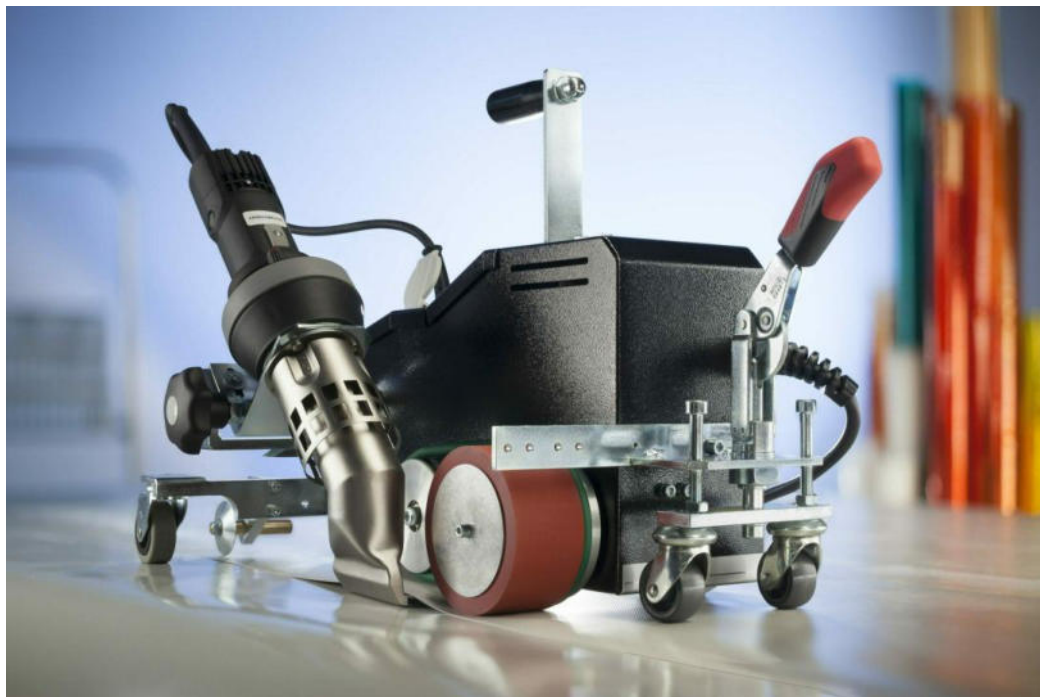




AUTOMATIC WELDERS

Hot-air automatic welders

Product overview of the automatic welders



The automatic welders weld thermoplastic tarpaulins, roofing membranes, webbing and floor coverings automatically, quickly and without wrinkles. From the agile banner machine to the heavy webbing and roofing automaton, the range covers the full spectrum of industrial seam welding.

