

M111006

PIG STUNNING BOX SUITABLE FOR SOWS

Description:

Specially designed for immobilising and stunning large and heavy pigs, particularly sows and boars weighing between 200 and 400 kg.

This equipment requires a separate tunnel of conduction, as well as a bleeding table. For the stunning process itself, we recommend electrical equipment with impedance control and data recording that complies with regulations. The animal enters the box from the tunnel through a sliding or sectional door, which allows individual access to the box. The box does not include a built-in base, so the floor is concrete, as is the ramp of the tunnel, providing safety and relaxation for the animal. This facilitates entry, stunning, and subsequent exit and cleaning of the area.

The design of the equipment allows the animal to be held in place by a pneumatic side door controlled by the operator, who presses on it, immobilising the animal.

The Mecanova box allows easy access to the stunning points with tongs. Once the electric shock has been administered, the animal can be removed quickly thanks to the fact that the door that immobilises it is raised, releasing it and allowing it to fall onto the bleeding table.



Technical Data:

- Production capacity of 100 pigs/hour, for animals up to 400 kg.
- Structurally constructed with 60x40x2mm tubing and 5mm thick AISI-304 stainless steel sheet. Anchored to the floor with 12mm thick stainless steel plates and 12 threaded rods (Φ14mm). Drive axle with 40x40mm solid steel and 12mm thick double levers. Timken brand UCP208 stainless steel bearings with plastic housings. Immobilization movement and exit door controlled by a Metalwork brand double-acting pneumatic cylinder (Φ125mm). Central closed-center valve.
- Sectional steel door made of 100x40x2mm tubing with a 1000 g/m³ polyethylene sliding guide and a 20mm thick Teflon door with a stainless steel protective plate to prevent injury to the animals. This door is operated by a Φ63mm pneumatic cylinder with a 900mm stroke.
- The equipment is designed and manufactured without any sharp edges that could injure the animal and has a glass bead blast finish.
- The equipment is controlled by a pneumatic control panel with IP66 protection. The valves are Metalwork brand, and it includes an air pressure control unit with a dryer and a lubrication oil reservoir.
- Operating pressure: 6 bar

DEMOSTRATIVE VIDEO 1

DEMOSTRATIVE VIDEO 2



Documentation

The following documentation will be delivered with the machine:

- CE Warranty Certificate
- User and Maintenance Manual
- Recommended Spare Parts List
- Referenced Drawings of Machine Parts for the Maintenance Department
- Electrical and/or Hydraulic Schematics



