

M101211

## IMMERSION SCALDING TANK

### Description:

Scalding of pigs in small slaughterhouses, with throughputs ranging from 20 to 30 pigs per hour, or in high-capacity plants located in tropical climates, often requires this type of immersion scalding system.

This equipment requires the operators to manually move the carcasses from the entry point to the side next to the dehairing machine, where a lifting comb removes the carcass from the tank and transfers it into the dehairer.



Mecanova's scalding tank features a direct steam injection heating system, regulated by a modulating pneumatic valve that ensures the water reaches and maintains the optimal scalding temperature.

The tank is built entirely in AISI 304 stainless steel and is thermally insulated with rock wool or fiberglass to minimize heat loss. The unit is supplied with filling and draining valves, as well as an overflow outlet.

### Technical Specifications:

- Fully constructed in AISI 304 stainless steel
- Frame built with 80x80x3 mm stainless steel square tubing
- Inner sheets in 3 mm stainless steel, outer cladding in 1.5 mm stainless steel
- 80 mm rock wool insulation for thermal efficiency
- Direct steam injection heating system with vacuum-break valve control
- Manual filling and draining valves, plus overflow outlet
- Control panel to be quoted separately, depending on synchronization requirements with other slaughter line equipment.

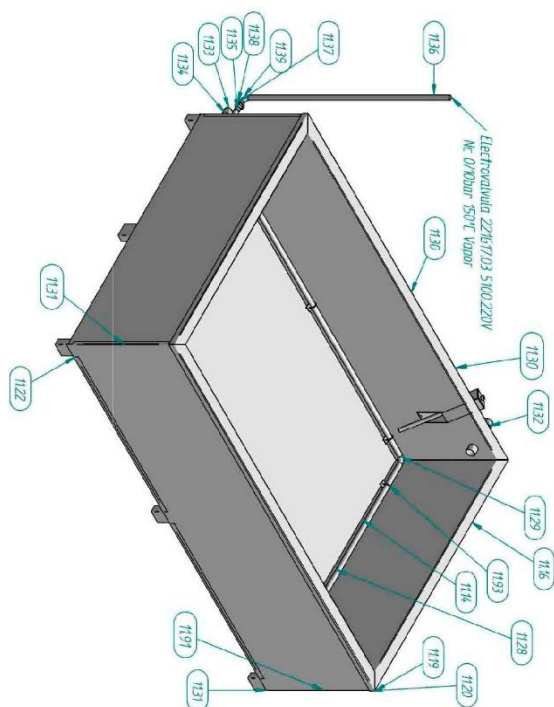
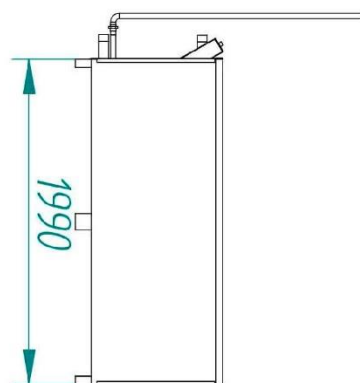
### Documentation

The following documentation will be delivered with the machine:

- CE warranty certificate
- Operation and maintenance manual
- List of recommended spare parts
- Detailed drawings of machine components referenced for the maintenance department
- Electrical and/or hydraulic diagrams





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