connection cable
Conformity marks	CE; EAC
Protection class	II

Accessories

Push-on nozzles



Wide-slot nozzle 40mm
4003



Wide-slot nozzle 40mm, 60°
angled
4003.60

Pressure rollers & tools



Pressure roller PTFE 28 mm
ball-bearing
6991



Pressure roller silicone 45 mm
45° angled ball-bearing
6995



Pressure roller silicone 45 mm
two-arm
7000



Pressure roller PTFE 45 mm
ball-bearing
6992



Pressure roller silicone 80 mm
ball-bearing
6996



Pressure roller silicone 45 mm
single-arm
7001



Pressure roller brass convex 30
mm
6993



Pressure roller silicone 45 mm
ball-bearing single-arm
6997



Pressure roller silicone 80 mm
7002



Pressure roller silicone 28 mm
ball-bearing
6994



Pressure roller silicone 45 mm
ball-bearing two-arm
6998



Pressure roller silicone 45 mm
45° angled
7006

Tools & case



Weld seam tester
7014



Tool case
7025

Heating elements & insulating tube



Heating element 3000W 230V
3064



Heating element 2200W 120V
3049

Quick-L- switchable

Simple tarpaulin welding tool with 2 fixed heat settings and a cold setting



Highlights

- **Handy and lightweight welding tool**
- **Ideal for auto upholsterers and tarpaulin processors**
- **Economical and uncomplicated hand welding tool**
- **Has 2 fixed heat settings with an additional cold setting**

Description

The Quick-L- switchable is the handy, lightweight and simple hot-air welding tool for the tarpaulin processor.

This hand welding tool is a variant of the proven Quick-L-electronic model. Instead of continuously variable temperature adjustment, the Quick-L has 2 fixed heat settings with an additional cold setting. Since tarpaulin, tent and awning welds are often carried out with only one type of material and in one weld width, a simple tool with heat settings is suitable for the processor.

The tool's heating power is adapted to the push-on nozzles of 20 mm or 40 mm width required by the tarpaulin manufacturer. The heating power with the 20 mm flat nozzle is 900W 230V and with the 40 mm flat nozzle: 1500W 230V or 1300W 120V.

The carbon brush service life, as with the other hot-gas welding tools, is 1,500 hours. The motor's commutator brushes can be replaced several times, allowing continuous operation. The brush change is easy to carry out from the outside, without opening the tool. All tools are equipped with a cut-out device that prevents damage to the motor once the brushes are worn.

Technical data

Voltage	230V; 120V
Power	depending on push-on nozzle 900W 230V or 1500W 230V; 1300W 120V
Frequency	50/60 Hz
Temperature	up to max. 700 °C
Air volume	300 l/min
Dimensions	Ø 320 x 95 mm, grip Ø 48 mm
Weight	1.2 kg with 3m connection cable
Conformity marks	CE; EAC
Protection class	II

Accessories

Push-on nozzles

		
Wide-slot nozzle 20mm 4002	Wide-slot nozzle 40mm 4003	Insulating tube 4011

Pressure rollers & tools

			
Pressure roller PTFE 28 mm ball-bearing 6991	Pressure roller silicone 45 mm 45° angled ball-bearing 6995	Pressure roller silicone 45 mm two-arm 7000	Pressure roller PTFE 45 mm ball-bearing 6992
			
Pressure roller silicone 80 mm ball-bearing 6996	Pressure roller silicone 45 mm single-arm 7001	Pressure roller brass convex 30 mm 6993	Pressure roller silicone 45 mm ball-bearing single-arm 6997
			
Pressure roller silicone 80 mm 7002	Pressure roller silicone 28 mm ball-bearing 6994	Pressure roller silicone 45 mm ball-bearing two-arm 6998	Pressure roller silicone 45 mm 45° angled 7006

Tools & case

 Weld seam carriage 5021	 Paring knife 7018	 Quarter-moon knife 7010	 Seam finisher 7020
 Joint plane 7011	 Weld seam tester 7014	 Tool case 7025	

Heating elements & insulating tube

 Heating element 1500W 230V 2007	 Heating element 900W 230V 2004	 Heating element 1300W 120V 2008
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Robust-L

Cost-effective entry-level tool with a fixed heat setting for the tarpaulin industry



Highlights

- **Handy and lightweight hand welding tool**
- **Ideal for auto upholsterers and tarpaulin processors**
- **Cost-effective and user-friendly welding tool**
- **Has one fixed heat setting with an additional cold setting**

Description

The cost-effective, handy and uncomplicated hand welding tool for the tarpaulin industry and auto upholsterers for welding PVC tarpaulins.

