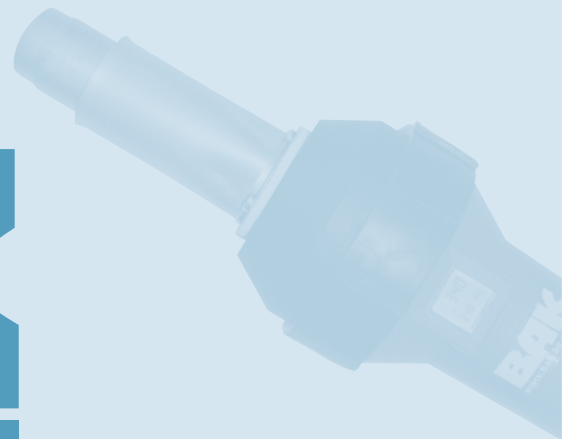
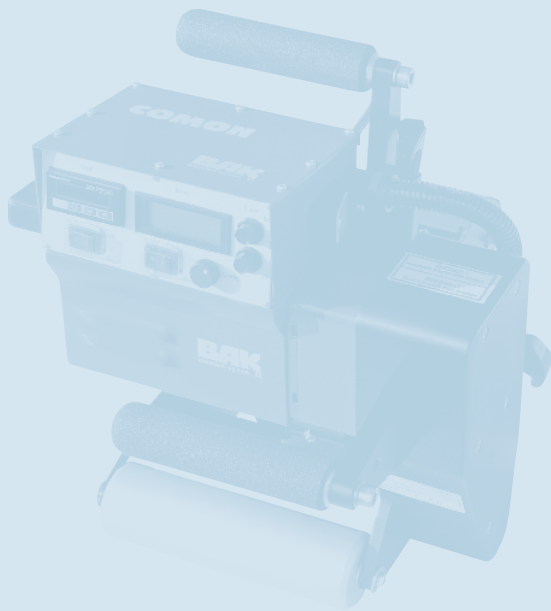


HEAT ON

Plastic welding machines



BAK

www.bak-ag.com



BAK Thermoplastic
Welding Technology AG

Industriestrasse 6
6064 Kerns / Switzerland

E-Mail info@bak-ag.com

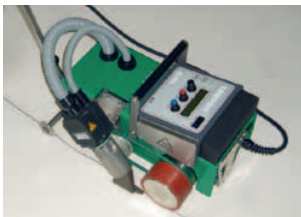
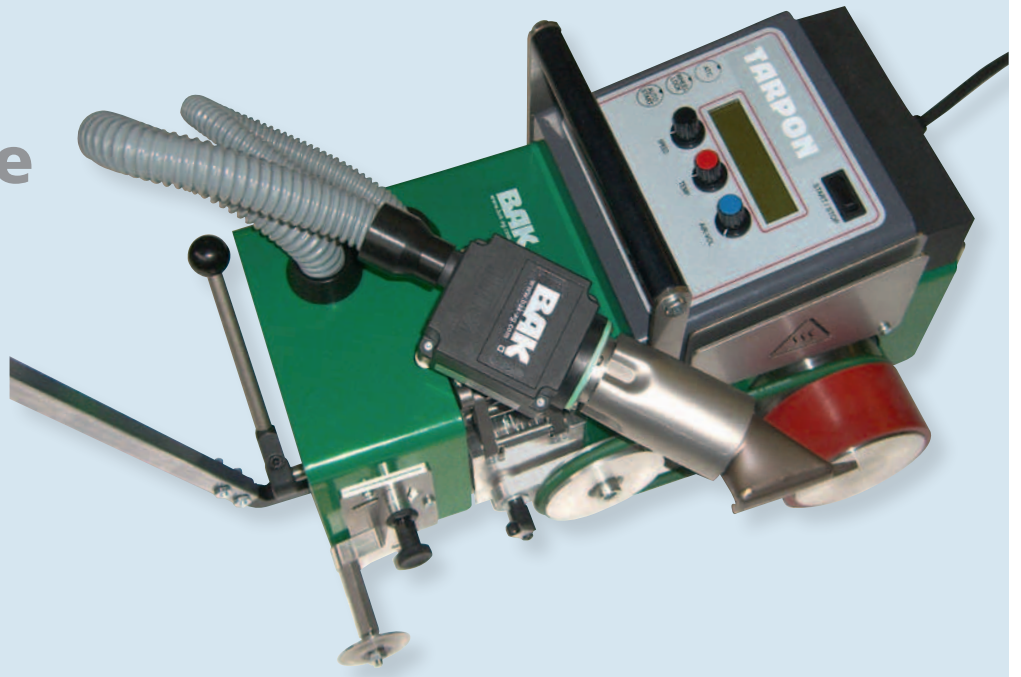
Telefon +41 (0)41 661 22 50
Fax +41 (0)41 661 22 51

