

## OPERATING INSTRUCTIONS

**BAK - MARON**

**Hot Air Tool**

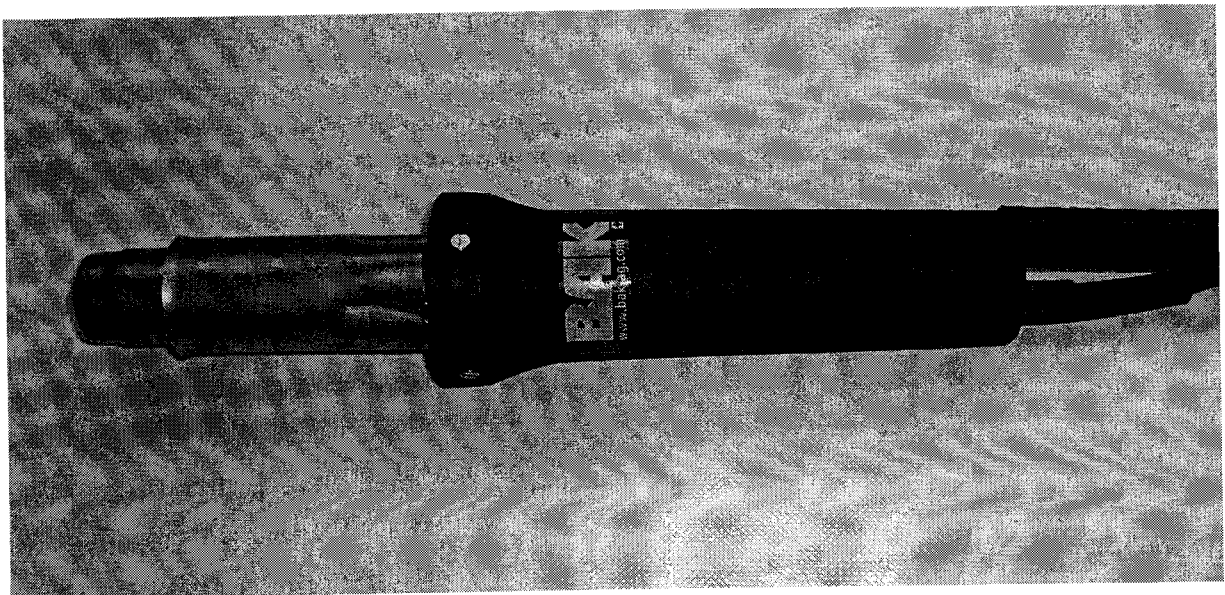


Please read operating instructions carefully before use and keep for further reference.

## **APPLICATION**

The BAK Hot Air Tool MARON is designed for continuous operation and is suitable as a hand tool or for building into machines.

- **Welding** of thermoplastic materials.
- **Heating-up** for forming and bending of thermoplastic semifinished materials.
- **Drying** of water-damp surfaces.
- **Shrinking** of heat-shrink sleeves, films, tapes, solder sleeves and moulded parts.
- **Separating and fusing** synthetic fibres and fabrics.
- **Deflashing** of synthetic material parts.
- **Soldering** of copper pipes, solder joints and metal foils.
- **Defrosting** of frozen water pipes.
- **Activating / Dissolving** of solvent free adhesives and fusion adhesives.
- **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, which are out of sight.



**Protect** the tool from **damp** and **wet**.

## TECHNICAL DATA

**CE**

**Electrical safety:**      **Double isolated**



<b>Voltage</b>	<b>V~</b>	230	120
<b>Power consumption</b>	<b>W</b>	1550	1600
<b>Frequency</b>	<b>Hz</b>	50/60	
<b>Temperature</b>	<b>°C</b>	20-650	
<b>Air flow</b>	<b>l/min.</b>	min. 40	
<b>Air pressure</b>	<b>bar</b>	max. 8	
<b>Weight</b>	<b>kg</b>	0.75 with 3m cable	
<b>Size</b>	<b>mm</b>	295x62	

## Operating condition

The hot air tool Type BAK Maron needs either the High Pressure Blower BAK Soron or HD140 for air supply. When using compressed air, an oil or water filter must be connected. The air flow can be steplessly adjusted with the BAK air flow adjuster attached to the blower.

- As required, fit appropriate nozzle.
- Connect Hot air tool with the high pressure blower
- Switch on the high pressure blower
- Connect tool to the mains.
- Adjust the hot air temperature of the **potentiometer**.

The temperature can be checked with a thermocouple about 5mm inside the nozzle. The diameter of the thermocouple must not be more than 1mm max. (in accordance with DVS 2208 part II). Allow the Hot air tool to warm up for about 3 min.

## Attention

The hot air tool should be placed on a heat resistant surface. The tool must not be operated without air supply.

## Operation

- BAK Thermoplastic Welding Technology as well as the service centres offer free training courses for all applications.
- Execute a welding test after national norms and directives.
- Check welding test.
- As required, adjust welding temperature or air flow.
- After use always let the tool cool down.

## Change of nozzles

- Allow the tool to cool down before changing nozzles or use only combination pliers/spanners.
- Do not touch the hot nozzle and make sure to put it only on a heat resistant surface, because of **fire hazard**.
- Only BAK-nozzles should be used.

## ACCESSORIES

- Only BAK-accessories should be used.
- Air hose 14mm
- Hose clip for Air hose

## TYPES

The Hot Air Tool Type Maron is with a **heat protection tube for push-fit nozzles** or a **heat protection tube for screw-on nozzles** available.

## **MAINTENANCE**

- Nozzles should be cleaned with a wire brush.

## **SERVICE UND REPAIRS**

- 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 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.

The tool must not be used by children or people with limited physically, sensorily or mental ability. Children must be supervised to prevent that they play with the tool.

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

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