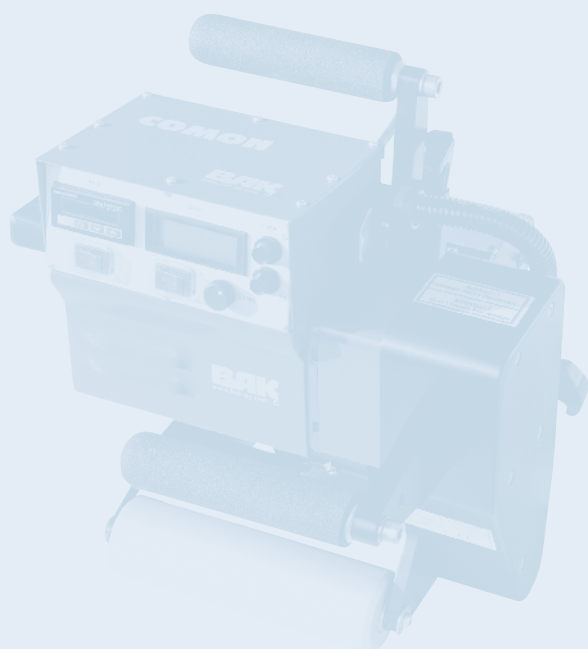


# HEAT ON

## Plastic welding machines



# BAK

[www.bak-ag.com](http://www.bak-ag.com)

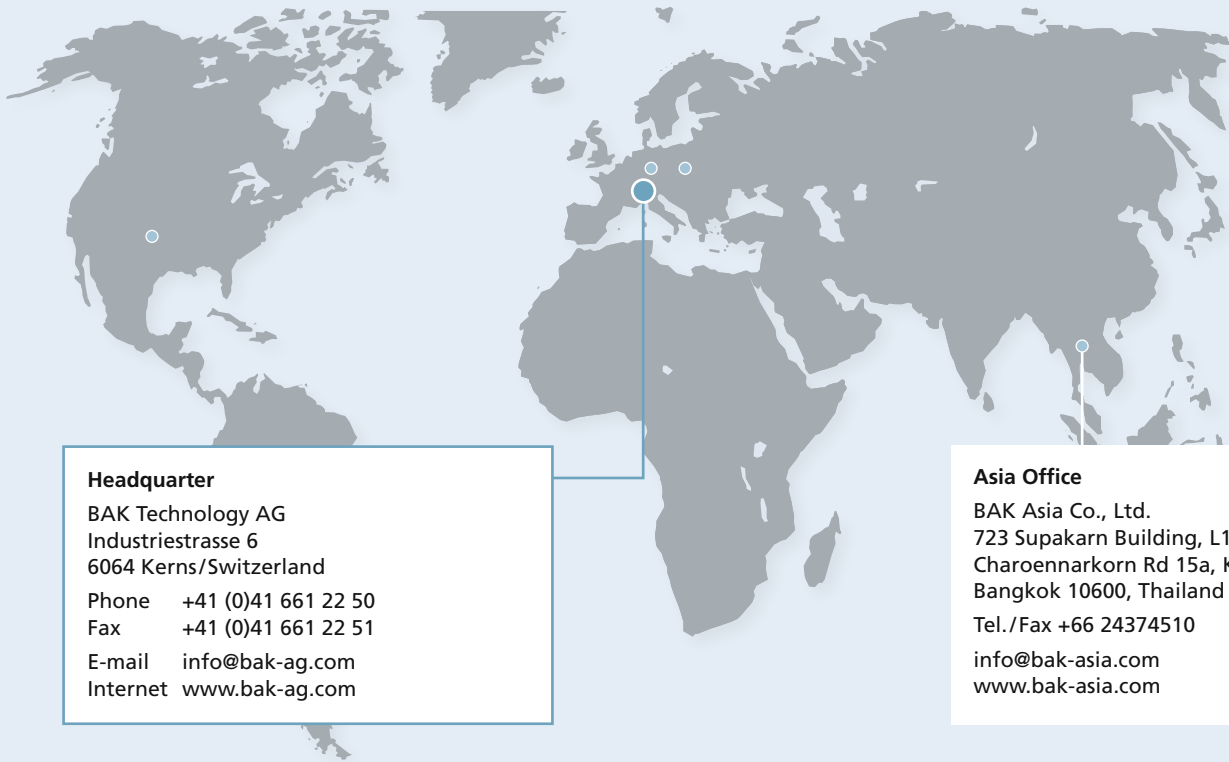


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*quality  
wins!*

# HEAT ON



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BAK Technology AG is a leading manufacturer of plastic welding equipment, extruder, air heaters and blowers.

