

SPECIFICATIONS

**ARTICLE**

Designation : **Electric washing and drying tunnel**

Code bobet : **24261**

Selling Unit : **Unit**



Non-contractual pictures

CHARACTERISTICS**PROCESS :**

Closed circuit washing in hot soapy water. Rinse with mains water and disinfectant. Blowing through the bottom and side air nozzles

MAIN FEATURES :

- AISI 304 stainless steel construction
- Dimensions of the tunnels: Length: 3,770 mm. Width: 1065mm. Height: 1,620 mm
- Loading of upper bins with turner at the end to load the bins into the tunnel
- Manually tiltable turner to allow direct loading of bins
- Loading opening 540 x 400 mm (max. bins 600 x 400 x 300 mm)
- Loading/unloading height: 1,070 mm
- Upper body with side hinges for inspection and gas struts for easy lifting
- 4mm thick PVC curtains separating areas
- Magnetic micro-security for the upper body
- Tunnel on 4 adjustable M20 feet
- Sound pressure level less than 90 dB (A)
- Production: 150 units/hour depending on dirt and dimensions
- Tray dimensions: 600x400x200mm high

Recommended products:

- INDAL CTP 45 25 Kgs: code 6482
- ARVO NEP + 25 kgs: code 21702

DO NOT USE PRODUCTS WITH CHLORINE

GUIDELINES AND STANDARDS

The machine has been designed, designed and built based on compliance with the following directives and standards:

- Machinery Directive 2006/42/EC
- Low Voltage Directive 2014/35/EU
- Electromagnetic Compatibility Directive 2014/30/EU

DESCRIPTION :**WASHING :**

- 300 liter tank
- Water inlet controlled by ball valve and stainless steel buoy. ½" float
- Stainless steel drain tap. 1 ¼". Overflow with outlet to the outside

- Removable drawer-type filter in perforated sheet metal with 2 mm diameter holes
- Swinging lid for recording and cleaning the tank
- Maintaining the water temperature in the tank using 2 stainless steel electric heaters of 6,000 W each (hot water supply by the user)
- Stainless steel flat jet nozzles with equivalent outlet diameter 3 mm
- 4 Kw stainless steel motor pump, flow rate 30m³/h and pressure 3kg/cm²
- Temperature control by electromechanical thermostat
- Stainless steel protective housing for the motor pump and thermostat
- Glycerin pressure gauge
- Membrane soap dosing pump with controlled conductivity. Conductivity detection by inductive probe
- The pump doses to maintain the right percentage of soap in the washing tank

RINSE:

- Water inlet controlled by ball valve and ½" stainless steel solenoid valve
- Stainless steel flat jet nozzles. Equivalent outlet diameter 1.6 mm

BLOWING :

- Blowing module (removal of water drops), consisting of four air nozzles, two for side blowing, one for upper blowing and another nozzle for lower blowing of the bins. Air driven by a stainless steel fan of 4 kW and 2,700 m³/h. at 260 mmca

DRAG CHAIN:

- Internal transport by means of a 3/4" stainless steel pull chain
- Stainless steel sprockets
- Sliding chain on friction guides
- Variable speed from 1 to 3 meters/min. Electronic speed variator
- Driven by a 0.37 kW gear motor
- Bearings in a sealed thermoplastic box
- Stainless steel housing for motor protection
- 2 upper tubular glides for holding bins and pots

DISTRIBUTION PANEL:

- IP-65 fiber electrical control panel
- Emergency stop button outside the cabinet
- Motor pump protection
- Operation light indicators
- Main switch, push buttons
- Moeller equipment: protection motors, contactors, terminals
- Operation at 24 VAC
- M25 cable gland for power cable entry (Customer supplied power cable)

