

M101014 STUNNING SYSTEM BY CO2 MECO-23 (WHEEL SYSTEM)

Description:

Wheel type carbon dioxide pig stunning machine with side entry. The equipment is manufactured using structural profiles in S275 JR steel finished in hot galvanized. It equips 6 baskets with gondolas, distributed as a system of a wheel, which are driven by a single gear motor.



In compliance with European animal welfare regulations, it meets the following requirements:

- Basket space for 100 kg pigs according to the animal welfare standard
- Concentration percentage higher than the required from the first position
- Dwell time at a high percentage of CO2 according to the European standard
- Informative display of the percentages of CO2 and exposure time per gondola for the operator and the veterinarian
- Exportable data log
- Gas heating system at the required temperature

The machine is designed to achieve maximum reliability in all its movements, and it is equipped with electronic components, chains and bearings of the highest quality and made in Europe.

It also incorporates an automatic lubrication system commanded from the CO2 general board, with the option of programming the lubricators according to use.

Includes pneumatic access and dosing door (Mecanova recommends tunnel of conduction and dosing for this matter)

Along with the machine, a security access door locking system and a rapid gas extractor are incorporated.

Incluye bomba trituradora extractora de lodos y sistema automático de lavado de gondolas con toma de conexión satélite de limpieza externo

The machine has a design that, along with the included lighting, allows maximum visibility of the process in accordance with the regulations

Demonstration Video:

https://youtu.be/mHEIF2_smk



Dimensions and productions:

The machine has a design that allows it to leave our factory pre-assembled, being transported in a 40-foot Flat Rack, unloaded and placed with a crane, facilitating the entire operation and reducing assembly time and cost to the maximum.

- 2625 x 2450 x 6000 (mm dimensions)
- La producción dependerá del tamaño de las cestas Productions depends on the size of the baskets

SIZE OF THE BASKET	BASKET WIDTH X LENGTH	M ²	PRODUCTION
S	625 x 2030	1,06	200 c/h
M	785 x 2030	1,59	300 c/h
L	1050 x 2030*	2,12	400 c/h

(*) For this last basket, the dimensions of CO2 would increase (**2625 x 3000 x 6000**), forcing a special transport. In the same way, it would be transported by Mecanova.

Technical Data:

- Made of structural profiles in hot-dip galvanized and screwed S275 JR steel
- Motorization depending on the production: between 7.5 kW and 15 kW
- European made chain and bearings
- Easy-clean self-discharge baskets with perforations for easy gas evacuation
- 0.75 Kw mud extractor grinder pump
- 0.75 Kw gas extraction pump
- Protection and control electrical panel that includes
 - Elements Schneider, Siemens, Weidmuller or Ewon Communication Systems
 - 7 "Siemens touch screen
 - Mecanova CO2 control system
 - Pneumatics Metal Work
 - Siemens 1200 PLC
 - Lubrication system
 - Remote communication system for assistance

NOT INCLUDED:

- Pit civil works (if drawings are included)
- Works for unloading and placement
- Air, gas, electricity and water connections
- Gas expulsion tube to the outside, as well as its assembly
- Assembly, according to specific budget
- Crane for download and placement



