

M101450

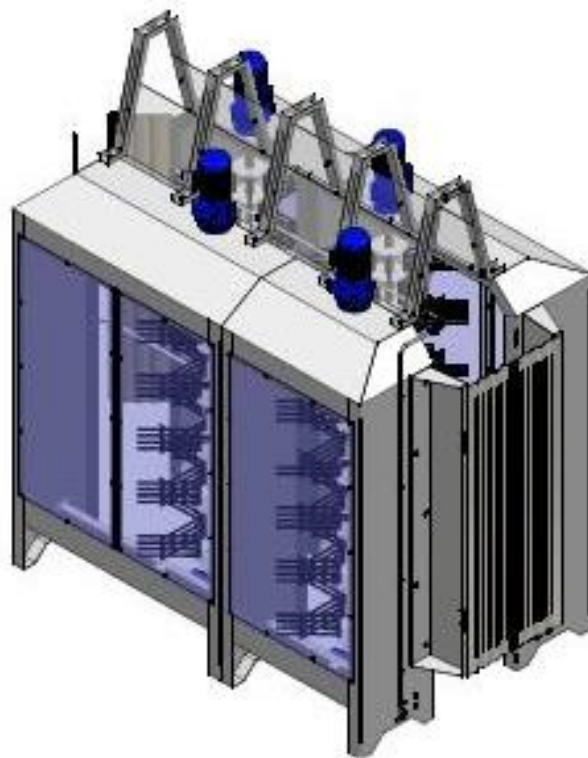
CLEANING WHIPPING MACHINE 4RV

Description:

Machine designed to remove residual hair and clean the animal's skin after the dehairing process and prior to entry into the singeing furnace.

This unit is structurally manufactured from 6 mm thick stainless steel sheets, forming two symmetrical welded bodies, which gives it excellent rigidity.

- Motors with shafts designed to progressively reach the entire surface of the carcass, ensuring the highest quality finish
- Power transmission from the motor to the shaft is achieved through a flexible coupling, improving motor lifespan
- Shaft weight is supported at the bottom by tapered roller bearings
- The shafts are fitted with 12 sets of stainless steel discs, each holding 16 flails secured by 4 stainless steel carriage bolts. This design prevents metal wear on the shafts and allows for easy maintenance of the flails
- The design facilitates water and dirt drainage to the lower drip tray that runs along the processing line
- The two main bodies are joined by four hot-dip galvanized UPN frames, allowing seamless integration with the overhead conveyor or gambrel chain
- Includes a mid-height stainless steel safety bar to prevent carcasses from getting entangled in the shafts
- Entry and exit doors can be added on request to prevent water splashing outside

