

CATTLE DRESSING CONVEYOR

Description:

Machinery designed for the air transport of animals automatically. These conveyors are manufactured using UPN profiles in S275 JR steel, receiving a subsequent surface treatment of hot galvanized.

The track to be used can be double rail (aluminum or stainless steel), tubular or flat rail. The traction is carried out by direct transmission with a planetary gear motor, so that we can achieve the corresponding speed. The transmission shafts are manufactured in F-125 guaranteeing sufficient resistance for use. All auxiliary transmission elements (crowns, bushings, etc.) are made of F-114. Like the frame of the conveyor, all the elements made of carbon steel will have a subsequent surface treatment of hot galvanized.



The chain tension is carried out by an elastic cylinder. The actuation of this cylinder is carried out by compressed air at a pressure of 4 bars. It equips safety stop for hooks to avoid breakage.

It is commanded from a control panel in central positions, being able to place the gear for the skinning or cornering positions.

The conveyor equips a frequency inverter in the case of lines that work continuously, to modify the performance. It also incorporates a PLC with a touch screen control to be able to modify advance times and thus modify the productivity of the line.

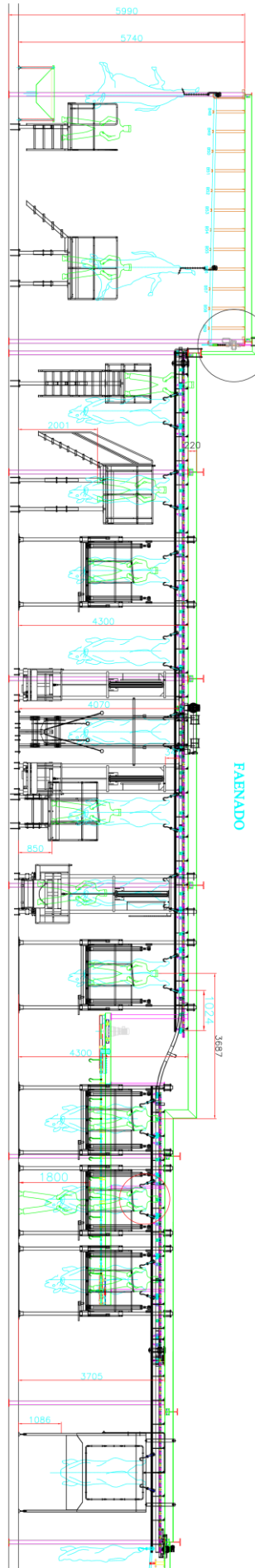
Technical Data:

