



WELDING GUNS

MINI hot-gas welding guns & blower

Product overview of the welding guns



The MINI-electronic and MINI-C-electronic welding guns are particularly light, double-insulated hot-gas hand tools for plastics and tank construction. The handy Oval-HB blower serves as a mobile air source. Thanks to numerous push-on and speed welding nozzles, the guns are highly versatile.

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Quick comparison

All 3 models at a glance. Detailed technical data and descriptions follow in the individual sections.

Tool	Power	Air volume	Temperature	Weight	Typical application
MINI-electronic	1500W 230V; 1300W 120V	external	20 – 700 °C	0,395 kg	Light welding gun, tank construction
MINI-C-electronic	1500W 230V; 1300W 120V	external (hose package)	20 – 700 °C	0,395 kg	Draw welding, air+power combined
Oval-HB blower	—	360 l/min (source)	—	1,0 kg	Mobile air source for guns

MINI-electronic

Particularly light hot-gas welding gun for plastics and tank construction



Highlights

- **Particularly light and handy hot-gas welding tool**
- **Continuously adjustable temperature**
- **For push-on or screw-on nozzles depending on the version**
- **Individually adjustable air volume via an additional control knob**

Description

The small and light MINI-electronic welding gun is ideally suited for plastics fitters and tank builders. Combined with the Oval-HB blower, the welding gun is perfect for external assembly work.

The double-insulated MINI-electronic welding gun is, thanks to its light weight and ease of handling, ideally suited for plastics fitters and tank builders. The heating power of 1500 W 230 V is continuously adjustable from 20 to 700 °C and is kept electronically constant. In addition, the required air volume can be individually regulated with an additional control knob.

The tool requires an external air supply, such as a side-channel blower, a blower or a compressor. In addition, we offer our portable hand blower Oval-HB, which, thanks to its ease of handling, can supply the required air on construction sites and in outdoor use.

The MINI-electronic welding gun can be fitted with numerous accessories to weld plastic sheets, pipes, parts and tanks. If required, the welding gun can also be fitted with a threaded push-on nozzle M 10 or M 14. This push-on nozzle allows the use of screw-on speed welding nozzles, which are popular in plastics and tank construction due to their high stability.

Technical data

Power	1500W 230V; 1300W 120V
Frequency	50/60 Hz
Temperature	20 – 700 °C
Air supply	external (Oval-HB blower, side-channel blower or compressor with pressure reducer)
Dimensions	Ø 250 x 55 mm, grip Ø 40 mm
Weight	0.395 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 1300W 120V 2008
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MINI-C-electronic

Hot-gas welding gun with air and power supply in one hose package



Highlights

- **Ideal for hot-gas draw welding**
- **Air and electrical supply in one hose package**
- **For push-on or screw-on nozzles depending on the version**
- **Kink protection at the hose connection**

Description

The MINI-C-electronic hot-gas welding gun with air and electrical supply in one hose package. For an external air supply such as the Oval-HB blower, a side-channel blower or a compressor with pressure reducer.

In contrast to the MINI-electronic welding gun, on the MINI-C-electronic the air and power supply are located in a shared hose package. In addition, the hot-air tool provides kink protection at the hose connection.

The double-insulated MINI-C-electronic welding gun is, thanks to its light weight and ease of handling, ideally suited for plastics fitters and tank builders. The heating power of 1500 W 230 V is continuously adjustable from 20 to 700 °C and is kept electronically constant.

The tool requires an external air supply, such as a side-channel blower, a blower or a compressor. In addition, we offer our portable hand blower Oval-HB, which, thanks to its ease of handling, can supply the required air on construction sites and in outdoor use.

The MINI-C-electronic welding gun can be fitted with numerous accessories to weld plastic sheets, pipes, parts and tanks. If required, the welding gun can also be fitted with a threaded push-on nozzle M 10 or M 14. This push-on nozzle allows the use of screw-on speed welding nozzles, which are popular in plastics and tank construction due to their high stability.

Technical data

Power	1500W 230V; 1300W 120V
Frequency	50/60 Hz
Temperature	20 – 700 °C
Air supply	external, air + power in one hose package (Oval-HB blower, side-channel blower or compressor with pressure reducer)
Dimensions	Ø 250 x 55 mm, grip Ø 40 mm

Weight	0.395 kg with 3m connection cable
Conformity marks	CE; EAC
Protection class	II

Accessories

Push-on nozzles

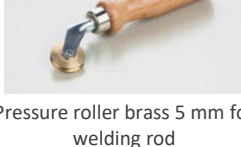
			
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Tools & case

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Heating elements & insulating tube

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Oval-HB blower

Mobile, light hot-air blower as an air source for the MINI welding guns



Highlights

- **Powerful blower for welding guns**
- **Light and handy**
- **Serves as an external air source**
- **Also available as a combination kit with the MINI welding guns**

Description

The powerful Oval-HB hot-air blower for welding guns. Available as a combination kit with the MINI-electronic and MINI-C-electronic welding guns.

The Oval-HB blower is the mobile, light and compact air supplier for the welding guns and thus enables the use of a small and handy welding gun on construction sites and assembly locations.

A powerful 360 litres/minute ensures trouble-free air supply to the welding gun for fast and efficient welding of thermoplastics.

The motor of the Oval-HB also comes from the Oval-Line and is a strong, service-friendly drive made in Germany with cut-out brushes to prevent damage to the commutator once the brushes are worn. The commutator brushes can be replaced several times on this tool as well. The brush service life is over 1,500 hours. The easy-to-remove filters of the motor housing allow quick cleaning.

Technical data

Voltage	230V; 120V
Air volume	360 l/min
Brush service life	over 1,500 hours
Dimensions	Ø 235 x 95 mm, grip Ø 58 mm
Weight	1.0 kg with mains cable

Accessories

Tools & case



Contact

Your contact

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