Table of contents

Quick comparison

FORSTHOFF-P2

FORSTHOFF-P

FORSTHOFF-D

FORSTHOFF-DB

FORSTHOFF-F

Contact

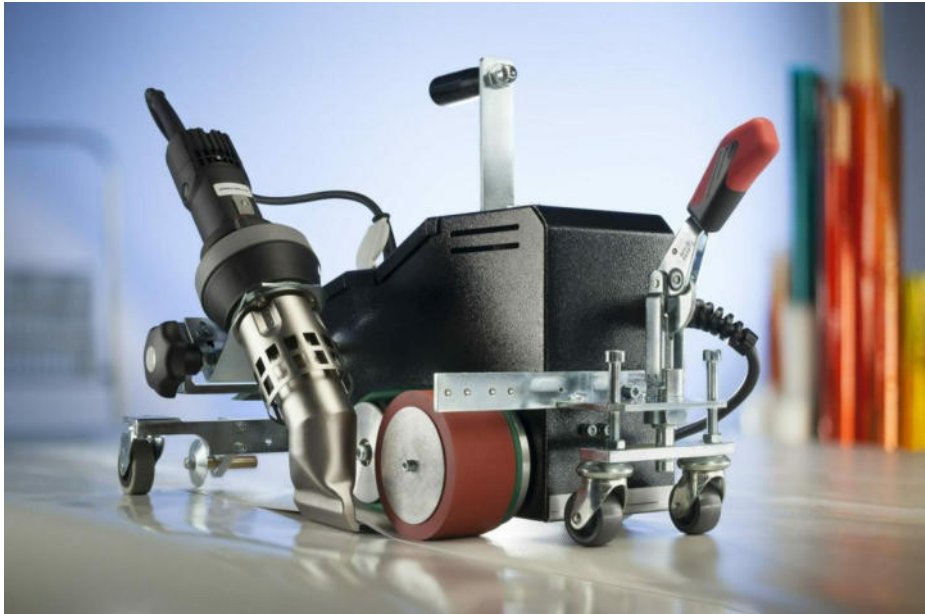
Quick comparison

All 5 models at a glance. Detailed technical data and descriptions follow in the individual sections.

Tool	Power	Air volume	Temperature	Weight	Typical application
FORSTHOFF-P2	up to 4000W	—	20 – 700 °C	23,9 kg	Advertising banners, vehicle tarpaulins; agile
FORSTHOFF-P	up to 4000W	—	20 – 700 °C	19,5 kg	Tarpaulins, tents, awnings; robust
FORSTHOFF-D	4000W	360 l/min	20 – 700 °C	30,5 kg	Roofing membranes, heavy tarpaulins
FORSTHOFF-DB	4000W	360 l/min	20 – 700 °C	36,8 kg	Webbing 50 mm
FORSTHOFF-F	3000W	—	20 – 700 °C	21.0 kg	Floors, linoleum

FORSTHOFF-P2

Agile, light automatic welder for advertising banners and vehicle tarpaulins



Highlights

- **Ideal automatic welder for advertising banners and vehicle tarpaulins**
- **Speed and temperature continuously adjustable**
- **Economical and operator-friendly**
- **Also usable for overlap, hem and welt welding**

Description

The Forsthoff-P2 is the agile and light hot-air automatic welder, ideal for advertising banners and vehicle tarpaulins. Also suitable for overlap, hem and welt welding of tarpaulins made of PVC, PE or PP.

The FORSTHOFF-P2 automatic welder is the efficient and agile universal machine for welding truck tarpaulins, tents, awning fabrics and advertising banners. The hot-air welder produces overlap seams of 20, 30, 40 or 45 mm and can also be converted for welding in welt cords. In addition, the machine can easily be used with a hem-welding accessory to produce hems of 20 mm and 30 mm and of 40 mm and 45 mm. Accessories for welt welding, roof welding and band welding are also available for this machine.

The heating power of up to 4000 W 230 V AC is continuously adjustable from 20 to 700 °C and can thus be individually matched to the different materials. After the welding head is swung in, the FORSTHOFF-P2 starts automatically. In addition, the continuously variable speed setting of the advanced motor generation, with a travel performance of up to 18 metres/min, together with the hold-down device, ensures wrinkle-free welding and thus an optimal welding result. A secure pressure on the tarpaulin is provided by a three-point support.

Thanks to a new generation of nozzles, tarpaulin fabrics can be welded at a speed of up to 11 metres/min. The machine also has a sturdy carrying handle and a telescopic guide handle that can be individually adjusted to the user's height. The agile and slim housing design makes the FORSTHOFF-P2 ideal for use in the vehicle-tarpaulin and advertising-banner sector.

