

# Automatic Press Type AP 7-312

(Edition 2017/08)



With

- Ecological water central hydraulic (up to 16 bar)
- Central simple adjustment with SPS – control
- Free adjustable press time from 0 seconds up to 999 seconds
- Full – automatic working cycle with auto adjustment in hat size
- Automatic opening and closing of the machine
- Separate electric adjustable heating for crown and brim
- Double safety installations

The Hydraulic Press Type AP 7-312 is a very efficient machine. By the combination of press pressure, temperature and adjustable time all kinds of hats can be pressed in their final shape in this machine.

This simple handling of the machine can be done from trained people.

#### **Working Method of the Machine:**

The coming out mould carrier is fitted with an aluminium mould. Every ready blocked hat (Capeline) is put into the machine. By pressing the two start buttons the machine is started. The cycle begins. The machine closes itself, the cornered locking ring closes the machine and the pressure, adjusted before the start of the cycle, is increased. After achieving the adjusted

pressure (0 – 16 bar), the press time begins to runs. It is adjustable between 0 sec. and 999 seconds. After running time is finished, the pressure goes down automatically, the machine opens itself and returns to the start position.

The pressed hat can be removed from machine and the next hat can be put in.

Typical use for this machine are e.g. in summer straw hats and in winter hats, made from wool or fur which can be pressed with the same aluminium mould on this machine.

This machine is Universal usable for:

- Straw Hats
- Wool felt hats
- Fur felt hats.



## Technical Data:

| Measurements                 | Standard                        | Big Sizes   |
|------------------------------|---------------------------------|-------------|
| Working $\varnothing$        | 500 mm                          | 580 mm      |
|                              | 19,7 inch                       | 22,8 inch   |
| Length                       | 1020 mm                         | 1100 mm     |
|                              | 40,2 inch                       | 39,4 inch   |
| Width                        | 820 mm                          | 900 mm      |
|                              | 32,3 inch                       | 35,4 inch   |
| Height                       | 2030 mm                         | 2050 mm     |
|                              | 79,9 inch                       | 80,7 inch   |
| <b>Case seaworthy packed</b> |                                 |             |
| Length                       | 2200 mm                         | 2300 mm     |
|                              | 86,6 inch                       | 90,6 inch   |
| Width                        | 1000 mm                         | 1080 mm     |
|                              | 39,4 inch                       | 42,5 inch   |
| Height                       | 2280 mm                         | 2300 mm     |
|                              | 89,8 inch                       | 90,6 inch   |
| Weight net approx.           | 680 kg                          | 760 kg      |
|                              | 1499,12 lbs                     | 1675,51 lbs |
| Weight gros approx.          | 880 kg                          | 960 kg      |
|                              | 1940,07 lbs                     | 2116,44 lbs |
| <b>Installed capacity</b>    |                                 |             |
| Moulds electrically heated   |                                 |             |
| 1 crown heating circle       | 1000 W 230 V 50 Hz              |             |
| 1 brim heating circle        | 1000 W 230 V 50 Hz              |             |
| 1 electric motor             | 230 / 400 V 50 Hz 1,5 kW / 4 kW |             |

Electric current per hour

The total installed capacity of machine is 4 kW / 6 kW

Connexion value 230 V / 60 Hz / 4 kW / 6 kW or 400 V / 50 Hz / 4 kW / 6 kW

Standard Ring 6-312-601, changeable to conical flat ring.

Further 6 rings of different design, especially intermediate rings, are available.

The machine can take any mould with open shape.

**Pressure:** 0 to 16 bar standard

**Heating:** electrical: adjustment of temperature by 2 separate regulators for crown and brim, 0 to 150 ° C adjustable

**Electrical Connexion:** standard 400 V, 50 Hz or 230 V, 60 Hz;  
other voltage on special demand.