We present the best solutions for plastic fabrication, pipe construction, roofing, civil engineering, tunnelling, process heat, tarpaulins, flooring and much more.

BAK is a traditional Swiss company with head quarter in Kerns, Obwalden. Our production- and development facilities are in Switzerland, Germany and Austria.

We are offering a wide range of machines and accessories:

- Hot air tools (hand held)
- Wedge welding machines
- Hand extrusion welders
- Industrial heaters
- Heating- & folding machines
- Hot air welding machines
- Hot air blowers
- Industrial extruder
- Industrial blowers
- Test equipment

**BAK, quality wins! Best quality products and customer service are the most important to us!**

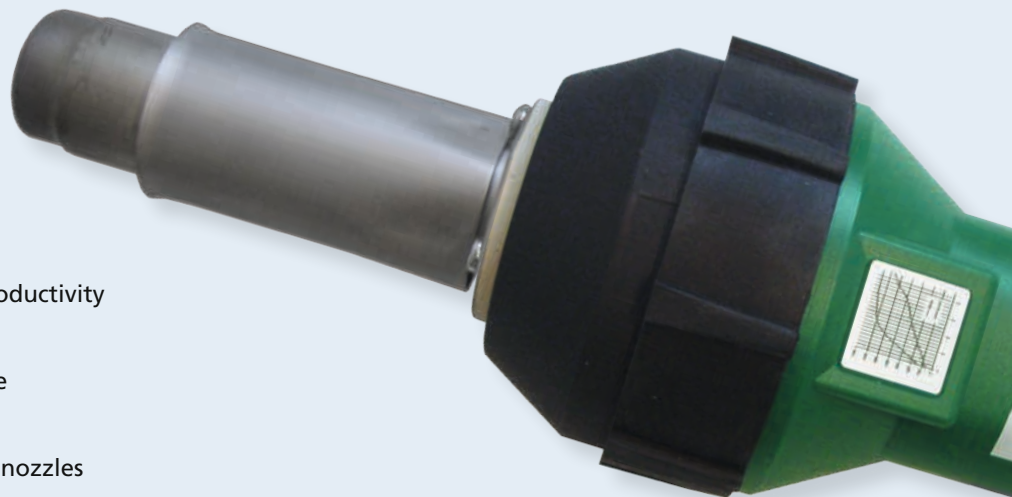
Through our experience of many years and the continuous development within the market we make sure to only offer best quality and service to our demanding customers. We guarantee ideal customer service all over the world with the trustful partnership to our distributors who are placed in over 40 countries.

Hot air welding tool

# RION

## Field tested, cost-effective, handy

- optimal performance / best price
- high speed welding enables high productivity
- stepless adjustment of temperature
- easy welding with ergonomic handle
- high quality
- heater tube for push fit or screw on nozzles
- large accessories range



The high-performance hand gun to weld all different types of thermoplastic materials, for roofing, flooring, tarps, plastic fabrication and many more.

#### Technical data

Voltage	V	120/230
Frequency	Hz	50/60
Power consumption	W	1600
Temperature	°C	20–650
Air flow	l/min	approx. 250
Static pressure	Pa	approx. 3000
Noise level	dB	64
Size	mm	100 x 340, handle Ø 56
Weight	kg	1,3 with cord
Markings		CE

On request also available with brushless motor.

Hot air blower

# ERON

## Powerful, ergonomic, flexible

Perfect for:

- shrinking
- drying
- soldering
- heating
- activating
- welding
- bending



Stepless temperature adjustment up to 650°C. Powerful with ergonomic handle, for different applications and with a complete line of accessories like nozzles, reflectors, etc.