Hot air welding machine

TARPON-ROOF

Compact,
handy,
innovative

- for welding of roofing membranes
- digital display showing speed, temperature and air flow
- automatic drive start system
- light weight and handy
- wrinkle-free welding
- seam width up to 40 mm



Low weight but still perfect seam quality.
Available for 30 or 40 mm seam width.

Technical data

Voltage	V	230
Frequency	Hz	50/60
Power consumption	W	2300/2900
Temperature	°C	20-620
Speed	m/min	0,5-12
Air flow max. (20°C)	l/min	500
Air flow	%	50-100 variable
Noise level	dB	50
Size (l x w x h)	mm	410 x 260 x 200
Weight	kg	11,5 with 5 m cord
Protection class I		⊕

Available on request
with 120 V.

ROOFON

Compact,
user-friendly,
save

- for welding of thermoplastic roofing membranes
- stepless adjustment of speed, air flow and temperature with potentiometer
- automatic drive start system
- fail-proof
- wrinkle-free welding
- seam width 40 mm



Low weight but still perfect seam quality.
Wrinkle-free welding, seam width 40 mm.

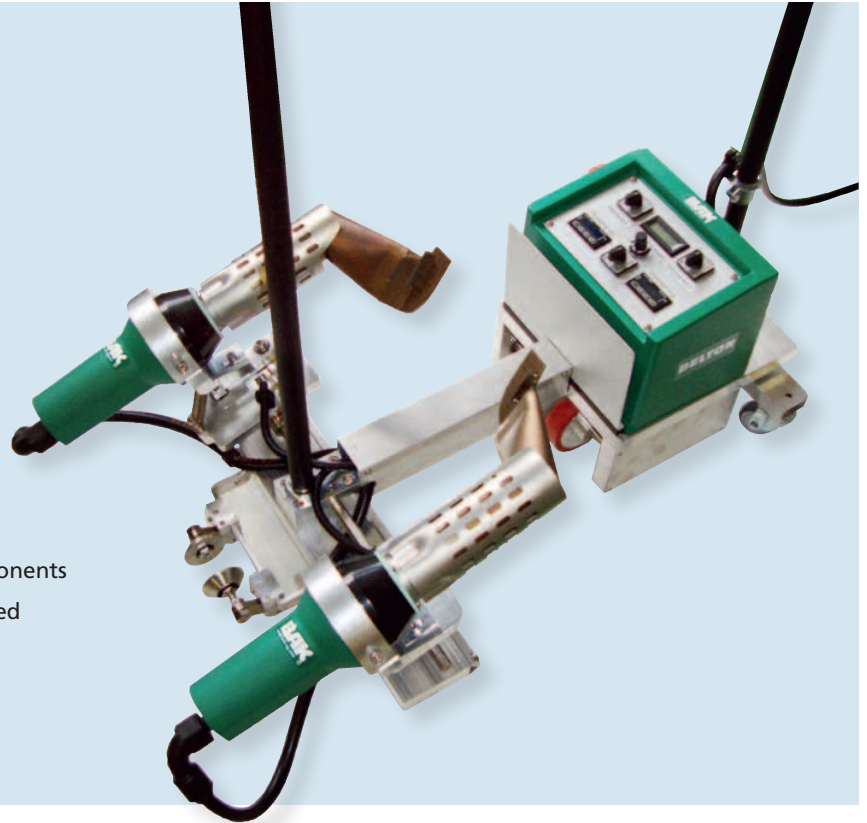
Technical data

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	50
Size (l x w x h)	mm	450 x 330 x 220
Weight	kg	15 with 5 m cord
Protection class I		⊕

BELTON P

**Fast,
robust,
ingenious**

- two welding seams in one operation
- high welding performance
- easy maintenance because of standard components
- digital display showing temperature and speed
- automatic drive start system
- designed for the most demanding job sites
- for welding of thermoplastic profiles



For welding of thermoplastic profiles in one operation. Economic and user friendly, high welding speed and field tested.

