

## Plasma Treatment Machine Cabinet

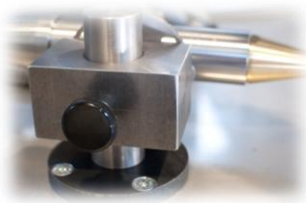
*Our Plasma Treatment Cabinet has been designed to incorporate the already successful Plasma Treatment nozzles with a reliable and accurate application method. The Plasma treatment provides a reliable and effective means of pre-treating an area of a product to give an exceptional level of adhesion as part of the production process.*

This machine cabinet has been specially built and designed for a specific plastic product but the same principle can be applied to a number of different materials and almost any shaped or sized product. Our machine features a HMI screen as the user interface which allows the operators and technical teams to set the machine parameters in almost any way they choose. The machine itself is constructed from high quality durable aluminium profile with a stainless steel machine bed. The machine is controlled via a PLC which is situated in a control panel mounted in the base of the machine frame. Our highly experienced software engineers are able to tailor the machine software to any of our customer's requirements and specifications. The machine features a category 4 safety circuit complete with light guards and safety relay.



This machine features two unique production cells that provide treatment to specific areas of the product. Both cells contain Plasma nozzles

mounted on specially designed fixtures which allow for complete adjustment on all three axes. One of the cells employs a static process where the other provides movement to both the Plasma nozzle and product to give the best treatment coverage to the products inner wall.



All design and manufacture of the machine along with software development and electrical systems design is carried out by Holloway Control Systems in our Telford workshop. All of our bespoke machinery is CE marked and carries a full warranty and service package.