#### Technical data

Voltage	V	120/230
Frequency	Hz	50/60
Power consumption	W	2300/2700/3400
Temperature	°C	20–650
Air flow	l/min	approx. 500
Static pressure	Pa	approx. 3000
Noise level	dB	64
Size	mm	320x94, handle Ø 64
Weight	kg	1,5 with cord
Markings		CE

On request also available with brushless motor.

Semi-automatic welding machine

# MICON, MICON E

Innovative,  
light,  
smart

- stable and robust design
- speed and temperature stepless adjustable
- for the welding of thermoplastic membranes
- constant temperature and speed
- easy to handle
- pressure is given manual



The economic driven hand tool. Closes the gap between hand welding tool and automatic welding machine.

Available for 30 or 40 mm welding seam.

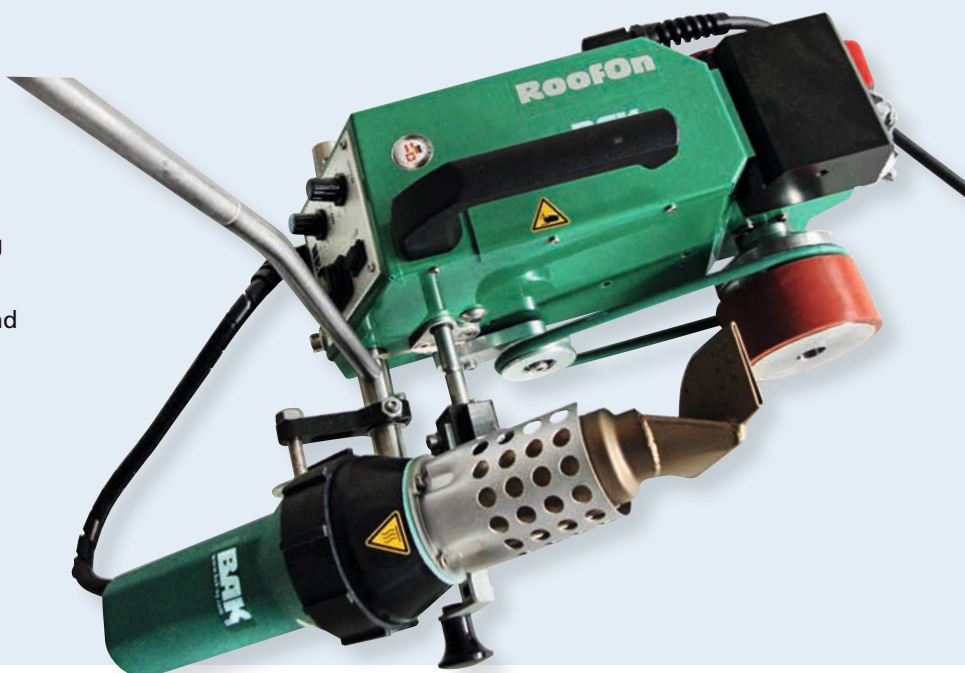
#### Technical data

Voltage	V	230/120
Frequency	Hz	50/60
Power consumption	W	2100/1700
Temperature	°C	20-600
Speed	m/min	max. 4
Size (l x w x h)	mm	400 x 170 x 330
Weight	kg	6,8
Markings		CE

# ROOFON, ROOFON DIGITAL

## Small, low-priced, light

- for the welding of thermoplastic roofing membranes
- stepless adjustment of speed, air flow and temperature with potentiometer
- automatic drive start system
- wrinkle-free welding
- seam width of 40 mm
- digital control and read out of temperature and speed (RoofOn Digital, see picture below)



Perfect seam quality of 40 mm even though its very light weight. The RoofOn guarantees wrinkle-free welding through our exceptional technology.

#### Technical data

Voltage	V	230/120
Frequency	Hz	50/60
Power consumption	W	3400/2900
Temperature	°C	20–600
Speed	m/min	0,5–12
Air flow max. (20°C)	l/min	500
Air flow	%	50–100 stepless
Noise level LpA	dB	64
Size (l x w x h)	mm	450 x 330 x 220
Weight	kg	15 with 5 m cord
Protection class I		⊕

# ROOFON MULTI/LT

User-friendly,  
compact,  
light

- for the welding of thermoplastic roofing membranes
- movable rollers
- digital control and read out of temperature and speed
- stepless adjustment of air flow
- automatic drive start system
- wrinkle-free welding



Discover the RoofOn Multi, the all-rounder for the work on small roofs and details.  
Available without digital display in the version LT.

