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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. Then we can define the type of station, generator, ozone extraction and automatic functions you need.

Company: _____ Telephone: _____
 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 Polyéthylen 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: _____
 Dynes level of treatment: _____
 Temperature of material at input : _____
 Voltage supply: _____

Ozone Extraction & Destruction:

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

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 -----

Automaton of Station

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

N B: Usual levels used in corona treatment :
 Above this levels, the bobin may be bonding on itself.
 Printing Polypropylen: 44 dynes
 Printing Polyester: 40 dynes