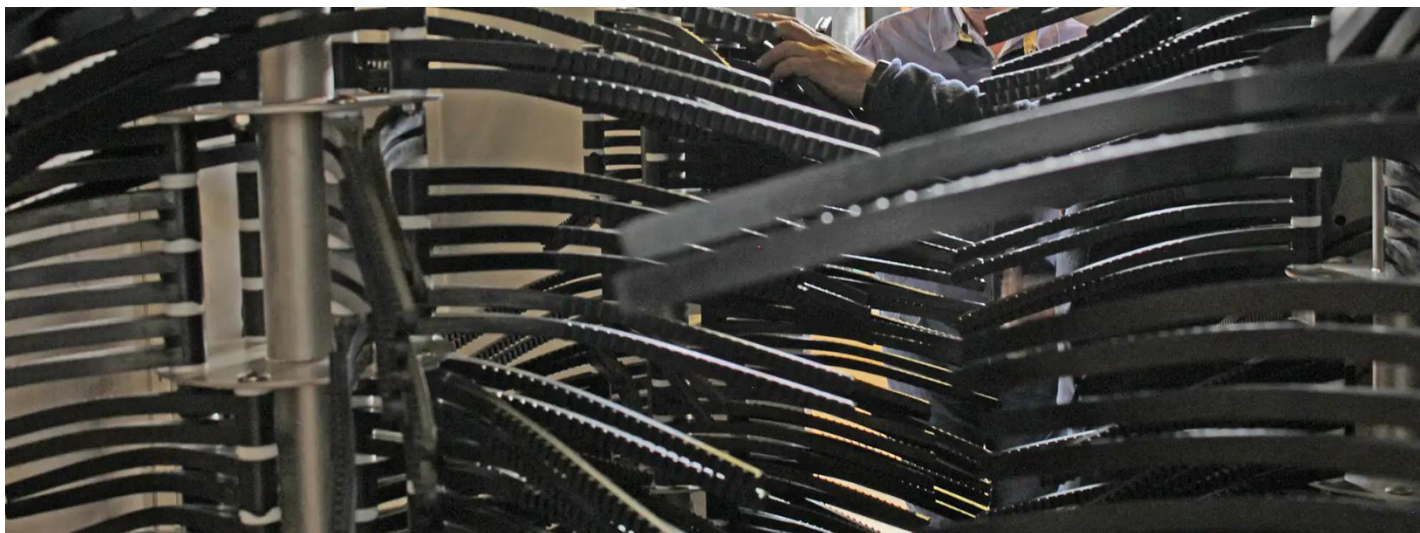


Mecanova incorporates rubber whipping, which significantly improves the quality of the carcass finish.

The equipment includes a low-consumption water diffusion system in both bodies through two lines: two at the top and two at mid-height, ensuring a flawless finish of the carcass.

Optionally, a water shut-off valve can be installed so that the water spray only activates when the overhead conveyor is in operation.

It is recommended to use water from the cooling system of the singeing oven rail. This takes advantage of existing hot water and, when production levels are high enough, helps prevent carcass cooling and removes any remaining hair.



Technical Specifications:

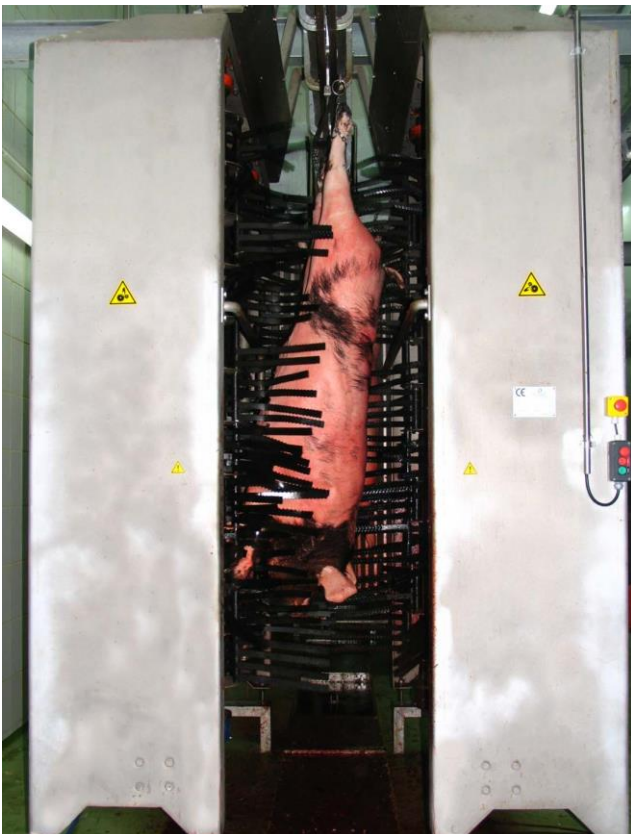
- Built with a frame in AISI 304 stainless steel and detachable side panels made of stainless steel sheet
- Number of vertical shafts with rubber whips: 4
- Shaft length: 2,300 mm
- Double reinforced rubber whips with bronze bushings on each whip
- Number of whips per shaft: 168
- 4 Gearmotors of 3 kW each
- Operating speed: 213 rpm
- Typical dimensions: 3,000 × 2,000 mm. Height: 3,740 mm
- Water spray circuit with 8 water diffusers: 2 levels with 4 diffusers each (consumption of 25 liters/hour)
- Electrical control and command panel not included
- Water consumption: 1,466.4 liters/hour

