

PMD (UK) Manual Multistage Pretreatment Cleaning Line



Stock No	EXC100
Manufacturer	PMD (UK)
Model	REF: PC1092
Year of Manufacture	2001
Serial	499800 / 050301
Condition	From a working environment, Excellent Condition
Work Envelope (WxDxH mm)	600mm x 500mm x 1000mm
Process Stages	8 Stations
Location	Newry, Northern Ireland, UK
External Dimensions (WxDxH mm)	5514mm long x 1500mm wide

Description

Originating from a specialist research and development facility, this 8 stage multistage pre-treatment cleaning line has been configured to deliver controlled, repeatable processing within a compact and professionally engineered layout.

The system is based on a modular design, manufactured from stainless steel and polypropylene for durability and chemical resistance. Polished white PVC drip shielding surrounds the tank area, helping to contain splashes and maintain a tidy, well-managed workspace. Flame retardant materials are incorporated throughout the extraction system and across the majority of the tanks, supporting enhanced operational safety.



At the operator side, polished black PVC sliding doors run on integrated tracks, providing clear and convenient access to valves and rectifier control panels positioned at each stage. Workpieces are transferred manually between tanks, but an overhead runway system with a 125kg SWL electric hoist ensures powered lifting and smooth horizontal traverse — eliminating the need for manual handling.

Process tanks are equipped with extraction lip hoods and sliding lids to control fumes and promote a safer, cleaner environment. Immersion heaters benefit from dual temperature control, while integrated sprinkler connection points within the fume extraction ducting allow for fire suppression compatibility.

Power distribution is managed by a freestanding DC supply unit, feeding the line via an aluminium busbar system for dependable and consistent performance.

A well designed, safety-conscious multi-stage cleaning solution, ideally suited for development work and precision surface preparation applications.

Professionally Decommissioned by Jacquet Weston Engineering

This pre-treatment line remains fully packed & securely strapped following professional decommissioning by leading immersion manufacturer Jacquet Weston Engineering. Carefully preserved & protected, it is ready for immediate delivery to your facility for a quick & easy transition from purchase to production.

Summary Tank Schedule

All tanks 600mm x 500mm x 1000mm (WxDxH).

- Station 1 : Cleaner - Heated, Lid, Exhaust, 200A/12V Rectifier
- Station 2 : Cleaner - Heated, Lid, Exhaust, Common Rectifier
- Station 3 : Cleaner - Heated, Lid, Exhaust, Common Rectifier
- Station 4 : Zincate - Heated, Lid, Exhaust
- Station 5 : Counterflow Rinse
- Station 6 : Counterflow Rinse - Water Source
- Station 7 : Blacking Solution - Lid, Exhaust
- Station 8 : Dewatering Oil - Lid, Exhaust

(see full schedule attached below)

Plating Line Includes:

- 1 Cleaning Line
- 1 Overhead runway
- 1 Electric chain hoist
- 1 Catenary system
- 1 Rectifier 12V x 200 amps
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Machine Datasheet



- 6 Fume extraction vertical riser ducts
- Horizontal extraction duct sections (per pair of lines)
- GRP Flooring Support Frames (per pair of lines)
- GRP Flooring Grid Sets (per pair of lines)

Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.