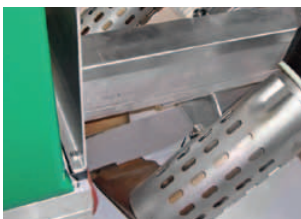
Technical data

Voltage	V	400
Frequency	Hz	50/60
Power consumption	W	6400
Temperature	°C	20-620
Speed	m/min	max. 24
Size (l x w x h)	mm	900 x 530 x 340
Weight	kg	39
Markings		CE

BELTON T

Universal,
powerful,
high speed

- for welding of thermoplastic tapes
- high welding performance
- easy maintenance because of standard controllers
- digital display showing temperature and speed
- automatic drive start system
- easy to convert to different tape widths



For welding of tapes, curtain tapes and tarpaulin bows on truck covers.

Economic and user friendly thanks to the high welding speed and simple design.

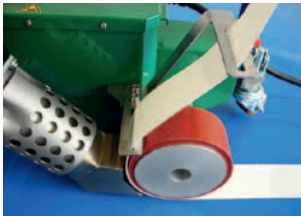
Technical data

Voltage	V	400
Frequency	Hz	50/60
Power consumption	W	6400
Temperature	°C	20-620
Speed	m/min	max. 24
Tape width	mm	50-150
Size (l x w x h)	mm	900 x 530 x 340
Weight	kg	39
Markings		CE

PLANON-BAND

Clever,
inexpensive,
efficient

- for welding of thermoplastic tapes
- approved and robust technology
- automatic drive start system
- economic and user-friendly
- stepless adjustment of speed and temperature with potentiometer



For welding of tapes, curtain tapes and tarpaulin bows on truck covers. Available for 40 or 50 mm width tapes.

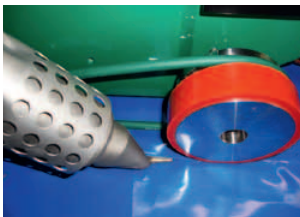
Technical data

Voltage	V	230
Frequency	Hz	50/60
Power consumption	W	3700
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	50
Size (l x w x h)	mm	460 x 360 x 640
Weight	kg	18 with 5 m cord
Protection class I		⊕
Markings		CE

PLANON

Simple,
robust,
low-priced

- for welding of coated fabrics, foils billboards, banners and tarps
- robust and mature technology
- automatic drive start system
- high welding speed
- economic and user friendly
- adjustment of welding speed and temperature with potentiometer



Simple to operate and because robust design fail – safe. Available for 20, 30 or 40 mm width welding seam.

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 variable
Noise level	dB	50
Size (l x w x h)	mm	460 x 360 x 310
Weight	kg	14 with 5 m cord
Markings		CE
Protection class I		⊕

TARPON

Compact,
handy,
innovative

- for welding of coated fabrics, foils and tarps
- digital display showing speed, temperature and air flow
- automatic drive start system
- high welding speed
- wrinkle-free welding
- new design and new technology



Due to more air flow higher welding speed.
Available for 20, 30 or 40 mm width welding seam.

Technical data

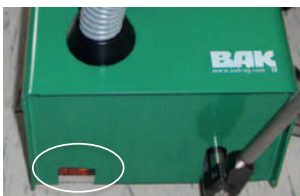
Voltage	V	230
Frequency	Hz	50/60
Power consumption	W	2300/2900
Temperature	°C	20-620
Speed	m/min	0,5-12
Air flow max. (20°C)	l/min	500
Air flow	%	50-100 variable
Noise level	dB	50
Size (l x w x h)	mm	410x260x200
Weight	kg	11,5 with 5 m cord
Protection class I		⊕

Available on request
with 120 V.

FLOORON

Easy,
fast,
safe

- for welding thermoplastic floors and linoleum
- digital display showing speed, temperature and air flow
- automatic drive start system
- optical wall switch with backlash make sure the machine stops at the wall and the floor is not burned
- integrated deroller system



optical wall switch with backlash

Due to more air flow higher welding speed. Optical wall switch with backlash make sure the machine stops at the wall.

