

Code	Description
NM34AEV	200 L.TROLLEY STEAM WASHING-MACHINE CUBE

Tecnic description

PROCESS:

Washing in closed circuit with hot water and soap.
Rinse with water recovery with a half part to the tank and the remainder to sunk.

FEATURES

Machine for individual washing of trolleys of 200 liters, with washing automatic process.

Stainless steel construction AISI 304.

Closed Cupboard sizes:

Length 2.140 mm

Width 1.670 mm

Height 2.000 mm

Total sizes with protections and opened lid:

Length 3.230 mm

Width 1.670 mm

Height 2.355 mm.

Outwardly adjustable, washing and rinsing times.

Standing on adjustable feet type M20.

Level of acoustic pressure lower than 80 dB (A).

Production from 20 to 30 units/hour depending on their dirtiness.

WATER-TANK

330 liters water-tank.

Water intake controlled by valve type ball and stainless steel floating buoy ¾".

Emergency stoppage for pump protection.

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

Indoor-outdoor type filter inside spiral for the extraction of solid abroad.

Construction in drilled metal sheet, hole of 2mm.

Filter worked through motor reducer of 0.18 Kw.

Overflow with exit to outside.

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

Inspection and cleaning lid for the tank.

Water-tank heating by direct steam injection. Steam feeding by ¾"electr o-valve, and ¾" ball-valve.

WASHING

Stainless steel motorpump 15 Kw, volume 45 m3/h and pressure 6.4 Kg/ s.q.cm.

Protected stainless box to tank height, registrable for motorpump lodging.

Glycerin manometer.

Proportional soap dispenser.

Sprinklers jet plane 3 mm. equivalent diameter, placed on two rotating arms, upper and lower. Drive through the same rotating sprinklers.



RINSING

Rinse with water recovery with a half part to the tank and the remainder to sink.

Water feeding by electro-valve.

Sprinklers jet plane 1 mm. equivalent diameter, located in two rotating arms, upper and lower parallel to the wash.

Drive the rotation by the same sprinklers.

UNLOADING MECHANISM

Automatic trolley's loading by means of a turning down platform with mechanical driving..

Two running-detectors and two security-detectors.

Lid bascule to allow the loading of the bin wash, operated pneumatically

PROTECTIONS

Security guards on both sides of the cargo area.

Construction sheet with 2 adjustable feet drilled with fixing the floor.

Photo cell cycle arrest at the entrance of the protection zone.

ELECTRICAL SWITCHBOARD

Electrical switchboard in fibre, IP-65, built-in inside stainless box with metacrilate window.

Emergency stoppage switch outside the cupboard and protection fence.

Protected motorpump. Running luminous indicators. General switch, push-buttons.

Adjustable push-buttons for washing and rinsing. Times internal push-buttons in the PLC, for the draining times of the washing cabinet between the different process in the cycle.

Electronical-digital temperature control with bore PT-100.

MOELLER material: motor-protections, contractors, terminals and switches. Handling to 24 VAC.

Security mechanism by reflection bar.

Programable automaton for cycle regulation.

Shining running-column on the machine.

Graphic display for visualization of the process, detection of anomalies and manual programming.

CONSUMPTIONS:

Water:

-Fill water-tank 300 liters.

-Rinsing (adjustable) per trolley 5/12 liters.

Electrical

-Motorpump 15 Kw.

-Door gearbox 0.55 Kw

-Filter gearbox 0.18 Kw.

Steam:

-Tank heating 35kg/h.

CONNECTIONS

Water : 3/4".



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INNOVA
WASHING & HANDLING

Electric: 400 V III +N +T (50 Hz).
Steam: 3/4" maximum pressure 1'5 kg/cm²