

# AUTO-WASH POWDER COATING PRE-TREATMENT MACHINE WITH PHOS PREP® PROCESS SOLUTIONS



## Powder coating pre treatment

The Auto-wash is our fully automated, pre-treatment machine for use in the powder coating industry. Successful powder coating involves more than spraying powder and curing in an oven. The pre-treatment process can determine the difference between an average job and a first class one. Quality standards are inexorably rising in all aspects of industry and no more so than in powder paint finishing. More and more customers are demanding a phosphate conversion coating. The days of wiping products down by hand are becoming limited and it is no coincidence that the most successful powder coaters have decent pre-treatment systems.

Our standard Auto-Wash is a two tank system and is suitable for most steel and aluminium processes. It is very simple to operate, economical to run and completes its cycle quickly. After loading the parts, which can be done using a trolley system, the machine heats the chamber to 40°C to soften any oil or dirt residue, and then washes the parts with a detergent and phosphate solution. This is followed by a cold water rinse and finally drying at 100°C.

A four stage system, used specifically for certain types of aluminium pre-treatment, can also be produced.

The chamber, tanks and various other parts are made from stainless steel.

The whole process is automatically controlled via an on board Siemens PLC computer.



## Loading the Auto-Wash

- Fully automated sequence
- Choice of front or side loading
- Very low running costs
- Typical cycle time of 20 minutes
- Dry-off facility
- Multi-metal solutions now available to treat both steel and aluminium
- Proven design - our machines are currently in use worldwide
- Our UK manufacturing plant produces high quality machines, designed and built to last.
- CE mark
- Fully guaranteed
- Service contracts available
- Training and help with chemical selection - our recommended supplier of chemicals for use with our Auto Wash - [www.pretreatmentsolutionsltd.com](http://www.pretreatmentsolutionsltd.com)
- Water recycle unit can be installed to allow for deionisation of water essential for use in hard water area's to maintain powder adhesion quality

PHOS-PREP® phosphate - Our standard Auto-Wash machines all have a chamber size of 1.25 m wide and 1.5 m high. The prices below are for our standard 2 stage unit sizes in different lengths: For the 4 stage unit POA (3m - £15,000 / 4m - £16,750 / 5m - £17,750 / 6m - £19,750 / 7m - £21,500 Prices exclude VAT.)

We can also custom make larger sizes to suit individual requirements, please contact us for more details, quoting PTSAW2015