siegling blizzard®
splicing equipment

PORTABLE HEATING PRESSES

Siegling – total belting solutions

forbo
MOVEMENT SYSTEMS

SIEGLING BLIZZARD, THE TURBO-COOLED LIGHTWEIGHT COMBO PRESS

The Siegling Blizzard heating press sets new standards in terms of easy handling, superior productivity and excellent splice quality. It can be used on conveyor belts for Z-, Z-overlap and overlap-splices.

Forbo Siegling is a leading manufacturer of conveyor and power transmission belts. It offers not just first-class splicing equipment, but in-depth theoretical and application-driven splicing expertise.

The tools complement one another and guarantee efficient and durable splices due to:

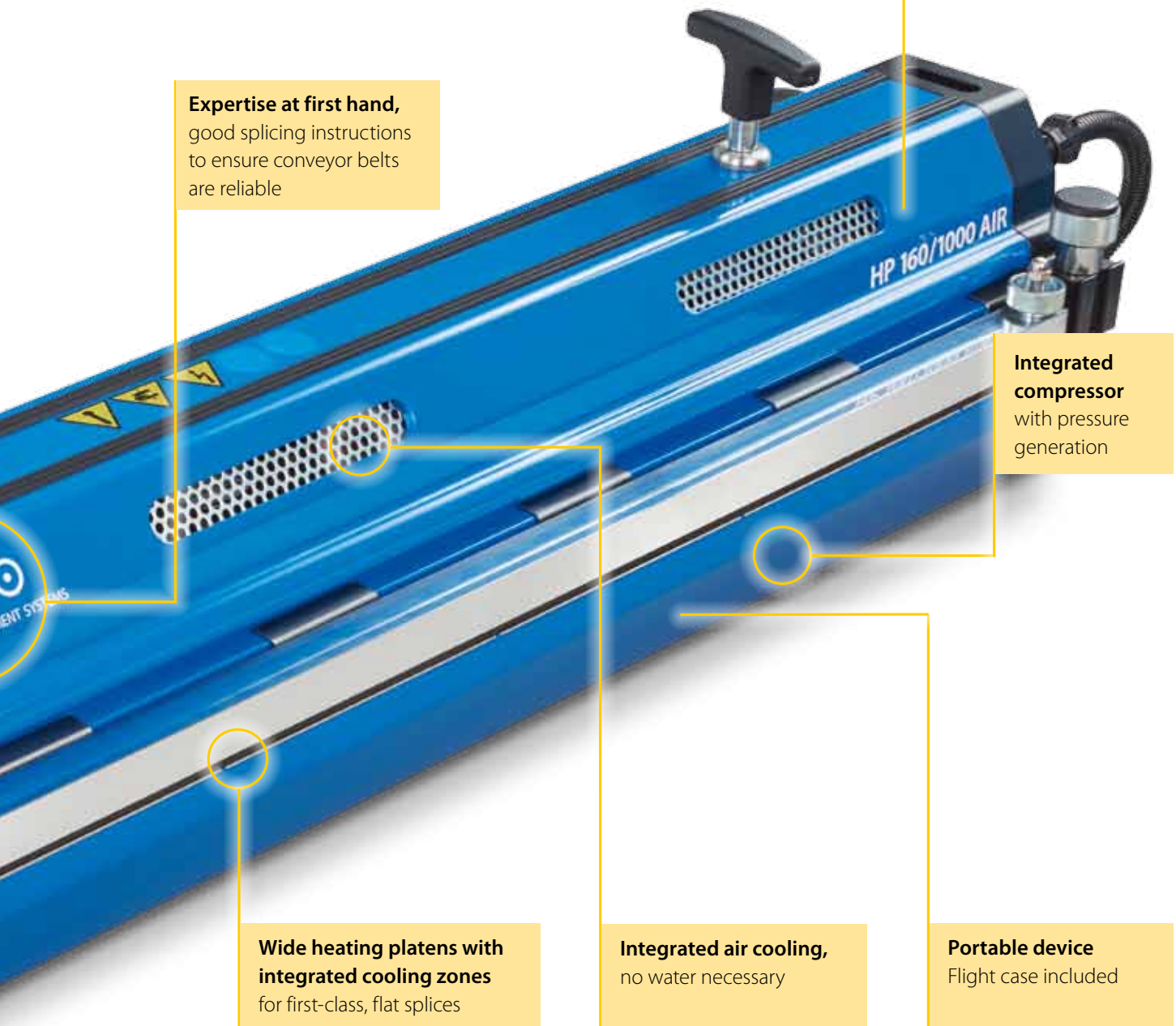
- high-quality equipment with all the accessories;
- a comprehensive range of services;
- detailed instructions.

