

BAHNER Paring and Rounding Machine

Type 324 (Edition 2017/10)

Pictures to follow

For exactly cutting the brims of gentlemen's hats and hat bodies, we offer a Universal Paring and Rounding Machine,

One model of the machine can be modified into the other model by exchanging the front part, bearing a plate when cutting the brims of gentlemen's hats, against a front part having a cone put on top.

General Design:

This simple and sturdy brim paring and rounding machine has two strong geared cutting knives „SM“, which pare the brim of the hat excellently.

The upper paring knife is axially tensioned and presses with adequate pressure against the lower paring knife, thereby at all times guaranteeing perfect paring. The rubber pilot ring „GVR“ transports the hat or the hat body continuously.

With the model for paring the brims of gentlemen's hats the exchangeable frontpart „VT“ carries a round plate „T“, on which the hat is put. The movable touching slider „ALB“ can be adjusted to width by opening the screwable button „KS“ and pulling the bow out to the left. A scale cut in shows the desired width.

If you want to pare the brims of hat bodies, please open the Screw „S“ and pull out the frontpart towards the front. It is exchanged by a taking-up unit „VTS“ which at the front carries an adjustable and exchangeable Cone „K“. Design, arrangement, and working

method are the same for both models of the machine.

Normally, the machines are driven with the aid of a gear motor „GM“ over a coupling „K“. A motor protection switch „M“ installed enables the motor to be switched on and off and protects the gear motor from being overloaded.

Brim Paring Rings:

We, normally, deliver, if not desired otherwise by the buyer, brim paring rings „RSN“ made of heavy metal, together with the machine. They are all around worked out 10 mm wide. That means, the brims of the hats are pared evenly wide on all sides. The brim, getting wider with rising sizes of hats, has to be equalized out with the aid of the touching slider.

You, however, can also get brim paring rings „RSU“ from us with which you can pare the sides of the hat brims by 2 or 3 mm narrower than at the front and the back. The paring rings are made in such a way that the brims of hat hats from number to number are getting wider approximately by 1 mm. That means that, for instance, the hat size 53 at the side is pared to 50 mm, while with the same adjustment of the machine the hat size 60 is cut 57 mm wide, without having to change the touching slider „ALB“

The difference in width of the brims – at the front and backwards for instance 3 mm wider than the sides – however, is the same for all sizes in sequence.

Should different adjustments be desired, we can work these into the brim paring rings without difficulty. In case of order, please state technical data or instruments.

Working Method:

a. HAT

The left hand with the back lies at the right-hand side of the plate. The first finger rests on the knife protection and inserts the hat. The rubber pilot ring „GVR“ pulls in the hat continuously. That means, the operator only has to guide excellently the hat during the paring process so that the machine pulls it in and pares it correctly.

b. HAT BOX

That hat body is put on the cone and guided lightly with the left hand. The machine transports the brim of the hat body on and pares it off.

The output to a large degree depends on the flow of material. One worker, in 8 hours, can pare correctly between 1200 and 2400 hats or hat bodies, without hastening.

Drive:

The machine is delivered completely installed. Upon request, it, however, can also be delivered without drive equipment. In this case, a V-belt pulley of a diameter of 260 mm is included in the delivery of the machine.

Technical Data

Dimensions approx.	800 x 260 x 470 mm
	31,5 x 10,3 x 18,5 inch
Measurements of case approx.	900 x 360 x 570 mm
	35,4 x 14,2 x 22,4 inch
Space required approx.	800 x 400 x 570 mm
	31,5 x 15,7 x 22,4 inch
Weight	
net, incl. Set of formillions approx.	60 kgs
	132,28 lbs
seaworthy packed approx.	80 kgs
	176,37 lbs