This tool has only one fixed heat setting with an additional cold setting and can therefore be regarded as a cost-effective tarpaulin welding tool for auto upholsterers in the PVC tarpaulin sector.

The tarpaulin processor has the option of welding PVC material with constant heating power and also receives all the advantages of professional, fatigue-free welding thanks to the handy grip and the well-known industrial quality.

As with all hand welding tools in this series, the commutator brushes of the Robust-L type are also easy to change from the outside – without opening the tool. The carbon brushes have a service life of 1,500 hours and are equipped with a cut-out device, so that once the brushes are worn the motor stops to prevent damage to the commutator and consequently repair costs. The heating power is adapted to the required push-on nozzles of 20 or 40 mm width and is therefore available as a 900W and 1500W version.

Technical data

Voltage	230V; 120V
Power	depending on push-on nozzle 900W 230V or 1500W 230V; 1300W 120V
Frequency	50/60 Hz
Temperature	up to max. 700 °C
Air volume	300 l/min
Dimensions	Ø 320 x 95 mm, grip Ø 48 mm
Weight	1.2 kg with 3m connection cable
Conformity marks	CE; EAC
Protection class	II

Accessories

Push-on nozzles



Wide-slot nozzle 20mm
4002



Wide-slot nozzle 40mm
4003



Insulating tube
4011

Pressure rollers & tools



Pressure roller PTFE 28 mm
ball-bearing
6991



Pressure roller silicone 45 mm
45° angled ball-bearing
6995



Pressure roller silicone 45 mm
two-arm
7000



Pressure roller PTFE 45 mm
ball-bearing
6992



Pressure roller silicone 80 mm
ball-bearing
6996



Pressure roller silicone 45 mm
single-arm
7001



Pressure roller brass convex 30
mm
6993



Pressure roller silicone 45 mm
ball-bearing single-arm
6997



Pressure roller silicone 80 mm
7002



Pressure roller silicone 28 mm
ball-bearing
6994



Pressure roller silicone 45 mm
ball-bearing two-arm
6998



Pressure roller silicone 45 mm
45° angled
7006

Tools & case

 Weld seam carriage 5021	 Paring knife 7018	 Quarter-moon knife 7010	 Seam finisher 7020
 Joint plane 7011	 Weld seam tester 7014	 Tool case 7025	

Heating elements & insulating tube

 Heating element 1500W 230V 2007	 Heating element 900W 230V 2004	 Heating element 1650W 120V 2009
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Quick-L-electronic with recessed potentiometer

Special version without control knob for apparatus, tank and special machinery construction



Highlights

- **Hand welding tool without a control knob**
- **With a recessed potentiometer**
- **Additional cold setting without changing the heat preselection**
- **Ideal for special machinery construction**

Description

The proven Quick-L-electronic hot-gas welding tool in a special version with a recessed potentiometer for apparatus construction, tank construction and special machinery construction.

This handy and lightweight hand welding tool is characterised by the fact that it has no control knob but a recessed potentiometer that can be adjusted, for example, with a screwdriver. This allows the tool to be used on extruders, fixtures and machines without accidentally changing the heat preselection. The tool also has an additional cold setting without changing the heat preselection.

Like the standard version of the Quick-L-electronic, this tool has 1500W and is compatible with a large selection of push-on nozzles.

The motor's commutator brushes can be replaced several times, allowing continuous operation. The brush change is easy to carry out from the outside, without opening the tool. The carbon brushes only need to be replaced after 1,500 hours and are equipped with a cut-out device that prevents damage to the motor once the brushes are worn.

Technical data

Voltage	230V; 120V
Power	max. 1600W
Frequency	50/60 Hz
Temperature	20 – 700 °C
Air volume	300 l/min
Dimensions	Ø 320 x 95 mm, grip Ø 48 mm
Weight	1.2 kg with 3m connection cable
Conformity marks	CE; EAC
Protection class	II

Accessories

Push-on nozzles

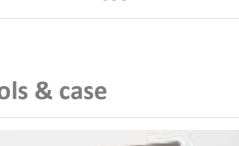
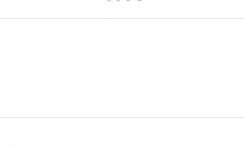
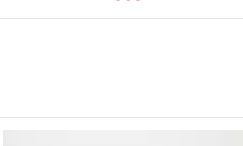
			
Tubular nozzle 5mm 4000	Wide-slot nozzle 20mm, 90° angled 4002.90	Tubular nozzle 15mm 4005	Wide-slot nozzle 60mm 4060
			
