

Technowash Techspray FM1250 Spray Wash



Stock No	DF1635J
Manufacturer	Technowash
Model	Techspray FM1250
Year of Manufacture	05/2020
Serial	51717
Condition	From a working environment, Excellent Condition
Work Envelope (WxDxH mm)	Ø1250mm x (500 TBC)
Process Stages	Three Stage, Wash, Rinse, Extract
Location	Arriving in our warehouse soon
Weight (kgs)	1500
External Dimensions (WxDxH mm)	3554 x 3401 x 2718mm

Description

Techno wash model TechSpray FM 1250. This is a three stage, front loading component spray wash.

The Front loading range of fully automatic, robust, reliable and durable, Front loading parts washing machines have been designed to meet modern industries demands for efficient component cleaning whilst remaining ergonomic and safe and eliminating environmental and operating hazards associated with solvent cleaning systems.

Suitable for use with safe, water-based biodegradable detergents, these machines are ideal for removing oils, grease, soils and solid particles from a large variety of parts and sub-assemblies.

- If fitted with fine inline filtration and suitable oil separation, they are able to achieve high standards of cleanliness.
- Maximum cleaning efficiency is achieved with a constant speed, power driven, and component table, enabling all the power produced by the wash pump to be used for the washing process, whilst ensuring that delicate and lightweight parts can be washed and degreased without damage or disturbance.
- The machine is operated by a HMI screen incorporating Technowash smart control technology. The machines parameters are changeable within this interface. Function

The machine comprises of the following process stages:

1. Spray wash stage with detergent (heated and re-circulated)
2. Spray rinse stage (heated and re-circulated)
3. Extraction stage (allowing the components to drip dry and the steam from the process is extracted).

Features:-

- The machine is fully manufactured for 304L grade stainless steel.
- Equipment attached: Full double skin stainless steel construction with thermal acoustic insulation throughout.
- Stainless Steel mesh component basket measuring Ø1250 with minimal product height clearance. To accommodate up to 1000kg component weight.
- External load/ drip tray to roll the component basket onto, for loading and unloading purposes.
- Power driven front mounted vertical access door.
- Machine mounted control panel, complete with Siemens LOGO micro-processor and all relevant control and indicator/ warning lights including adjustable fluid temperature control and process cycle timer.
- Electric powered fluid heating fitted to the wash and rinse tanks with digital type, fluid temperature control.
- Multiple water powered stainless steel rotary spray bar assemblies with spray jets positioned above and below the component basket to spray the heated wash fluid solution onto the component parts.
- Side mounted fluid saddle tanks with hinged and lockable tank lids
- High and low fluid level protection probes.
- Chemical and corrosion resistant pressed stainless steel high flow wash and rinse pumps.
- Integral coarse and medium level of fluid particle filtration.
- Water vapor extraction fan/ motor assembly.
- Automatic mains water refill solenoids fitted to the wash and rinse tanks.
- Fine inline fluid particle filtration.

Technical data

Electrical	FM1250
Nominal input voltage	3 Phase 415 V @ 50 Hz
Supply current	100 Amps

Machine Datasheet



Power consumption	59 kW
Wash Heating output	3 off 12 kW
Pump Consumption	15 kW
Losma 2000 steam condenser	1 off 2.2kW
Control Voltage	24v DC

Mechanical/ General	FM1250
Machine overall dimensions	3554 (w) x 3401 (l) x 2718 (h) (When Door Open)
Machine weight Empty	1500Kg
Max. capacity of the washing basket with even load (kg)	100 kg
Wash Max. fill volume (L)	600L tank
Noise level LPA	< 70 dB (A)
Circulation rate (L/min)	500l/min
Max. operating temperature	75°C
Compressed Air requirements (Bar, M³/h)	15m³/h @ 6 bar

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

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Machine Datasheet



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