A modern, compact and lightweight design

Integrated control of temperature and pressure

High productivity and short cycles

Expertise at first hand, good splicing instructions to ensure conveyor belts are reliable

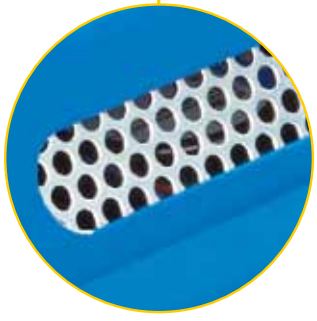


Integrated compressor with pressure generation

Wide heating platens with integrated cooling zones for first-class, flat splices

Integrated air cooling, no water necessary

Portable device Flight case included



SIEGLING BLIZZARD,
THE TURBO-COOLED LIGHTWEIGHT COMBO PRESS

The Siegling Blizzard is easy to use with fast cycle time. It sets new standards in splicing conveyor belts. Once you've set up the press and pressed the on button, the heating and cooling procedure in the press runs automatically.

The Siegling Blizzard press is supplied with a flight case on rollers. Because it's so compact and lightweight, it's quick and easy to set up. It's ready to use as soon as you've plugged it into the mains because there's no need to connect it to external subsystems.

> The control unit,
> compressor and
> air cooling system are integrated in the press.

This saves time and costs, prevents errors during operation and ensures hygiene on site.

Because it's so straightforward to use, depending on the splice, the cycles can be cut to 8 to 15 minutes on average, while the quality of the splice is maintained.

Less downtime increases productivity.

Due to the design of the Siegling Blizzard press with its particularly wide platens and integrated cooling zone, you'll be able to make very strong splices with excellent thickness tolerances.

Good-quality splices will increase the availability of your conveyor.

First-hand expertise

Forbo Siegling is happy to advise you on the best splice for your application. We will tell you what the best settings are for your Siegling Blizzard press and your Siegling belt.

Certified safety from the manufacturer.

Easy to use and with consistently accurate splices

Two quick-clamping bars make inserting, positioning and affixing the ends of belts in the bottom of the press easier. These clamping bars ensure that the material stays exactly in the right position until the top of the press is applied and clamped in place.

The Siegling Blizzard press has three controllers:

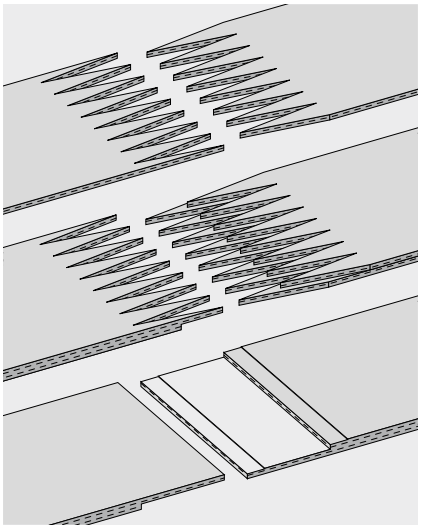
– controller 1 (at the top): to program the temperature and time;

– controller 2 (in the middle): to program the temperature and time;

– controller 3 (at the bottom): to pre-set the pressure required.

As specified in the Forbo Siegling splicing instructions for different materials, temperature, dwell time and pressure are easy to set. Instructions on the display take the user systematically through the menu. The actual splicing process is carried out automatically.