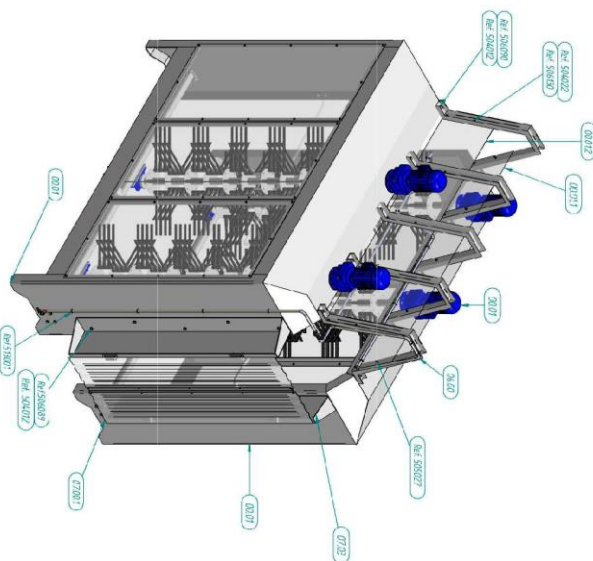
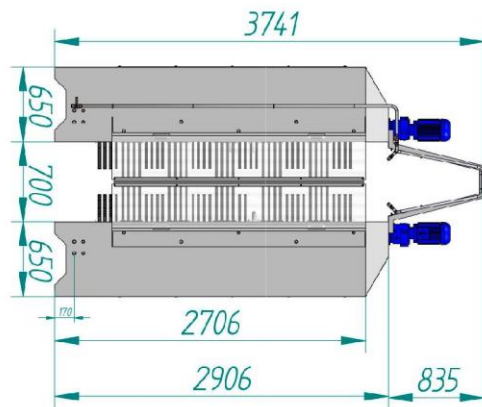
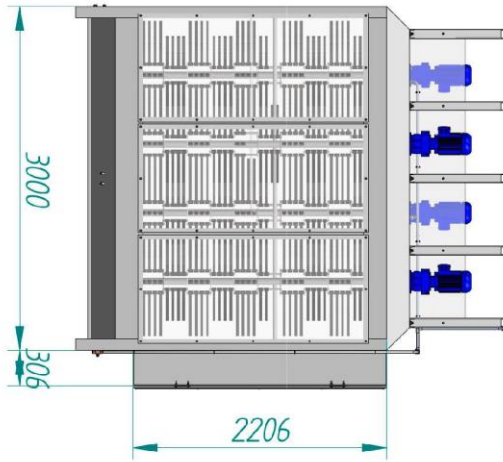
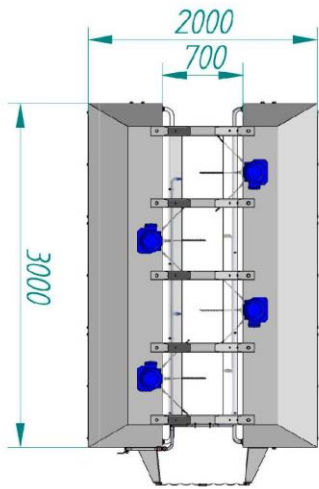
DEMONSTRATION VIDEO

Documentation

The following documentation will be delivered with the machine:

- CE Warranty Certificate
- Operation and Maintenance Manual
- Recommended Spare Parts List
- Drawings of machine components referenced for the maintenance department
- Electrical and/or hydraulic diagrams





MODIFICACIÓN.		REVISIÓN	
Escala:	1:100	Disegador:	
Verificado:		Fecha:	
Fecha:			
DESIGNACIÓN:		OBSERVACIONES	
FLAJEADORA LIMPIADORA 4RV			
MATERIAL: ELIUD INDUSTRIAL S.L. SUE		FECHA:	
Acabado Superf.: ENANMILITRIMINERSTFPA			
Toleran. Superf.: _____			
Toleran. Inducidas: _____			
NumPiso: M 101/50			
REF. PROYECTO			



