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CORONA Treatment Specifications Equipment

Management of corona treatments:

To receive a quotation for your corona treatment generators, please fill in this form. It will be used to define the type of station, generator, ozone extraction and the automatic functions you need to obtain a good result on the surface of the materials.

Company: _____

Telephon: _____

User: _____

Fax: _____

Adress: _____

Date: _____

Type of use:

- Extrusion Melting Layer
 Printing machine Transformation manufacturing
 Cylinder bottles
 Injection: three dimensional pieces

Material to be treated:

- Polyester Polypropylen Polyéthylene Paper
 Aluminium
 Conductive Material
 Original treatment : yes no Original dyne level: _____
 Solvents in material: yes no
 Monoextruder Coextruder 1 orientation 2 orientations
 Slipping agent %: 0ppm 200ppm 500ppm 900ppm

Machine:

- Width Max: _____ mm - Width min: _____ mm
 Segmented electrodes: yes no
 Thickness of films: _____
 Thickness control: yes no
 Number of sides: 1 side 2 sides
 Speed of machine: _____
 Dyne level of treatment: _____
 Temperature of material at input : _____
 Voltage supply: _____

Automation of Generator

- * Proportional asset -----
- * Proportional speed machine -----
- * Segmental order -----
- * High and low treatment limits -----
- * Hole detection -----
- * Control of treatment by correlation---
- * RS232 remote control -----

Automation of Station

- * Emergency stop -----
- * Closing detection -----
- * Aspiration detection -----
- * Rotation detection -----
- * Blockage electrode detection -----
- * Temperature control-----
- * Opening / closing control-----
- * Aspiration order -----
- * RS232 remote control -----

Ozone Extraction & Destruction:

- Total Power of corona treatment: _____
 Extractor: ==> Power in w: _____
 ==> Exhaust in mm H2O: _____
 ==> Output in m3/hour: _____

Nota Bene: Usual levels used in corona treatment.
 Above this levels, the bobin may be bonding on itself.
 Printing Polypropylen: 44 dynes
 Printing Polyester: 40 dynes
 Extrusion: 42 dynes maximum