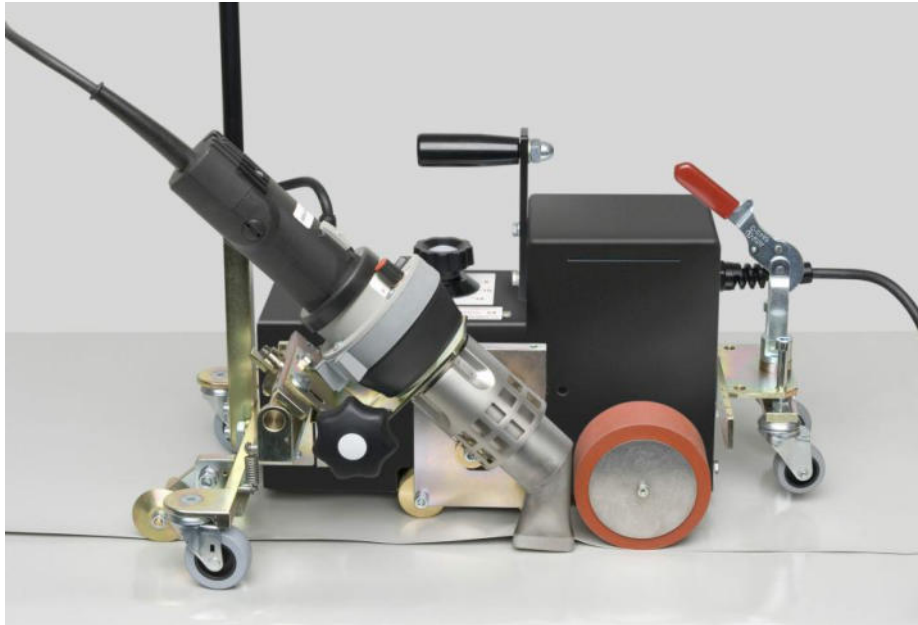
Technical data

Voltage	230V; 120V
Power	up to 4000W 230V; 2200W 120V (depending on seam width)
Frequency	50/60 Hz
Temperature	20 – 700 °C

Weld seam width	20, 30, 40, 45 mm
Welding speed	up to 18 m/min
Dimensions	Length 535 mm, width 280 mm, height 350 mm (without guide handle)
Weight	23.9 kg incl. weight and handle
Conformity marks	CE; EAC
Protection class	II

FORSTHOFF-P

Robust tarpaulin welder for tarpaulin processors and master saddlers



Highlights

- **Ideal automatic welder for tarpaulin processors and master saddlers**
- **Robust design, reliable and operator-friendly**
- **Usable on table and floor**
- **With accessories for overlap, hem, welt and band welding**

Description

The FORSTHOFF-P automatic welder is ideal for overlap, hem and welt welding. Available for 20 mm, 30 mm, 40 mm and 45 mm wide weld seams.

The Forsthoff-P automatic welder is the efficient and agile welder for welding truck tarpaulins, tents and awning fabrics. It produces overlap seams of 20, 30, 40 or 45 mm and can also be converted for welding in welt cords. In addition, the machine can easily be used with a hem-welding accessory to produce hems of 20 mm and 30 mm and of 40 mm and 45 mm.

The heating power of up to 4000 W 230 V AC is continuously adjustable from 20 to 700 °C and can thus be individually matched to the different materials. A secure pressure on the tarpaulin is also provided by a three-point support. Thanks to a new generation of nozzles, tarpaulin fabrics can be welded at a speed of up to 11 metres/minute.

The tarpaulin welder also has a sturdy carrying handle and a comfortable guide handle. The agile and slim housing design makes the Forsthoff-P ideal for use in the vehicle-tarpaulin sector.

Technical data

Voltage	230V; 120V
Power	3300W, 3500W, 4000W 230V; 2200W 120V
Frequency	50/60 Hz
Temperature	20 – 700 °C
Weld seam width	20, 30, 40, 45 mm
Welding speed	up to 11 m/min

Dimensions	Length 590 mm, width 220 mm, height 290 mm (without guide handle)
Weight	19.5 kg with connection cable, without handle
Conformity marks	CE; EAC
Protection class	II

FORSTHOFF-D

Powerful roofing and overlap welder for heavy membranes



Highlights

- **Powerful automatic welder for roofing and overlap welding**
- **Cost-effective and user-friendly automatic welder**
- **Continuously adjustable temperature**
- **Made in Germany**

Description

The Forsthoff-D roofing welder is the optimal welding machine for welding thermoplastic roofing membranes. This machine is also suitable as an overlap welder for welding heavy thermoplastic tarpaulins and films.

