

BAHNER Pedal Press Type 5-313 / 6-313

(Edition 2017/08)

Type 6-313



Bahner

The pedal press is primarily used for blocking ladies` and gentlemen`s hats (also carnival`s hats) on aluminum moulds which are specially equipped, and which are heated electrically.

The design has been kept simple, on purpose. On a lower frame, the individual press units are mounted on. The press moulds are heated with electric. The lower part of the mould is normally fixed mounted. However, it can also – for easier manipulation – be moved out towards the front. For this purpose, the lower taking-up unit has to be specially equipped.

The upper part of the press mould is moved in downwards by way of foot pedal, and with the hand wheel for fine adjustment is pressed on the hat body which has been put on the lower part of the press mould. Too strong a pressure will produce press marks on the hat body, which cannot be removed again.

All parts and mechanisms are arranged in such a way that they will guarantee uncomplained permanent performance. The moveable machine parts are running slide bearings.

The illustration on page _____ at the left, at the top of the page, shows the pedal press, 2-units, upper part working from the top downwards, taking-up unit for the lower mould moved out towards the front.

Heating:

Electrically:

If you wish the moulds to be heated electrically, the machine, normally, is delivered with a electric cabinet, plugs and sockets and 4 controllers to control heat on every position of machine, ready for operation. Connection is 380 V / 50 Hz or 220 V / 60 Hz.

Machine will have following characteristics:

Electric cabinet, with security switch, Heat control system, which shows set value and the actual value of every position; incl. Thermostat.

On a 2 working unit machine this would be:

- Left working place upper mould
- Left working place lower mould
- Right working place upper mould
- Right working place lower mould.

This ensures full flexibility.

Machine is able to accept any kind of mould.

As accessories, we can deliver:

- Heat cones, one standard size
- Heat rings, any size
- Heat plates, any size

These components can be adapted to all kinds of moulds.

This ensure full flexibility of lowest possible economic investment.

Electric heating is part of machine, not part of every mould.

For, the electrical installation depends from the type of heating of the moulds. However, we can also deliver the machine in a way that electrically heated moulds can be connected. (additional charge).

Moulds consisting of 3 or more parts:

On the middle part of the mould with 3 or more parts – which are in three levels – the hat is pulled on, stringed on, and is – over pedal and tensioning device – pulled into electrically heated lower mould. After this process is completed, the upper mould is set on. These procedures are running off automatically when the press is closed. With the aid of this device – called „lower pressing device“ by us – the most complicated shapes can be pressed quickly and simply.

The illustration on page _____ shows the pedal press, 2-units, upper part working from the top downwards, closed

Left-hand unit:

mould for ladies` hats, with two parts

Right-hand unit:

mould for ladies` hats, with three parts, working with middle part and lower pressing device.

The lower pressing device is charged separately and consists of an exchangeable mould plate for taking up the lower mould, a middle rod for taking up the pipe and the tensioning device, two flat worm nuts, one affixing device for the lower cross-pole, a special heating equipment. It will enable working with moulds which – when pulling-on the hat bodies – are in 3 levels

The illustration on page _____ shows the pedal press, 2-units, upper part working from the top downwards:

The left-hand working unit is set with a two-part, the right-hand working unit with a three-part mould for ladies` hats.

Moulds:

Address of Suppliers for electrically heated moulds, upon request.

Normally, the machine is supplied with 2 units, only.

Technical Data:

	Type 5-313	Type 6-313
Description	pneumatic	manuell
Measurements		
Lenght , approx.	2000 mm	2000 mm
	78,7 inch	78,7 inch
Width , approx.	920 mm	920 mm
	36,2 inch	36,2 inch
Height , approx.	2140 (1900) mm	2140 (1900) mm
	84,3 (74,8) inch	84,3 (74,8) inch
Case seaworthy packed		
Lenght , approx.	2120 mm	2120 mm
	83,5 inch	83,5 inch
Width , approx.	1020 mm	1020 mm
	40,2 inch	40,2 inch
Height , approx.	2200 mm	2200 mm
	86,6 inch	86,6 inch
Weight		
Net , approx.	350 kg	650 kg
	771,62 lbs	1433,00 lbs
packed for railway , approx.	410 kg	
	903,90 lbs	
packed seaworthy , approx.	410 kg	
	903,90 kg	
installed achievement kw	4	
compressed Air	6 bar	



Type 5-313

to follow