

Jacquet Weston Engineering Manual Electro-less Nickel Plant



This manually operated electroless tank is ideal for the surface finishing company who wants to add electroless nickel to its range of processes.

The unit is constructed of an inner and outer tank manufactured in polypropylene with a 2in rigid polyurethane infill for insulation, complete with insulated lid.

The temperature of the Electrolyte must not exceed 90°C.

Specification

External dimensions: 851mm (33 1/2in) x 851mm (33 1/2in) x 1028mm (40 1/2in) high (lid in closed position) (manufactured in white polypropylene).

Internal dimensions: 686 (27in) x 635mm (25in) x 736mm (29in) deep (maximum working depth 660mm (26in) (manufactured in natural polypropylene).

Features

The unit is fitted with a diaphragm filter pump unit complete with a quick release filter cartridge. There are 3 off 3kW PTFE heaters mounted on securing brackets, thermostatically controlled with a digital readout. Twin row air agitation coil, 3-way valve fitted into the pumping system to enable transfer of solution to

storage tank. The tank has bottom emptying valve. Five removable work bars are fitted into the top of the unit enabling the insulated lid to maintain the required temperature.

The plant comes complete with an extraction lip duct, flexible trunking and an extractor fan unit, 2800 rpm 1.1kW (1.5HP) 1150cfm.

All the ancillary equipment is readily removable from the inside of the tank. Just connect to the main services and before you know it you will be in production. As an extra we can supply a portable compressor and all spares are readily available.

The above plant is a standard unit but we can also supply to any dimensions to meet customer's requirements, based on the above specification.

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