Wide-slot nozzle 20mm 4002	Wide-slot nozzle 40mm 4003	Nozzle adapter M10 4007	Wide-slot nozzle 90mm 4090
			
Wide-slot nozzle 20mm, 15° angled 4002.15	Wide-slot nozzle 40mm, 60° angled 4003.60	Nozzle adapter M14 4008	Wide-slot nozzle 20mm, 60° angled 4002.60
			
Wide-slot nozzle 40mm, perforated 4004	Tubular nozzle 5mm, 150mm long 4000.V	Tubular nozzle 5mm, reinforced version 9701	Insulating tube 4011

Speed welding nozzles & tacking nozzles

 Spoon reflector 5016	 Speed welding nozzle 5.7 mm triangular, push-on for 4000 5000	 Speed welding nozzle 5 mm round, push-on for 4000 5012	 Tacking nozzle, push-on for 4000 5015
 Speed welding nozzle 5.7 mm triangular, screw-on M10 5002	 Speed welding nozzle 4 mm round, screw-on M10 5006	 Tacking nozzle curved, screw-on M10 5017	 Speed welding nozzle 7 mm triangular, push-on for 4000 5001
 Speed welding nozzle 5 mm triangular, push-on for 4000 5013	 Speed welding nozzle 7 mm triangular, screw-on M10 5003	 Speed welding nozzle 5 mm round, screw-on M10 5007	 Speed welding nozzle 3 mm round, push-on for 4000 5010
 Speed welding nozzle 7.5 mm triangular, push-on for 4000 5014	 Tacking nozzle, screw-on M10 5004	 Speed welding nozzle 5 mm triangular, screw-on M10 5008	 Speed welding nozzle 4 mm round, push-on for 4000 5011
 Speed welding nozzle 5 mm round for polyolefin, push-on for 4000 5022	 Speed welding nozzle 3 mm round, screw-on M10 5005	 Speed welding nozzle 7.5 mm triangular, screw-on M10 5009	

Pressure rollers & tools

 Pressure roller PTFE 28 mm ball-bearing 6991	 Pressure roller silicone 45 mm 45° angled ball-bearing 6995	 Pressure roller silicone 45 mm two-arm 7000	 Pressure roller silicone 45 mm 45° angled 7006
			

Pressure roller PTFE 45 mm ball-bearing 6992 	Pressure roller silicone 80 mm ball-bearing 6996 	Pressure roller silicone 45 mm single-arm 7001 	Pressure roller for inch web 7 mm 7007 
Pressure roller brass convex 30 mm 6993 	Pressure roller silicone 45 mm ball-bearing single-arm 6997 	Pressure roller silicone 80 mm 7002 	Pressure roller for inch web 9 mm 7009 
Pressure roller silicone 28 mm ball-bearing 6994 	Pressure roller silicone 45 mm ball-bearing two-arm 6998 	Pressure roller brass 5 mm for welding rod 7005 	

Tools & case

 Weld seam carriage 5021	 Paring knife 7018	 Quarter-moon knife 7010	 Seam finisher 7020
 Joint plane 7011	 Cleaning brush brass for speed welding nozzles 3-5mm 7026	 Weld seam tester 7014	 Tool case 7025

Heating elements & insulating tube

 Heating element 1500W 230V 2007	 Heating element 1600W 120V 2011
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Application sets

For various applications, AKU offers professional sets consisting of hand welding tools, hot-gas welding tools and accessories. Individual sets can be configured on request.

OVALSET1 – Tarpaulin -Set (Tool: Oval-Q)



Tarpaulin set with the Oval-Q universal hand welding tool – for tarpaulin manufacturers, makers of advertising banners and tents, auto upholsterers and more.

OVALSET2 – Roof -Set (Tool: Oval-Q)



Roofing set for roofers and for welding bitumen, flat-roof and pitched-roof membranes.

OVALSET3 – Swimming pool -Set (Tool: Oval-Q)



Pool set for pool sealing, sealing of ponds and the construction and repair of aquacultures.

OVALSET4 – Floor -Set (Tool: Oval-Q)



Flooring set for floor laying and floor construction.

PLANSET1 – Tarpaulins -Set (Tool: Quick-L / Robust-L)



Tarpaulin set for tarpaulin manufacturers, makers of advertising banners and tents, auto upholsterers and more.

PLANSET2 – PVC- Tarpaulins -Set (Tool: Quick-L / Robust-L)



PVC tarpaulin set for auto upholsterers, tarpaulin manufacturers and for welding tents.

PLANSET3 – Processor -Set (Tool: Oval-H)

Processor set with the powerful Oval-H hot-air tool – for technical textiles such as pond liners, landfill liners and geotextiles.

Contact

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