Technical data		
Voltage	V	230
Frequency	Hz	50/60
Power consumption	W	3000
Temperature	°C	20-620
Speed	m/min	0-6
Air flow (20°C)	l/min	500
Air flow	%	50-100
Noise level LpA	dB	64
Size (l x b x h)	mm	380 x 340 x 700 (incl. guide bar)
Weight	kg	21
Markings		CE

# LARON 21

Innovative,  
efficient,  
high-speed

- continuous operation possible because of brushless motors
- designed for the most demanding job sites
- digital display to check voltage before operation
- air flow, speed and temperature stepless adjustable
- for the welding of roofing membranes
- welding of modified bitumen possible with converting kit 80 mm or 100 mm
- Integrated GPS tracker – location of the machine is known at every moment



Easy to handle and user friendly due to optimal design and balance. Work now even more efficient with the LarOn 21, the fastest automatic welding machine in the market. You choose your optimum welding speed anywhere between 0,5–21 m/min.

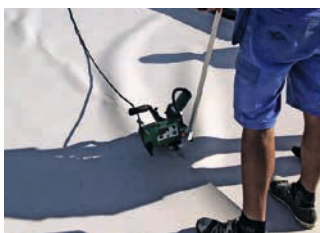
#### Technical data

Voltage	V	230/400
Frequency	Hz	50/60
Nominal capacity	W	3600/4600
Power consumption		4600/5700
Temperature	°C	20–620
	°F	68–1148
Speed	m/min	0,5–21
	f/min	1,6–68.8
Size (l x w x h)	mm	610 x 410 x 320
Weight (with weights)	kg	42
	lbs	92
Markings		CE

# STEEPON

Safe welding,  
handy,  
field-tested

- designed for the most demanding job sites
- speed and temperature stepless adjustable
- for the welding of all roofing membranes
- for the work on flat and pitched roofs
- constant pressure, temperature and speed
- for loose laid membranes
- brushless and easy to maintain



Suitable for flat and steep/pitched roofs due to clamping system. For perfect welding seams on any underground.

#### Technical data

Voltage	V	120/230
Frequency	Hz	50/60
Power consumption	W	1800
Temperature	°C	max. 600
Speed	m/min	5
Size (l x w x h)	mm	360 x 330 x 310
Weight	kg	8
Markings		CE