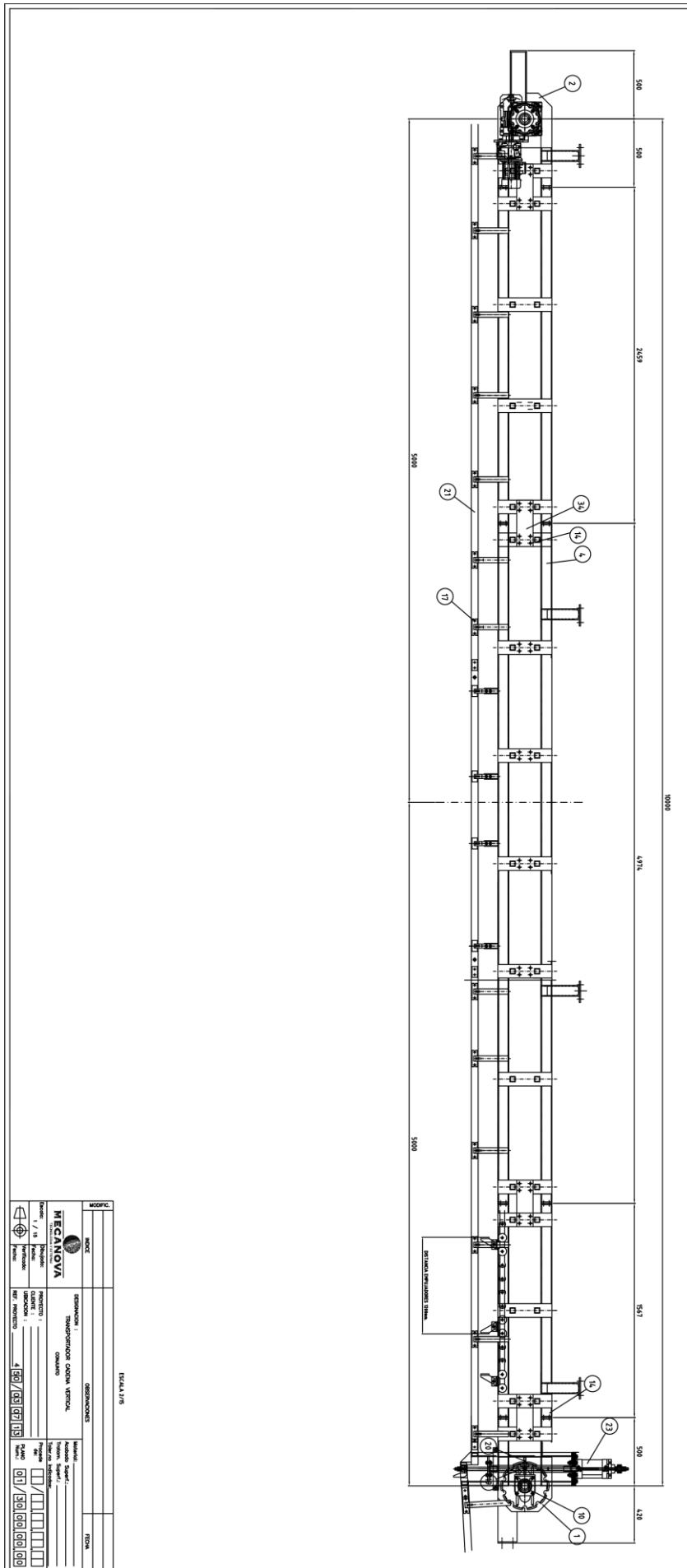
- Construction: Hot-dip galvanized steel
- String depending on design
- Polyamide 6 wheel with Φ 80 mm elastomer, which runs on UPN guides.
- Distance between pushers: 1200 -1400 mm
- Transmission: Direct-to-shaft planetary gearmotor, power depending on design
- Drive wheel + idler wheel + reduction hardened gearboxes
- Air pressure: 4 bars.
- Estimated rolling level: according to design.
- Conveyor length: according to design



- The chain can be:
 - Forged for high-load, high-production lines that works at the same level throughout the development or with drops with curved radio over 2500 mm
This chain is 102.4 pitch with pins and meshes in hardened F114 with a breaking load of up to 30,000 kg.
The bolts have a hardness higher than 40 Hrc
 - Polyplana for large production lines in various height changes in the line
 - One-way chain weighing 100 to 125 with hollow shaft for simple and straight lines with low production.
Mounts on vertical conveyors
- Pushers mounted on 2-wheel trolleys. The retainers necessary for spreading the animal are mounted on 4-wheel trolleys
- The pusher and retainer carriages are manufactured by Mecanova using laser-cut 8 mm plates with a solid core in F111. Its shaft is made of stainless steel, with polyamide 6 wheels with elastomer
- The tensioner assembly is equipped with a double safety system for stopping in the event of a hook and thus avoiding breakage







ESCALA 1/10

MOCIFICACIONES		DESCRIPCION	
INDICE	DESCRIPCION	INDICE	DESCRIPCION
<p>MECANOVA</p> <p>Proyecto: 1/18 Modificación: 1 Autor: MECANOVA</p> <p>PROYECTO: 1/18 MODIFICACION: 1 AUT: MECANOVA</p>			
<p>DESCRIPCION: TRANSPORTADOR CARNIC VERTICAL</p> <p>Modelo: 1/18</p> <p>Material: 1/18</p> <p>Fecha: 1/18</p>		<p>DESCRIPCION: TRANSPORTADOR CARNIC VERTICAL</p> <p>Modelo: 1/18</p> <p>Material: 1/18</p> <p>Fecha: 1/18</p>	



