

PLASMASTRA^{3D+}

IEEC is proud to introduce the PLASMASTRA 3D+, which is the latest innovation in the world of SURFACE TREATMENT. As at present Corona Treatment is meant for the treatment of films, foils or paper...but the PLASMASTRA 30+ targets all 30 solid objects for corona treatment.

This System is capable of treating Solid 30 objects of any size and form. IEEC PLASMASTRA 3D+ has the maximum face width of 90 mm, which treats larger surface area For example the system can treat a printing area of 90 mm in a single stroke, thereby saving energy and time thus resulting in cost saving. According to the need of application the system can be offered with a choice for face width of 30 mm, 60 mm,& 90mm



In the past as also presently Flame treatment is used which requires one to monitor some parameters like air fuel ratio, distance between the flame and surface etc. If one of these go wrong then there are chances of the product being less or not treated or deformed. Also the flame treaters are expensive to run as they need CNG as fuel also the process may produce poisonous gases when the Plastic Objects are Flame Treated, there is a potential Hazard to the people working around.

As compared the PLASMASTRA 30+ runs on conventional electric power that is economical at SOOW per hour, thus reducing the cost of operation. Secondly, unlike a flame treater the PLASMASTRA 30+ does not harm the object if the gap decreases thereby the quality of the object is assured. Further more the PLASMASTRA 30+ can work in close loop control with respect to the machine speed or indexing of the product.

So in todays world the PLASMASTRA 3D+ is the Smartest choice when it comes to Solid object surface treatment.

Technical Specification

- Power Output: 800 Watts
- Voltage Output: 30kV
- Optimal Treating Distance: Minimum 25 mm
:Maximum 45 mm
- Treating Head Width: 90mm
- H.V. Cable & Air hose Length: 2m each
- Input Voltage: 230V, 50/60 Hz
- Input Current: 5 Amp
- Max Ambient Temperature: 45 degrees C
- Power Adjustment: 0-100%
- Blower Adjustment: 0-100%
- Net Weight: 41 kg



Applications

•Automobile Industry

Head lights, door sealing profiles, decorative trim, switch components, control unit housings, bumpers.

•Printing Industry

For inkjet Printing on bottles, caps, wires and cables, pipes, glass and other materials. For pad printing on pens, mobile covers, switches, switch boards etc.

•Medical Devices

Dialysis machines, disposable syringes, catheter, ampoules, contact lenses, test tubes, petri dishes.

•Glass Industry

Window seals, window frames, printing on drinking glasses and bottles, perfume flacons.

•Coating

Foil coating, flocking, laminating.

•Adhesive Technology

Plastic sheets, furniture coatings.

•Laminating

Instrument panels, interior door coverings, car boot linings.