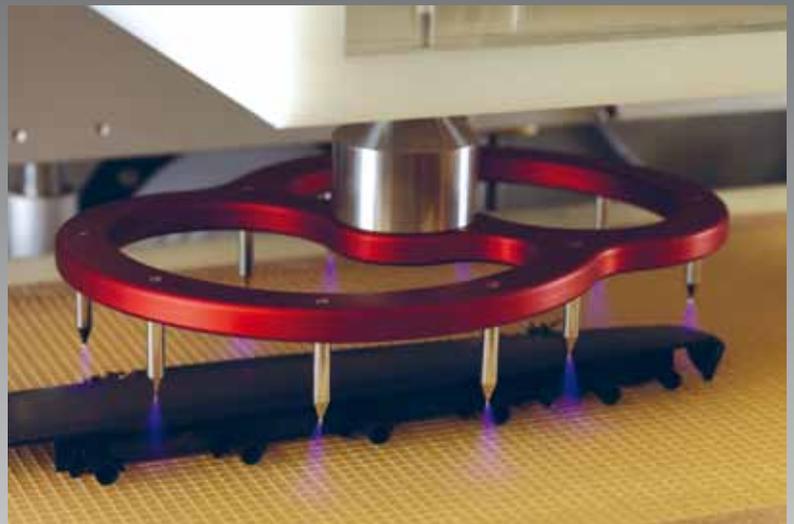


Product Information

RotoTEC-X - Corona Treatment of 3-Dimensional Components



RotoTEC-X - In-Line Corona Treater Corona Treatment of 3-Dimensional Components

Tantec RotoTEC-X is used for in-line treatment of injection moulded parts prior to coating, printing, gluing, painting etc. Often the RotoTEC-X is also used simply for optimising adhesion properties of a given substrate. The RotoTEC-X ensures a very uniform treatment process and offers the user full process control of all parameters.

The RotoTEC-X offers a cost-effective method for optimising the adhesion properties of printing inks, coatings, glue and paint on any surface made of polymer material including the commonly used polypropylene and polyethylene.

This universal system developed by Tantec operates with patented rotating electrode elements resulting in complete and uniform treatment of parts.

These self-contained units can be installed within existing production lines or used as an off-line treating process.

The system includes a high-frequency generator, high-voltage transformer, rotary electrodes, ozone filter and customised stand-alone or bench-top treating station.

Both standard and customised RotoTEC-X stations are available for both single and dual sided treatment.

TECHNICAL DATA

Features:

Non-contact treatment

Treatment of parts

Fully guarded treating station

Touch panel

Uniform treatment levels

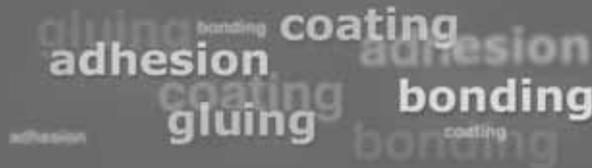
No need to change electrode height or set-up

Line speed up to 15 m/min

Patented design

TechnicalData

Plasma & Corona Treaters



Features:

- Non-contact treatment** → No need for electrodes to touch the part surface.
- Treatment of parts** → Various designs available depending upon part geometry.
- Fully guarded treating station** → Complete unit with all necessary safety precautions observed.
- Touch panel** → All parameters are displayed on the touch panel and are easily adjusted.
- Uniform treatment levels** → Rotating electrodes ensure a uniform treatment.
- No need to change electrode height or set-up** → Flexible design for multiple part treatment - no need to make adjustments.
- Line speed up to 15 m/min** → Keeps pace with existing production lines.
- Patented design** → RotoTEC-X electrode design offers optimized uniformity at treatment.

Technical Specifications	RotoTEC-X Corona treater
Mains voltage and frequency	230 VAC 50/60 Hz
Output voltage/plasma power	Max. 400 Vp/Max. 2000 Watt
Power supply	HV-X plasma generator series
Line speeds	0.5-15 m/min
Treatment sizes	Up to 100 mm high and 2000 mm wide
Treatment area	Single or dual sided treatment
Treatable materials	PP, PE, PEEK, ABS, PC, PS and others (non-conductive only)
Transport system	Flat belt conveyor and o-ring belts
Control and connectivity	Complete touch panel. (Standard - Proface)
Regulation compliance	CE - RoHS - WEEE

