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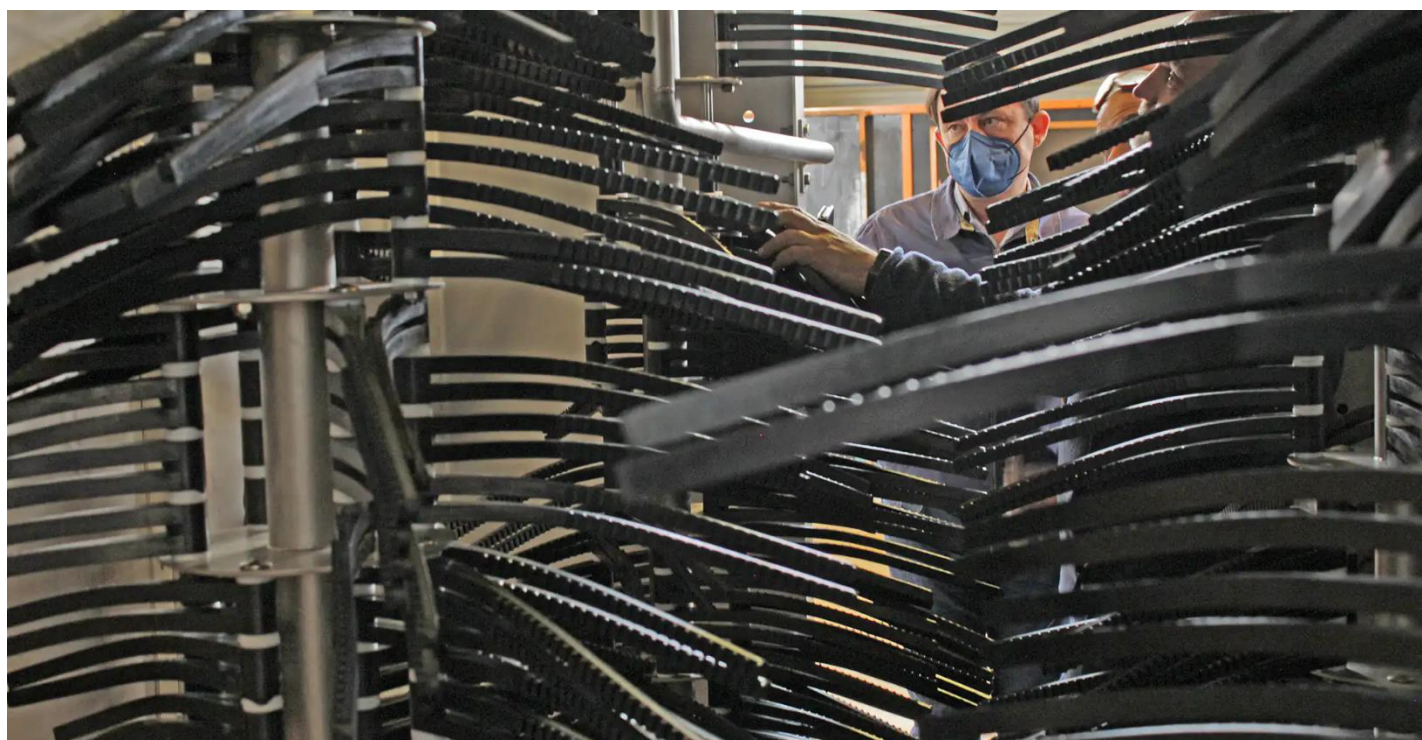
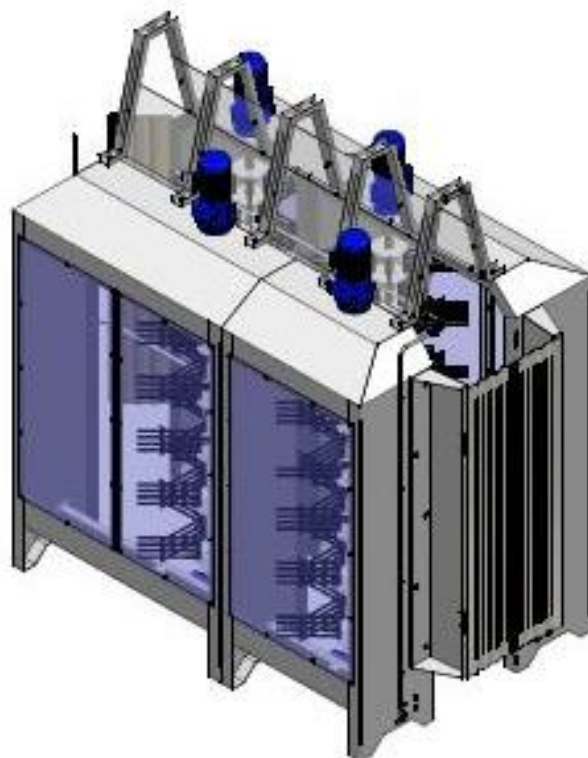
DYER WHIPPING MACHINE 4RV

Description:

Machine designed to remove any remaining hair and to dry the animal's skin after the dehairing process and prior to entering the singeing furnace.

This unit is structurally built from 6 mm thick stainless steel sheets forming two welded symmetrical bodies, which provide high rigidity.

- Equipped with rubber whips that offer the highest grip in the market.
- Motors with shafts progressively reach the entire surface of the carcass, ensuring top-quality finishing.
- Power transmission from the motor to the shaft is done via a flexible coupling, extending motor lifespan.
- The shaft weight rests on a tapered roller bearing support at the bottom.
- Each shaft is fitted with 12 sets of stainless steel discs, each holding 16 flails secured with four stainless steel carriage bolts. This design prevents metal wear on the shafts and ensures easy maintenance of the flails.
- The design facilitates efficient drainage of water and dirt through the lower drip tray along the slaughter line.
- The two bodies are joined by four hot-dip galvanized UPN portals, which simplify integration into the overhead conveyor or carcass chain.
- Includes a mid-height stainless steel bar to prevent carcasses from tangling in the shafts.
- Entry and exit doors can be added upon customer request to prevent water splashes.



Technical Specifications:

- Constructed with a stainless steel AISI 304 frame and removable 6 mm thick stainless steel side panels
- Number of vertical rubber whip shafts: 4
- Length of each shaft: 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
- Typical dimensions: 3,000 x 2,000 mm — Height: 3,740 mm
- Shower system with 8 water nozzles: 2 levels with 4 nozzles each

DEMONSTRATION VIDEO

Documentation

The following documentation will be provided with the machine:

- CE warranty certificate
- Operation and maintenance manual
- Recommended spare parts list
- Referenced machine component drawings for the maintenance department
- Electrical and/or hydraulic diagrams