Customized parameters can be pre-set depending on the belt type, fabric and coating material. Different or the same temperatures can also be selected for the top and bottom heating platen. The dwell time can be set to the second and is shown in a countdown. The preheating cycle can be programmed gradually.



This flexibility means the Siegling Blizzard press is very versatile and can even allow welding of belts with extremely thin thermoplastic coatings, as well as thick and minimal thermally conductive belt materials where particularly stable distribution of the temperature over the whole of the heating platens is required.

The cooling zones, integrated on both sides of the heating platens, guarantee that the splice cools down evenly and ensure flat splices with exact tolerances.

Due to the special design features and the lack of any fiberglass or metal inlays that could lead to differences in pressure, the Siegling Blizzard press is ideal for top-level requirements:

– with accurate thickness over the entire width of the belt;

– with a flat surface with virtually no shine and no bumps next to the splice;

– with less shrinkage of the splice fingers;

– without the heating platens leaving any marks on the belt surface.

TECHNICAL INFO

Service and training

Forbo Siegling has decades of experience in making and using conveyor and power transmission belts. We can offer you training so that you can learn some of these skills, how to prepare belts properly, the splicing procedure itself and how to use the tools. With just a little training, you can achieve consistent splicing quality.

The Siegling Blizzard heating press is available in six different versions, ranging from 300 mm to 1,500 mm (11.8 in to 59 in). It can operate on most standard voltages. The Siegling Blizzard heating press can be used for splicing thermoplastic belts of up to 1,500 mm (59 in) in width.

All presses comply with EC-Directives:
– Machine Safety Directive 2006/42/EC, Low Voltage
– Equipment Directive 2006/95/EC,
– Electromagnetic Compatibility Directive 2004/108/EC.

Items included

– The Siegling Blizzard heating press with integrated cooling, compressor and control
– Flight case with rollers
– Detailed operating instructions

