

M101230 ROTATING SCALDING | MECROT

Description:

The Mecanova MECROT scalding is an ideal machine for automating production lines between 50 and 150 pigs per hour where there is also little space in the facility. Production will depend on the climate of the animal breeding area, and can be used to automate the line and replace traditional rafts, reducing at least one line operator. The return on investment ranges from one to three years.

The machine receives the channels in the upper part, and works in steps, conditioned by the dehairing machine cycles.

The carcasses are submerged in the scald raft, keeping four animals in water if it is the MECROT-1 model and eight, if it is the MECROT-2 model. Heating of the water is carried out by direct steam.



Technical Data:

- Made of AISI 304 stainless steel
- Structure based on square tube of 80x80x4
- Inner sheets of thickness 3 and outer sheets of 1.5 mm
- Rock canvas insulation throughout the raft
- Drum set made of 8 mm thick stainless steel rolled sheet
- Axes in F125
- *Timken* bearing holder and bearings
- Traction by gearmotor with 3 kW brake and C4 corrosion protection
- Water heating by direct steam modulated by ARI brand pneumatic valve
- High precision temperature control with adjustment to a tenth of a degree centigrade
- Includes automatic manual fill, drain and overflow valve
- All the inlet and outlet pipes for water, drain and steam are made of stainless steel.
- The steam heating system includes safety bypass, pneumatically actuated steam modulating valve, filter, vacuum breaker and non-return valve. Bypass manual valves are made of cast iron, with special anti-corrosion treatment
- The scalding control allows planning the start time of the water heating

Demonstration Video: <https://youtu.be/1APLE4FRqTg>



