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ISO 9001

BUREAU VERITAS
Certification



Code

Description

M7C

TUNNEL FOR HAMS AUTOMAT.BRUSHING

Tecnic description

PROCESS

Prewashing (soaked) in closed warm water circuit.
Brushing at upper and lower part
Rinsing in closed warm water circuit

GENERAL FEATURES

Stainless steel construction AISI 304
Ceramic ball blasted finish

Total sizes

Length 2.456 mm.

Width 950 mm.

Height 1.654 mm.

Loading door:

Width 400 mm.

Height 300 mm.

Tunnel placed on four nylon wheels which diameter is 150mm. Two fixed wheels and two gyratory wheels with brake

Lateral access doors for the machine maintenance and inspection washing zone window.

Level of acoustic pressure according to the CE regulation.

Production: 300-600 hams/ hour

The ham is inside the tunnel for 17 -30 seconds depending on the production.

PREWASHING AND RINSING

Tank of 150 liters.

Water feeding by ball-valve and $\frac{3}{4}$ "

Removable box type-filter, easy extraction, of pierced sheet, pass 1 mm.

Overflow with exterior exit.

Emptying peep-hole of 220 x 170 mm.

Inspection and tank's cleaning cover

Water tank heating by means of hot exchanger, electric resistances bathed in oil. 2 resistances of 4000W each one.

Oil bath of 50 liters

To reduce the heating time is advisable to fill the tank with warm water.

Temperature tank controlled by thermostat.

Temperature oil bath controlled by thermostat.

Movement pump of 1.5 kW, 36 m³/h, pressure 2.5 kg/cm².

Flat jet sprinklers.

Washing temperature approximately 45°C

BRUSHING MECHANISM

Two nylon brushes to brushing process

Superior brush of 650 mm diameter and 450mm length

Driven by motor of 1.1 kW, 750 r.p.m.

Lower brush diameter 400mm and 450 mm length..

Driven by motor of 0.73 kW, 900 r.p.m.



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INTERIOR TRANSPORT

Hams interior transport by metallic trade
Trade in two parts
Transmission by pinions and chain.
Metallic trade of platens of 438mm width with dragging ceilings
Nylon pinions
Driving by moto variator reducer of 0.36 kW.
Variable speed from 2 to 10 m/min.
Bearings in thermoplastic box

ELECTRIC SWITCHBOARD

Electric switchboard IP-65, inside a stainless steel cupboard with methacrylate window.
Emergency stoppage and manoeuvre button outside the machine
Motor protection. Running luminous indicators. General switch, push-buttons.
Moeller material: motor-protections, contactors, terminals, and switchers.
Handling to 24 VAC.

CONSUMPTION

Water:
Fill the tank 150 liters

Electricity:
Moto pump 1.5 kW
Moto variator filter 0.36 kW
Brusher motors 0.73 + 1.1 kW
Resistances 8 kW

CONNECTIONS

Electrical 380 III + N + T (50 Hz)
Water ½ "