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Code	Description
M3945G	GASOIL HANGEDTRAYS WASHING TUNNEL

#### Tecnic description

##### PROCESS

Washing in closed circuit with hot water and soap.  
Rinsing with non-reusable direct mains water.

##### GENERAL FEATURES

Total sizes:

Length: 4.600 mm.

Width: 1.225 mm.

Height: 2.240 mm.

Loading mouth 500 x 1.000 mm.

Lateral guides for the trays.

Upper part with 6 lateral inspection covers for the register.

Separation PVC curtains between zones.

Standing on 6 adjustable feet M20.

Level of acoustic pressure lower than 80 dB (A)

Production: 500 units/hour depending on their sizes and dirtiness.

##### CONNECTIONS

Water:  $\frac{3}{4}$ " and  $\frac{1}{2}$ "

Electric: 380 III + N + T (50Hz).

##### WASHING

350 Liters water tank

Water feeding by ball-valve and  $\frac{3}{4}$ " stainless steel floating buoy.

Water tank heating by exchange of warm air-water by gas oil combustion camera. Burner Roca. Chimney for the smokes exit (non included).

Security stoppage of the machine when the water lacks in order to protect the pump.

1  $\frac{1}{4}$ " stainless steel draining tap and trapdoor for emptying of 210 x 170 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.

Flat jet sprinklers, 3 mm diameter.

18,5 Kw stainless motor pump, flow 104 m3/h and pressure 4,1 kg/cm2.

Protecting stainless steel box at the tank level, to access to the motor pump.

Glycerin manometer.

##### RINSING

Water feeding by  $\frac{1}{2}$ " ball-valve.

Flat jet sprinklers, 0,8 mm diameter.

##### ELECTRIC SWITCHBOARD

Electric switchboard in fibre IP-65, inside an stainless steal cupboard with



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methacrylate window.

Emergency stoppage button outside the cupboard and at the entrance of the tunnel.

Protecting motor pump. Running luminous indicators. General switch, push-buttons.

Electronical-digital temperature regulator and temperature sensor PT-100.

Siemens material: motor-protections, contactors, terminals and switches.

Handling to 24 VAC.

#### CONSUMPTION

Water:

Fill the washing tank: 350 l.

Rinsing (adjustable) : 8 to 10 l/min.

Electricity:

Motor-pump: 18,5 Kw.

Moto reducer filter 0.18 Kw.