Technical data

Voltage	V	230
Frequency	Hz	50/60
Power consumption	W	2300/2900
Temperature	°C	20-620
Speed	m/min	0,5-12
Air flow max. (20 °C)	l/min	500
Air flow	%	50-100 variable
Noise level	dB	50
Size (l x w x h)	mm	410 x 260 x 240
Weight	kg	11,5 with 5 m cord
Protection class I		⊕

Available on request
with 120 V.

SOLON

Superior,
fast,
reliable

- for welding of thermoplastic floors and linoleum
- stepless adjustment of speed, air flow and temperature with potentiometer
- automatic drive start system
- optical wall switch with backlash make sure the machine stops at the wall and the floor is not burned
- integrated deroller system



Due to a high air flow the SolOn has a very strong welding capacity. User-friendly because of approved and safe 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	50
Size (l x w x h)	mm	460 x 360 x 500
Weight	kg	16 with 5 m cord
Protection class I		⊕

ROTON

**Handy,
precise,
reliable**

- cuts welding grooves into all different types of floor coverings
- enables cut grooves along the walls
- integrated dust exhaust fan
- two levels of cutting speed
- three-point rest during milling to even unevenness
- adjustable guide roller enables milling of nap covers
- simple changing of cutting blade



The reliable grooving machine to cut welding grooves into all different types of floor coverings without dust.

Technical data

Voltage	V	230/120
Frequency	Hz	50/60
Power consumption level 1	W	350
Power consumption level 2	W	700
Speed level 1	U/min	14800
Speed level 2	U/min	18500
Noise level LpA	dB	78
Groove depth adjustment	mm	0-4, stepless
Size (l x w x h)	mm	210 x 210 x 262
Weight	kg	4,8 with 3 m cord
Markings		CE

COMON

**Durable,
efficient,
low-priced**

- optimal performance/best price
- high welding capacity, speed and quality
- field tested electronics, service friendly
- maintenance-free servo drive motor
- stepless adjustment of pressure, speed, and temperature
- stable, lightweight and compact design
- material welding range: PE-LD, PE-HD, PE-C, PVC-P, PP, ECB, EVA, TPO



Simple, reliable operation combined with the maintenance-free servo motor and field tested electronics. The Comon is designed for the most demanding jobsites.

Technical Data

Voltage	V	230
Frequency	Hz	50/60
Power consumption	W	1700
Temperature	°C	20-460
Speed	m/min	0,8-5,0
Welding pressure	N	max. 1400
Size (l x w x h)	mm	460 x 300 x 330
Seam dimensions (other sizes on request)	mm	15-15-15
Weight	kg	14
Markings		CE

MION

Compact, lightweight, high speed

- small and light but with very high welding performance
- perfect for thin material and overhead welding
- powerful drive system
- patented high tech ceramic wedge
- stepless adjustment of all welding parameter
- user friendly operation
- material welding range: PE-LD, PE-HD, PE-C, PVC-P, PP, ECB, EVA, TPO



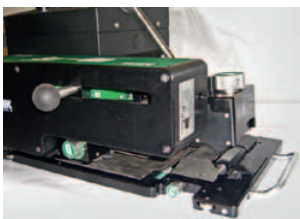
The smallest and lightest compact wedge welder in the world. Ceramic wedge for welding all different material types without changing the wedge.

Technical Data

Voltage	V	120/230
Frequency	Hz	50/60
Power consumption	W	1300
Temperature	°C	20-500
Speed	m/min	0,8-3,5
Welding pressure	N	max. 1100
Size (l x w x h)	mm	210 x 210 x 210
Seam dimensions (other sizes on request)	mm	15-15-15
Weight	kg	5,6 with 5 m cord
Markings		CE

Fast, efficient, quiet

- for welding of thermoplastic tarpaulins, billboards and banners
- high production because of higher welding speed
- welds thin material perfectly
- welding parameters can be saved
- optimal heat transmission with new ceramic wedge
- latest technology



Due to new wedge design higher welding speed.
Noiseless and smoke-free.

Technical data

Voltage	V	230
Frequency	Hz	50/60
Power consumption	W	1050, 1420 or 1790 depends on wedge width
Temperature	°C	20-425
Speed	m/min	0,5-42
Size (l x w x h)	mm	540x330x280
Seam width	mm	30, 40 or 50
Weight	kg	21,3
Protection class I		⊕

Available on request
with 120 V.