

OPERATING INSTRUCTIONS

BAK ERON

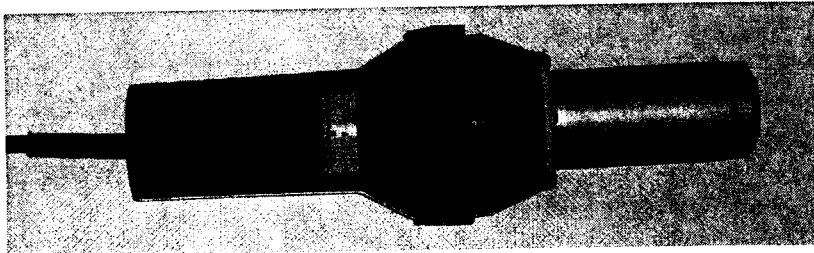
HOT AIR BLOWER



Please read the operating instructions carefully before use and keep for further reference.

APPLICATION

- **Heating-up** for forming, bending and sealing of thermoplastic semi-finished materials.
- **Drying** of water-damp surfaces and joints.
- **Shrinking** of heat-sink sleeves, films, tapes, solder sleeves and moulded parts.
- **Activating / dissolving** of solvent free adhesives and fusion adhesives.
- **Removing** old shellac, oil, resin paints and underseals on vehicles.
- **Defrosting** of frozen water pipes.
- **Welding** thermoplastic materials as well as modified bitumen.
- **Igniting** of wood shavings, paper, coal or straw in furnaces.





WARNING



Danger of life when opening the tool, as live components and connections are exposed. Unplug the tool before opening it!



Fire and explosion hazard can be caused by an incorrect use of the hot air blower, especially near combustible materials and explosive gases.



Danger of burns! Do not touch the element housing and nozzle when HOT, let the tool cool down. Do not point the hot air flow in the direction of people or animals.



CAUTION



The voltage rating stated on the tool must correspond to the line/mains voltage.



GFCI/RCCB: for personal protection on building sites we strongly recommend to connect the tool to a **GFCI**(Ground Fault Circuit Interrupter) or to a **RCCB**(Residual Current Circuit Breaker).



The tool must be operated with supervision. Heat can reach combustible materials!



Protect the tool from damp and wet.

TECHNICAL DATA

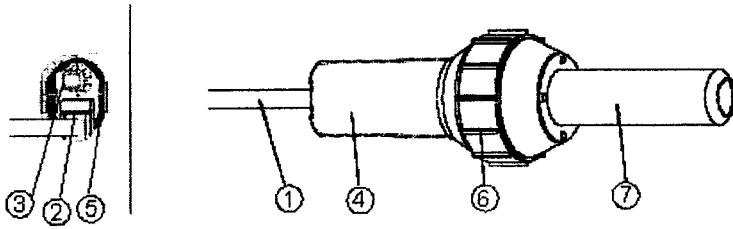
CE

Electrical safety: **Double insulated**



Voltage	V~	230 / 120
Power consumption	W	2300, 3400 / 2700
Frequency	Hz	50/60
Temperature	°C	20-650, steplessly controlled
Air flow	l/min.	max. 500
Air pressure	mbar	30
Noise level L_{pA}	dB	65
Weight	kg	1.5 with 3m cable
Dimension	mm	320 x 64

Tool's description



Operating condition

- Maintain the maximal allowed impedance $Z_{max.} = 0.301 + j0.188$ and if necessary consult the power supply company.
- As required, push-fit appropriate nozzle or reflector.
- Connect the tool to the mains.
- Adjust the hot air temperature by use of **potentiometer (3)**, - **Switch on (2)** and let warm up for about 5 min.

Operation

- **BAK Thermoplastic Welding Technology** as well as the service centres offer free training courses for all applications (see page 1).
- After use always let the tool cool down.

Change of nozzles / reflectors

- Allow the tool to cool down before changing nozzles/reflectors or use only combination pliers.
- Do not touch the hot nozzle/reflector and make sure to put it only on a heat resistant surface, because of **fire hazard**.
- The nozzles/reflectors are easily pushed on to the tapered **element housing (7)** and are secured by fastening the screw on the clamp.
- Only BAK-nozzles/reflectors should be used.

ACCESSORIES

- Only BAK-accessories should be used.

MAINTENANCE

- **Airfilter (5)** should be cleaned with a brush.
- **Check power supply cord (1)** and plug for any possible electrical or mechanical damage.

SERVICE AND REPAIRS

- The carbon brushes of the motor should be checked after approx. 1200 hours running time by your service centre.
- Repairs have to be carried out only by **BAK Service Centres**. They guarantee a specialized and reliable repair service **within 24 hours** using original parts as per spare parts list.

GUARANTEE AND LIABILITY

- Guarantee and liability are in accordance with the guarantee certificate as well as with the currently valid general business and sales conditions.
- **BAK Thermoplastic Welding Technology** rejects any guarantee claims for tools which are not in original conditions. The tool must never be modified.

Technical data and specifications are subject to change without prior notice.

**BAK Thermoplastic Welding Technology, Birkenweg 3, CH-6056 Kägiswil
Tel. +41 41 661 22 50 Fax +41 41 661 22 51 www.bak-ag.com
info@bak-ag.com**