The Forsthoff-D produces overlap seams of 40 mm or 45 mm. The heating power of 4000 W 230 V is continuously adjustable from 20 – 700 °C and can thus be individually matched to the different materials. The mounted strong Oval-AB hot-air blower produces a strong air output of 360 litres/minute.

In addition, the Forsthoff-D machine features an advanced geared motor made in Germany. Thanks to the continuously variable speed setting, a travel performance of up to 16 metres/minute can be achieved.

Together with the hold-down device for wrinkle-free welding, the tarpaulin and roof-membrane processor obtains an optimal welding result. The machine starts automatically after the welding head is swung in. A secure pressure on the tarpaulin is also provided by a three-point support. This is additionally reinforced by the weight integrated into the housing of the FORSTHOFF-D machine, which can be removed if required.

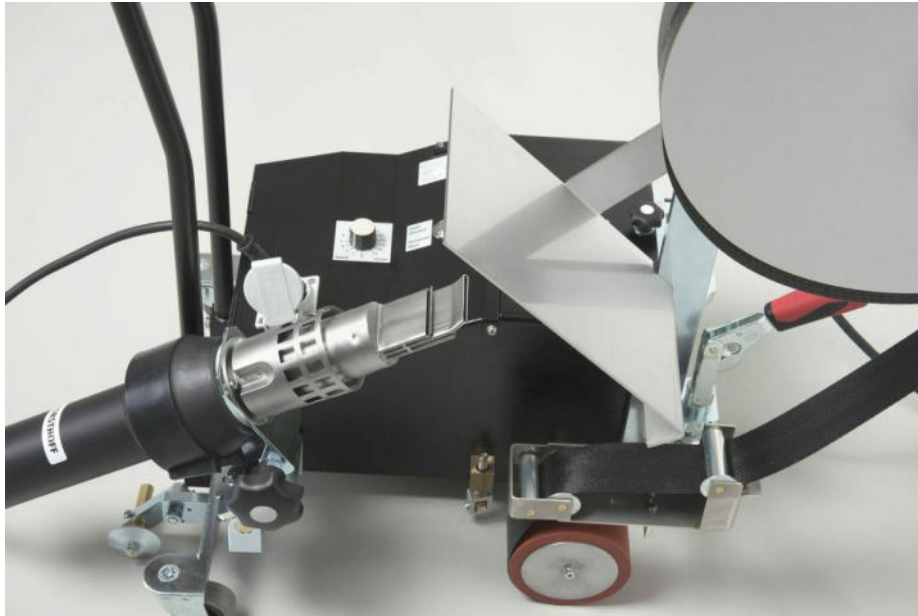
Technical data

Voltage	230V; 120V
Power	4000W 230V; 2200W 120V
Frequency	50/60 Hz
Temperature	20 – 700 °C
Weld seam width	40, 45 mm
Welding speed	up to 16 m/min
Air volume	360 l/min (Oval-AB blower)

Dimensions	Length 520 mm, width 385 mm, height 320 mm (without guide handle)
Weight	30.5 kg incl. weight and handle
Conformity marks	CE; EAC
Protection class	II

FORSTHOFF-DB

Powerful webbing welder for 50 mm webbing



Highlights

- **For welding thermoplastic bands and webbing**
- **Powerful band welder**
- **Speed and temperature control via potentiometer**
- **With accessories for reinforcement and anti-vandalism bands**

Description

The Forsthoff-DB webbing welder is a very powerful automatic welder for applying 50 mm webbing. With additional accessories it can be used for welding reinforcement and anti-vandalism bands.

The hot-air machine has a heating power of 4000 W 230 V AC, continuously electronically adjustable up to 700 °C. The travel unit is equipped with a strong motor and heavy housing, ensuring a brisk drive and strong pressure. The machine starts automatically after the welding head is swung in.

In addition, the machine housing is mounted on a three-point support that compensates for small unevenness in the welding surface. This is additionally reinforced by the weight integrated into the housing of the Forsthoff-DB machine, which can be removed if required.

