



INDUSTRIAL WASHING MACHINES

...taking hygiene to the 21st Century



About IWM

One of the UK's largest and most successful suppliers of washing and sanitising equipment for industrial and commercial applications, IWM is committed to developing products that combine efficiency, high productivity and reliability with value for money and the lowest possible environmental impact.

The company has more than 30 years experience of supplying companies all over the world with standard and bespoke washing solutions. Its products are in daily use in almost every area of industry, including the food and beverage, pharmaceutical, logistics and automotive sectors.

IWM designs and manufactures all of its products in-house at its centrally located UK headquarters. This gives the company the outstanding flexibility needed to respond rapidly and effectively to customer requirements, no matter how unusual or specialised they may be.

In-house design and manufacturing have also allowed IWM to establish itself as a leading innovator, with achievements that include the introduction of energy-saving cold-wash machines, and the first utensil washers to qualify for the UK government's Enhanced Capital Allowances scheme.

"I'm very happy to report that the equipment from IWM has proved exceptionally reliable. The machines are clearly designed from the ground up to deliver long dependable service lives, they're robust and they're a very well built. We have no qualms in having them play such a critical role in our operations."

Marc Deakin, A F Blakemore and Son



Service

Customer service is the central focus of IWM's business. The company's engineers are readily accessible and are always ready to provide expert advice and support for new and existing applications, by phone, email or in person at the customer's premises.

Comprehensive after-sales and technical support is provided automatically for all users of IWM products and services. IWM's expert engineers are qualified to service washing machines from other manufacturers ranges, and can also provide calibration of all machines. In addition, the company's website provides instant 24/7 access to documentation as well as a convenient ordering facility for spares and consumables.





IWM for Logistics

To help reduce environmental impact, the logistics industry is increasingly moving away from one-trip shipping cartons and containers, preferring instead to invest in reusable options. IWM has responded to this trend by developing efficient and cost-effective washing solutions for reusable transit packaging of all kinds. Among its many standard machines are:

Crate washers and dryer systems

- high-throughput multi-lane models
- specialist label removal and filtration option for automatic bulk debris removal
- optional automatic handling, including de-nesting and stacking

Pallet washers

- horizontal or vertical loading
- manual or automatic feed
- optional air-knife drying

Pallet box washers for all types of bulk containers

- floor-level manual load, fork truck load or in-line automatic feed
- optional drying feature
- robust and easy to use

Layer pad washers

- designs to suit layer pads and dividers of all types
- high efficiency drying systems
- automatic in-feed or handling systems available

IWM has a full range of standard machines for the logistics sector. The company also designs and manufactures bespoke systems to suit customers' specific requirements.



IWM for Food and Beverage

For users in the food and beverage sector, IWM offers a broad range of standard products as well as bespoke solutions. All of these feature designs based on the company's extensive experience in this sector, and all combine outstanding wash performance that delivers 100% hygiene with reliability and economy.

IWM's standard products for food and beverage applications include:

Compact, easy to install utensil washers

- wide range of sizes available
- fully automatic programmable wash and rinse cycles
- additional extras, including HACCP

Tray washers with throughput from 50 to 3,000 units per hour

- single-person operation available on smaller models
- air-knife blower or full drying options
- steam, electric, gas or high-pressure hot water heating

Crate washers designed for easy maintenance and cleaning

- specialist label removal and filtration options
- optional tray counting and data tracking systems
- manual or automatic handling



"IWM's expertise and attention to detail ensured that every aspect of this design, manufacture and install project went smoothly. We're delighted with the results and there is no doubt that the savings the machine makes possible will mean that we will very quickly recoup the money we've invested in it and its installation."

Nigel Swepson, Friars Pride



Rack washers to suit all industry rack sizes

- travel jet high efficiency wash system
- unique sealed pit option for maximum hygiene
- through-door operation for low-risk to high-care separation



Pallet washers with horizontal or vertical loading

- a wide range of throughputs available
- air-knife drying option
- manual or automatic feed complete with stacking and de-stacking options



Buggy and bin washers

- fully automatic inversion, loading, washing and rinse cycles
- designs available to suit all types of bin
- cabinet and high-throughput continuous models



Sanitisers with low-risk to high-care separation

- wide range of models
- special purpose heat based sanitisers
- conveyor systems designed to suit specific applications



Weigh pan washers

- for all multi-head weighers
- total wash and dry systems for up to 48 weigh pans per load
- suitable for all industries, including snack food, confectionary and vegetable packing



The range of custom solutions IWM can offer users in the food and beverage sectors is almost unlimited. The company offers multifunction products that combine, for example, rack, tray and pallet washing in a single space-saving and economical machine.

IWM for Pharmaceutical and Medical

Nowhere are hygiene requirements more stringent than in the pharmaceutical and medical sectors, and no other sectors have more demanding requirements for process monitoring, recording and traceability. IWM has proven experience in addressing these requirements with standard and custom solutions developed in close co-operation with individual users. IWM products for pharmaceutical and medical applications include:

Cabinet washers

- sophisticated user- programmable electronic control
- digital display to confirm correct functioning
- optional HDMS monitoring system to store wash data

Pallet washers for aluminium, plastic and metal pallets

- design and construction optimised for use in critical applications
- automatic and manual handling options
- standard and high throughput machines

Container washers

- for drums, bins and intermediate bulk containers (IBCs)
- continuous or cabinet style
- specialised filtration options

Tray washers

- unlimited selection of wash process stages
- high temperature, de-ionised and sanitising rinse features
- optional blow off and drying sections

Conveyorised tunnel washers

- fully programmable process design
- high throughput capacity from 50 – 3,000 items per hour
- designed to wash all types of vessels and containers





IWM for Industry

In industrial processes, cleaning has traditionally been carried out using aggressive and sometime toxic chemicals that pose significant environmental hazards. In many cases, however, properly designed aqueous washing systems can achieve the same or better results at lower cost, and with much lower environmental impact.

IWM is a leading innovator in this field and, with it's extensive expertise in washing and detergent technologies, it can supply standard and custom machines to work with virtually any type of container or component, providing washing and, if required, drying functions that are tailored to meet the user's exact needs.



"IWM has provided us with a number of innovative washing machines for our various production cells - they were all affordable, flexible and efficient."

Nicholas Houghton, Lander Group of Companies

IWM for Special Applications

When it comes to out of the ordinary applications for washing machines, IWM's in-house design and manufacturing facilities, allied with its vast experience, mean that it is in a position second to none for developing novel, efficient and cost-effective solutions. No challenge is too small or too great for the company's engineers, whose recent achievements include developing special-purpose washers for:

- wellington boots
- paving slab moulds
- seed trays
- conveyor belts



Even from this small selection of projects for which the company has supplied custom equipment, it's clear that, for unique applications, IWM is the specialist.





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