

M101231

SCALDING BY PUSHING | MECPUSH

Description:

It is a scalding system designed for facilities with productions of between 80 and 150 pigs per hour, depending on the size of the animals, the animal husbandry climatology and the breed. For large animals, it is possible to carry out productions of 80 pigs per hour, for which a Kojak dehairing MEC100 type (with capacity for one pig per cycle) will be necessary for the subsequent phase. The production of 150 pigs would be carry out with animals weighing less than 100 kg, for which a Kojak dehairing model MEC170 will be needed, with a capacity of 2 two pigs per cycle, with a scalding time of 4.5 minutes.

The scalding comprises a traditional raft on which a conveyor is mounted with push combs pulled by a double chain and a 2.2 kW gear motor. The heating system is by direct steam modulated by an ARI brand pneumatic valve.

The equipment includes a filling and emptying system using manual valves. This equipment allows to control the scalding time of each animal, improving its quality. The temperature control is from high pressure to tenth of a degree centigrade.

Technical Data:

- Made of AISI 304 stainless steel
- Scalding is controlled by an electrical panel (it is budgeted separately or within the general framework of the slaughterhouse that works depending on the dehairing cycles)
- The electrical panel enables the planning of water heating
- The equipment includes water overflow
- The raft is structurally manufactured with 80x80x3 stainless tube
- The inner sheets are 3 mm thick and the extensions are 1.5 mm and it includes internal technical insulation using rock wool
- The raft includes lower guide plates with a thickness of 3mm
- The push conveyor with its combs is made of stainless steel, although the drive sprockets and chains are made of zinc-plated steel.
- 2'2 Kw Bonfigliori brand motor
- The water heating system incorporates safety bypass, pneumatic steam modulation valve, filter, non-return valve and vacuum breaker



Models:

	PIGS CAPACITY >120KG	PRODUCTION	SCALDING TIME
MECPUSH (L4,7 meters)	6 pigs	80 pigs/hour	4,5 minutes
MECPUSH x L (L6 meters)	8 pigs	80 pigs/hour	6 minutes

Both models can work with 2 animals per push, doubling their production capacity (animals of less than 100 kg or increasing their scalding time and reducing their production).