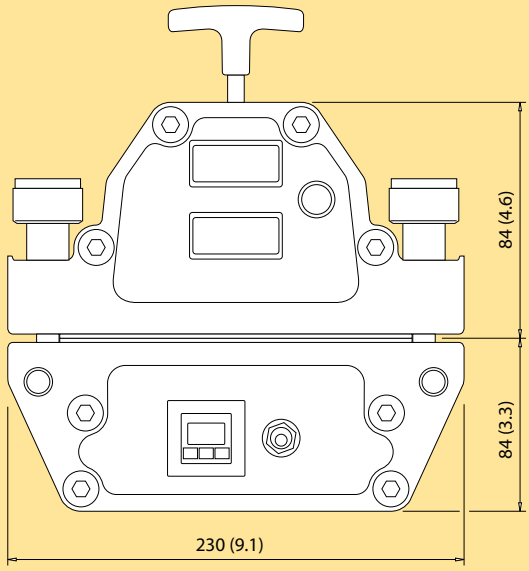
	Blizzard HP 160/400 AIR	Blizzard HP 160/600 AIR	Blizzard HP 160/800 AIR	Blizzard HP 160/1000 AIR	Blizzard HP 160/1200 AIR	Blizzard HP 160/1500 AIR
Effective belt width [mm (in)]	400 (15.7)	600 (23.6)	800 (31.5)	1000 (39.4)	1200 (47.2)	1500 (59)
Max. effective splice length [mm (in)]	160 (6.3)	160 (6.3)	160 (6.3)	160 (6.3)	160 (6.3)	160 (6.3)
Weight Bottom part [kg (lb)]	12 (26.5)	15.8 (34.8)	19.1 (42.1)	22.5 (49.6)	26.2 (57.8)	31 (68.3)
Weight Top part [kg (lb)]	14.6 (32.2)	18.6 (41)	22.7 (50)	26.9 (59.3)	30.9 (68.1)	36.8 (81.1)
Total Weight [kg (lb)]	26.6 (58.6)	34.4 (75.8)	41.8 (92.1)	49.4 (108.9)	57.1 (125.9)	67.8 (149.5)
Length [mm (in)]	590 (23.2)	790 (31.1)	990 (39)	1190 (46.8)	1390 (54.7)	1690 (66.5)
Width [mm (in)]	230 (9.1)	230 (9.1)	230 (9.1)	230 (9.1)	230 (9.1)	230 (9.1)
Height Top part [mm (in)]	118 (4.6)	118 (4.6)	118 (4.6)	118 (4.6)	118 (4.6)	118 (4.6)
Height Bottom part [mm (in)]	84 (3.3)	84 (3.3)	84 (3.3)	84 (3.3)	84 (3.3)	84 (3.3)
Max. pressure [bar (psi)]	2.5 (36.3)	2.5 (36.3)	2.5 (36.3)	2.5 (36.3)	2.5 (36.3)	2 (29)
Max. temperature [°C (°F)]	200 (392)	200 (392)	200 (392)	200 (392)	200 (392)	200 (392)
Transport dimensions (LxWxH) [mm]	875 x 370 x 350	875 x 370 x 350	1275 x 370 x 350	1275 x 370 x 350	1775 x 370 x 350	1775 x 370 x 350
Transport dimensions (LxWxH) [in]	34.5 x 14.6 x 13.8	34.5 x 14.6 x 13.8	50.2 x 14.6 x 13.8	50.2 x 14.6 x 13.8	69.9 x 14.6 x 13.8	69.9 x 14.6 x 13.8
Transport weight [kg (lb)]	42.1 (92.8)	49.9 (110)	61.9 (136.5)	69.5 (153.2)	83.8 (184.8)	94.5 (208.3)
Power requirements						
1 phase [Volt / Amp / Watt] Art. No.	230 V / 9 A / 2200 W Art. No. 873399 110 V / 14 A / 1520 W Art. No. 873400	230 V / 14 A / 3200 W Art. No. 873401 110 V / 14 A / 1520 W Art. No. 873402	230 V / 16 A / 3680 W Art. No. 873403 110 V / 14.5 A / 1600 W Art. No. 873404	230 V / 16 A / 3680 W Art. No. 873405 110 V / 14 A / 1484 W Art. No. 873406	230 V / 16 A / 3680 W Art. No. 873409	230 V / 19.5 A / 4500 W Art. No. 873412 230 V / 16.0 A / 3680 W Art. No. 873413 230 V / 13.0 A / 3000 W Art. No. 873414
3 phase [Volt / Amp / Watt] Art. No.				400 V / 11 A-5.5 A-5.5 A / 7600 W Art. No. 873407	400 V / 12 A-6.0 A-6.0 A / 8990 W Art. No. 873408 480 V / 11 A-5.5 A-5.5 A / 8900 W Art. No. 873410	400 V / 16 A-8.0 A-8.0 A / 11072 W Art. No. 873411 480 V / 13 A-6.5 A-6.5 A / 10700 W Art. No. 873415

Power supply

Unless otherwise specified, all presses will be supplied without a plug attached.

An appropriate plug can be fitted for a small additional charge on request. Please state the type of plug required when you order.

Key dimensions



Key dimensions in mm and inches (in)
All imperial measurements have been rounded up.

Siegling – total belting solutions

Committed staff, quality oriented organization and production processes ensure the constantly high standards of our products and services. The Forbo Siegling Quality Management System is certified in accordance with ISO 9001.

In addition to product quality, environmental protection is an important corporate goal. Early on we also introduced an environmental management system, certified in accordance with ISO 14001.

Forbo Siegling service – anytime, anywhere

The Forbo Siegling Group employs more than 2,500 people. Our products are manufactured in ten production facilities across the world. You can find companies and agencies with warehouses and workshops in over 80 countries.
Forbo Siegling service points are located in more than 300 places worldwide.

Forbo Siegling GmbH
Lilienthalstrasse 6/8, D-30179 Hannover
Phone +49 511 6704 0
www.forbo-siegling.com, siegling@forbo.com

Forbo
MOVEMENT SYSTEMS

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