# ACCESSORIES



**Pressure roller 28 mm (silicon)**  
Order no. 5106977



**Pressure roller with ball bearings (brass)**  
Order no. 5106972



**Angled nozzle (Ø 32 mm) 20 mm 90°**  
push fit  
Order no. 5107124



**Pressure roller 40 mm (silicon)**  
Order no. 5106975



**Fillet coater**  
Order no. 5201324



**Angled nozzle (Ø 32 mm) 20 mm 60°**  
push fit  
Order no. 5107125



**Pressure roller 28 mm (PTFE)**  
Order no. 5106976



**Chamfer plane**  
Order no. 5201445



**Wide slot nozzle (Ø 32 mm) 30 x 2 mm 15°**  
push fit  
Order no. 5105494



**Pressure roller 40 mm (PTFE)**  
Order no. 5106971



**Hand grooving tool**  
Order no. 5106966



**Wide slot nozzle (Ø 32 mm) 40 mm**  
push fit  
Order no. 5107132



**Pressure roller power**  
Silicon 40 mm      5106983  
PTFE 40mm      5106984



**Spatula**  
Order no. 5106969



**Wide slot nozzle (Ø 32 mm) 40 mm perforated**  
push fit  
Order no. 5107133



**Pressure roller 80 mm (silicon)**  
Order no. 5106974



**Spatula slide**  
Order no. 5200092



**Angled nozzle SP20**  
right      Order no. 6660004  
left      Order no. 6660005



**Pressure roller 90 mm (PTFE)**  
Order no. 5800226



**Wide slot nozzle (Ø 32 mm) 20 mm**  
push fit  
Order no. 5107123



**Wide slot nozzle (Ø 50 mm) 70 x 10 mm**  
Order no. 5107258

# ACCESSORIES



**Wide slot nozzle**  
(Ø 50 mm) 75 x 2 mm  
Order no. 5107266



**Tacking nozzle**  
screw on M14  
Order no. 5106988



**Adapter with thread**  
M10 (Ø 32 mm)  
Order no. 5201013



**Wide slot nozzle**  
(Ø 50 mm) 150 x 12 mm  
Order no. 5107270



**Drawing nozzle**  
screw on M14  
Round 3 mm 5113876  
Round 4 mm 5113874  
Round 5 mm 5113875



**Adapter with thread**  
M14 (Ø 32 mm)  
Order no. 5201014



**Tubular nozzle**  
(Ø 32 mm) 5 mm  
push fit  
Order no. 5100303



**Drawing nozzle with tacking tip**  
screw on M14  
Round 3 mm 5113666  
Round 4 mm 5113399  
Round 5 mm 5113873



**Sieve reflector**  
10 x 12 mm (Ø 8,25 mm)  
push fit  
on tubular nozzle 5 mm  
Order no. 5107324



**Tacking nozzle**  
push fit  
on tubular nozzle 5 mm  
Order no. 5106996



**Drawing nozzle without tacking tip**  
screw on M14  
Profile 5,7 mm 5113877  
Profile 7,0 mm 5106986



**Sieve reflector**  
(Ø 32 mm) 35 x 20 mm  
Order no. 6107338



**Speed welding nozzle**  
push fit  
on tubular nozzle 5 mm  
Round 3 mm 5106989  
Round 4 mm 5106990  
Round 5 mm 5106991



**Draw nozzle with tacking tip**  
screw on M14  
Profile 5,7 mm 5113670  
Profile 7,0 mm 5113671



**Sieve reflector**  
(Ø 32 mm) 50 x 35 mm  
Order no. 6107337



**Speed welding nozzle**  
push fit  
on tubular nozzle 5 mm  
Profile 5,7 mm 5106992  
Profile 7,0 mm 5106993



**Angled adapter**  
25° angular  
for draw nozzle M14  
Order no. 5201020



**Scraper short 100 mm**  
Order no. 5200142



**Tubular nozzle 5 mm**  
screw on M14  
Order no. 5105622



**Angled adapter**  
40° angular  
for draw nozzle M14  
Order no. 5201021



**Scraper long 220 mm**  
Order no. 5200143



**Scraper**  
Order no. 5106967



**Keder kit PlanOn**  
20 mm Order no. 5230189  
30 mm Order no. 5230192  
40 mm Order no. 5230193



**JAMAS Membrane cutter**  
Order no. 5201230



**Scraper 2 edge**  
Order no. 5201470



**Guide handle  
ProtOn / SteepOn**  
Order no. 6600298



**Test needle PVC**  
Order no. 5201700



**Scraper 3 edge**  
Order no. 5201440



**Walking support MicOn**  
Order no. 6600319



**Test needle PE**  
Order no. DX073



**Scraper with  
double handle**  
Order no. 5200140



**Bitumen welding kit  
LarOn**  
80 mm Order no. 6108923  
100 mm Order no. 6108924



**Tensiometer Handy**  
Order no. 5200171



**Welding seam planer**  
Order no. 5200146



**Metal case  
RiOn / ErOn**  
Order no. 5201000



**Sheet puller**  
Order no. DX071



**Hook knife  
with cover**  
Order no. 5800000



**Metal case LarOn**  
Order no. 5201001



**Carbide blade**  
for RotOn  
Round 2,8 mm 6102403  
Round 3,5 mm 6102405  
Trapeze 3,5 mm 6102401



**Hem kit PlanOn**  
Adjustable for hem width  
20, 25, 30, 35, 40 mm  
Order no. 5230109



**Metal case  
PlanOn / RoofOn /  
ComOn / SteepOn / ProtOn**  
Order no. 5201008  
**RoofOn Multi**  
Order no. 5232551



**Welding rod**  
Different types, profiles and  
colours

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www.dohle-extruder.de

**HERZ**  
www.herz-gmbh.com



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