

Hammer Fulling Machine Type 220

(Edition 2020/12)

Bahner



With

- mounted electric motor and V-belt drive
- with fulling vat and hammer arms, made of rot-resistant wood
- fulling hammer arms, front surface reinforced by synthetic resin plates
- safety protection for flywheel, drive and crankshaft
- water circulation equipment with centrifugal pump, water tank and piping (as option)
- fast and economic fulling operation with a high coefficient of friction

The fulling on hammer fulling machine is proved best for the production of wool and fur hat bodies, berets and all other knitted fabrics (clothes, blankets, gloves etc.), for a long time.

The material shrinks 3-dimensional and it is called the non-regulated milling or fulling operation.

The hammer fulling machine works with the well-known milling principle.

The fulling result is very regular by the influence of humidity, heat and pressure and equalise the material.

Our hammer fulling machine Type 220 is made in 6 different sizes. For a good fulling result the ratio between volume and surface of the goods is very important. It is optimised in all sizes of hammer fulling machine.

The complete labour costs of the fulling operation are low. During the fulling operation the worker has to control only the humidity and the temperature of the goods.

Preparing the goods for the fulling operation and to smooth them after the fulling operation are easy and quick to be done.

Humidity and temperature of the goods are very important during the fulling operation and decide their final quality. The fulling time depends on the quality of the raw goods, their size, the

preceding fulling operation and the final size of the ready goods.

The fulling vat and the two hammer arms are made from hardwood, which is extremely resistant against humidity and use. The hammer arms are covered with front plates made from synthetic resin for a longer lifetime.

Anyway, the intensity of the fulling operation remains unchangeable.

The problems with mould and rips in the wooden parts, although the abrasion in the steps of the hammer arms, are avoided with this combination of wood and synthetic resin.

The lifetime of the wooden parts is much longer than with conventional wood.

On demand we deliver a water circulation equipment, sufficient for up to 2 machines.

This equipment includes a centrifugal pump 216 /8 with mounted electric motor, water tank, made from stainless steel, and the necessary pipings, made from stainless steel and the valves.

For fur goods this equipment is absolutely necessary.

The safety protection for flywheel, drive and crankshaft allows to work safe on the running machine.

Technical data

Model	Dry Filling Capacity		Weight approx.				Clear width between wood approx.		Dimensions						Speed upm	Required Power kW approx.
			gross		net				Lenght		Width		Height			
	kg	lbs	kg	lbs	kg	lbs	mm	inch	mm	inch	mm	inch	mm	inch		
3-220	6-8	13,23 - 17,64	1.315	2.899,08	1.066	2.350,13	400	15,8	1.500	59,1	920	36,2	1.400	55,1	150	1,5
4-220	9-12	19,84 - 26,46	1.510	1.984,16	1.260	2.777,83	650	25,6	1.500	59,1	1170	46,1	1.400	55,1	150	1,5
5-220	16-20	35,27 - 44,09	2.010	4.431,29	1.760	3.880,14	530	20,9	1.850	72,8	1300	51,2	1.700	67	130	2,2
6-220	22-30	48,50 - 66,14	2.160	4.761,99	1.910	4.210,83	730	28,7	1.850	72,8	1470	57,9	1.700	67	130	2,2
7-220	38-46	83,78 - 101,41	3.010	6.635,91	2.760	6.084,76	760	29,9	2.100	82,7	1550	61	1.800	70,9	130	2,2
8-220	50-60	110,23 - 132,28	3.160	6.966,61	2.910	6.415,45	1.050	41,3	2.100	82,7	1850	72,8	1.800	70,9	130	3,6