CONSUMPTION :**Water :**

- *Tank filling: 300 l
- *Rinsing (adjustable): 8-10 l/min

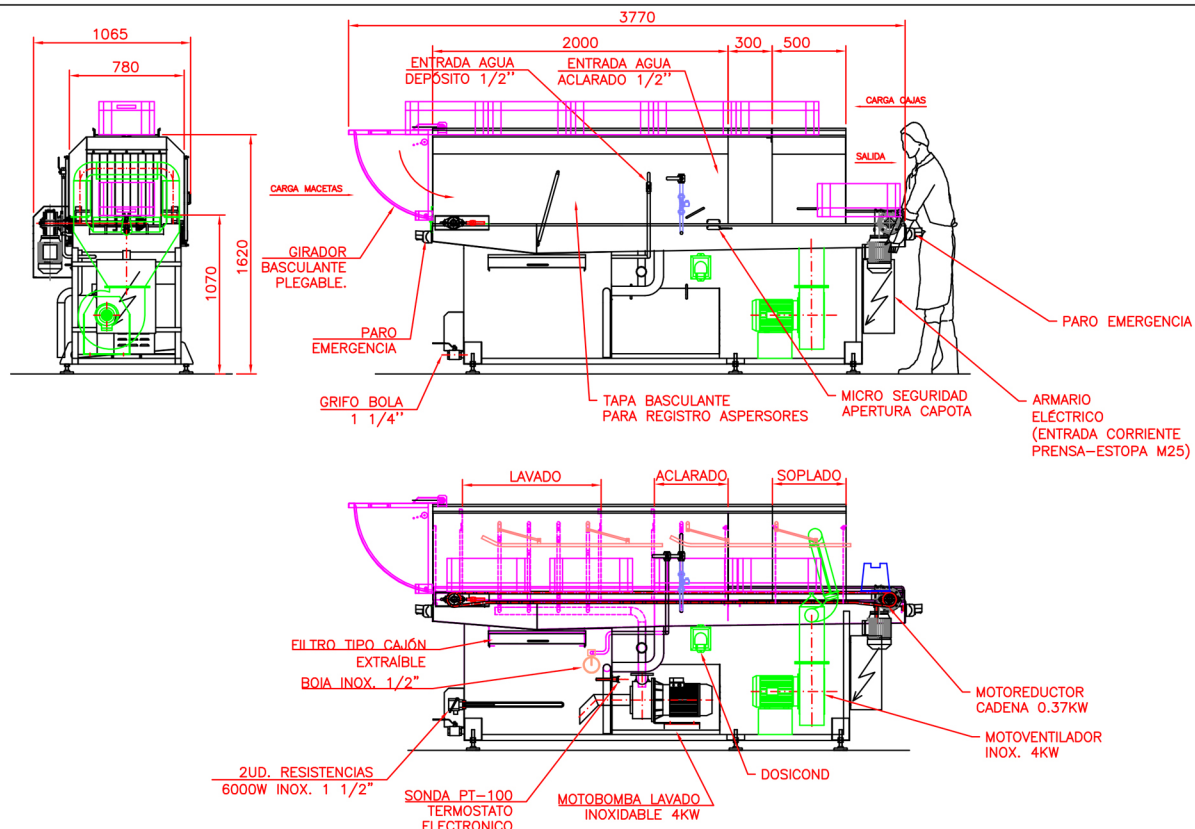
Electricity :

- *Motor pump: 4 kW
- *Resistors: 12 kW
- *Motor fan: 4 kW

CONNECTIONS:

- Water: 2 of ½". (Minimum pressure)
- Electric: 400 V III + N + T (50 Hz)





DIBUJO APROXIMADO PENDIENTE REVISION DEFINITIVA

	Data	Signat	XUCLÀ	
Dibuixat	8/3/23	P.F.		
Revisat				
E:	Mat: AISI-304			
TÚNEL LAVADO-SOPLADO CAJAS 150 UDS/H. ELÉCTRICO REF.BOBET			MODEL	A04254
			VERSIÓ	1
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