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Code	Description
013272V	STEAM CARTS WASHING TUNNEL 50/60 U.

Tecnic description

PROCESS:

Load zone

Waiting zone

Washing with hot and soapy water

Rising with water non-reusable direct mains water.

Unload zone

GENERAL FEATURES

Construction in stainless steal AISI 304

Ceramic ball blasted finish.

Total sizes:

Length 9.500 mm.

Width 2.120 mm.

Height 2.354 mm + 900mm.

Machine delivery in two parts, upper and lower, which are screwed on 5 double doors made of PVC and stainless steal brackets with soft closing

Standing on 12 adjustable feet type M20.

Level of acoustic pressure according to the CE.

Production from 50 to 60 units/hour depending on their dirtiness.

Carts sizes: 1.260 x 800 x 1.900mm

WASHING

780 litters water-tank.

Water feeding by ball-valve and 3/4 " stainless steel floating buoy 3/4 "

Emergency stoppage for pump protection.

1 1/4" stainless steel purge tap type ball and emptying peep-hole of 210x170 mm.

Overflow with exit to outside.

Motorised self-cleaning rotating filter with scraper. Scraper of solids to the outside and cleaning of the filter through sprinklers of flat jet.

Construction in drilled metal sheet, hole of 2mm.

Filter worked through motor reducer of 0.18 Kw.

Inspection and tank's cleaning cover .

112 sprinklers, distributed in 14 easily detachable bars manually

Flat jet sprinklers, 3mm diameter

Stainless steel motor pump 22 Kw, volume 105 m3/h and pressure 5 Kg/s.q.cm.

Water-tank heating by direct steam injection. Steam feeding by 3/4" electro-valve, and 3/4" ball-valve.

Glycerine manometer.

RINSING

Rinsing with non-reusable direct mains water

Water feeding controlled by ball-valve of 3/4 ".

28 flat jet stainless steal sprinklers distributed in two rings



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INTERIOR TRANSPORT

Double dragging chain type charnela inox 152mm width, 38mm pass
Traction by nylon pinions.
The chain slides on friction guide.
Bearings in thermoplastic box
Variable speed from 1 to 3m/min.
Driving by moto reducer of aluminium of 0.37 kW.

ANOTHER

Two steam exits placed on the waiting area and on the rinsing area, ready to install steam extractors
Double lateral guide in polyethylene of friction

ELECTRICAL SWITCHBOARD

Electrical switchboard in fibre, IP-65, built-in inside stainless box with methacrylate window.
Speedy chain electronic variator
Emergency stoppage switch outside the cupboard
Protected motor pump. Running luminous indicators. General switch, push-buttons.
Electronical-digital temperature control with bore PT-100.
MOELLER material: motor-protections, contractors, terminals and switches (Sprecher).
Handling to 24 VAC.

CONSUMES

Water:
Filling the tank 780 l.
Rinsing (adjustable) 10-20 l / min.
Electricity:
Motor pump 22 Kw.
Chain moto reducer 0.73 Kw.
Moto reducer filter 0.18 Kw.
Steam:
Water heating: 70 kg/h.

CONNECTIONS

Water: $\frac{3}{4}$ ", $\frac{1}{2}$ ".
Electricity: 400 III + N + T (50 Hz)
Steam: $\frac{3}{4}$ ".