

Industrial coating machines, tailored for you

SMS Machine Automation - Established 1999 - UK - ISO9001/2008 - Machine Automation Specialists



Reliable

SMS's proven design methods combined with components from the best names in automation. Built to exacting standards in our UK ISO accredited facility, our machines offer an automatic and economical conformal coating solution.

Made to order

By understanding your business and coating needs we will produce a machine that perfectly matches your requirements.

Find out more

automation.co.uk

Find out more or make an enquiry about our dip coating machines here.

Conformal Dip Coating

Tailored machines for your high-tech processes



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www.automation.co.uk





Conformal Dip Coating : Built to your spec

Take your production to the next level with SMS conformal coating machines.

After many years experience in bespoke automated coating and liquid application, we bring design expertise and experience to a brand new series of coating machines. Built to an exacting standard and customised to your printed circuit assembly coating needs.



Our machines are designed to work with the latest conformal coating chemistry, including UV cure coating where UV shielding and moisture control are important for coating longevity.

Built for factory automation they provide a tough, reliable solution for every full or partial dip coating requirement.

Any non-standard application can also be evaluated and a proposal prepared.

Optional features

- Automatic fluid viscosity control
- Production line integration
- UV curing process
- Variable rate timing
- Fume extraction
- Temperature control

 Available Worldwide

Reliable, proven design

Experience in machine building for many market sectors including chemical and nuclear means we know what works. Our knowledge is embedded into the machines which are powered with components from world leading technology brands.

Your problems solved

Our dip coating machines are built to your exact requirements. Our designers will customise machine size, dip speed, partial depth coating and provide solutions for any problematic part of your coating process.

Viscosity control

As with all methods the liquid coating becomes thicker, using methods based on the coating our machines can include automatic viscosity control. An Argon blanket technique is used to ensure that evaporation is kept to an absolute minimum.

Safety first machines

Built to the highest safety standards, all SMS series machines are designed for end user safety.

You choose the size

There are many customisable elements to adapt to your process. Our design team will work with you to create the custom specification that fits your process perfectly. Machines can be made for either vertical or horizontal coating methods.

Fast build time

Once a specification is agreed, design is completed and approved, machines are built in our UK ISO9001/2015 approved workshop. Worldwide delivery can then be achieved within the specified delivery period.

Interested?

Let us know. Contact us through our website at:

automation.co.uk

Made with care in Britain

Choose our machines for reliability & quality



SMS Machine Automation are a motion control, robotics and engineering business based in the heart of the UK. Making machines has been our passion for over 20 years and our innovative solutions are used across the globe in a wide number of different applications, including specialist manufacture, pharma, food and nuclear installations. We pride ourselves on the quality, functionality and durability of our machines built in our ISO9001/2008 registered workshop in the UK.