The Forsthoff-DB reliably welds on webbing of 50 mm width. The mounted strong Oval-AB hot-air blower produces a strong air output of 360 litres/minute. In addition, the Forsthoff-DB machine features an advanced geared motor made in Germany. The heat shield further enhances the generously dimensioned unwinding device of the Forsthoff-DB machine and prevents the webbing spool from heating up and deforming.

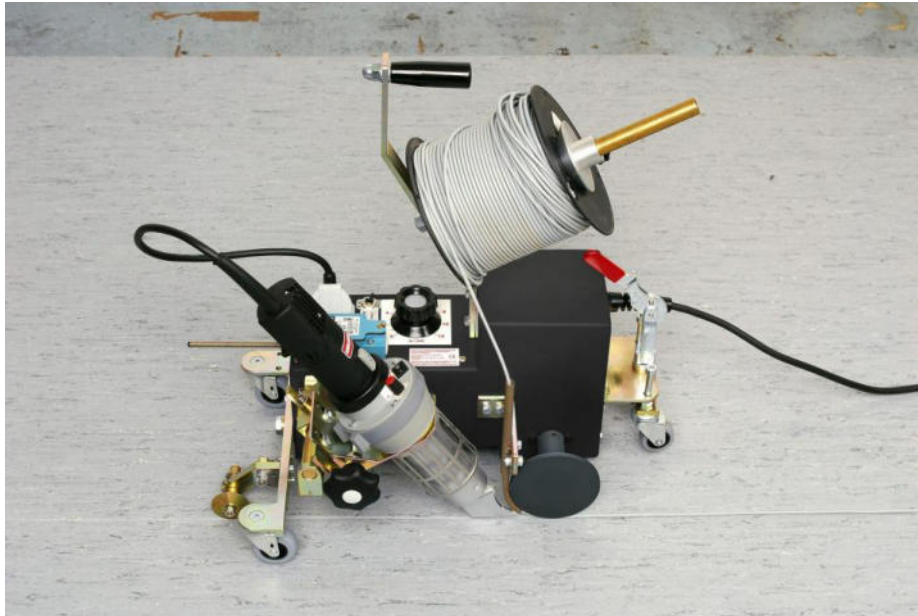
Technical data

Voltage	230V; 120V
Power	4000W 230V; 2200W 120V
Frequency	50/60 Hz
Temperature	20 – 700 °C
Band width	50 mm webbing
Air volume	360 l/min (Oval-AB blower)

Dimensions	Length 520 mm, width 385 mm, height 760 mm (without guide handle)
Weight	36.8 kg incl. weight and handle
Conformity marks	CE; EAC
Protection class	II

FORSTHOFF-F

Floor welder for thermoplastic floors and linoleum



Highlights

- **For welding thermoplastic floors and linoleum**
- **With automatic wall cut-off**
- **Safe travel through three-point support of the machine housing**
- **Universal unwinding device**

Description

The efficient Forsthoff-F floor welder is suitable for welding thermoplastic floors and linoleum.

With the FORSTHOFF-F automatic welder, PVC floor coverings can be welded and fusion welds and sealing of linoleum coverings can be carried out.

The heating power of 4000 W 230 V AC is electronically adjustable from 20 to 700 °C. The machine also has a continuously variable speed setting from 0 to 19 metres/min and can thus be matched to the individual material types.

The clean unwinding of the welding rod is ensured by a high-temperature-resistant coating of the pressure roller and wire guide. The universal unwinding device fits all common wire spools. The machine is fully equipped ready for welding and also has an automatic wall cut-off. After the welding head is swung in, the machine starts automatically. Safe travel is ensured by a three-point support of the machine housing.

Technical data

Voltage	230V; 120V
Power	3000W 230V; 2200W 120V
Frequency	50/60 Hz
Temperature	20 – 700 °C
Welding speed	0 – 19 m/min
Dimensions	Length 520 mm, width 310 mm, height 330 mm (without guide handle)
Weight	21.0 kg

Conformity marks	CE; EAC
Protection class	II

Contact

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