

CSB

Corona station



For maximum power and production speed

The robust design and corrosion proof materials of the corona treatment station CSB combine to create a product which is both durable for the aggressive atmospheres in which it operates, and straight forward to maintain. The station is specified in combination with a corona generator dependent upon the customer material and application to functionalise surfaces of web materials to improve the adhesion of printing inks, lacquers, adhesives and other coatings.

Product features

High efficiency

due to high energy density at the electrodes with compact installation space.

Durable design

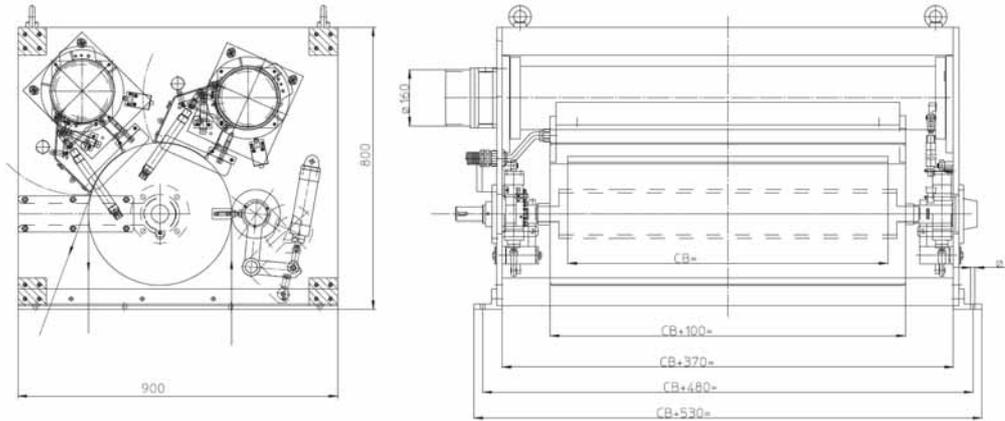
due to consequent use of corrosion proof materials.

Ease of Integration

into your production line through individually customised web path and mounting orientation.

Adhesion guaranteed!

Corona station CSB



- Sectional view of the corona station CSB, single sided version.

Technical features

- Single side or double side treatment.
- Available in various mounting positions.
- Electrodes selected for the individual application guarantee best corona effects:
 - patented Intelliblade™ electrodes
 - segmented electrodes for strip treatment
 - ceramic electrodes for conductive materials
- Optimal surface treatment with bare roll or silicone sleeve on the treatment roller.
- Specially developed ceramic insulator assemblies are resistant against flash over.
- Pneumatically operated swivelling electrode system with detachable covers facilitates maintenance.
- Efficient ozone extraction through each electrode.
- Roll rotation sensor.

Options

Nip roll for prevention of reverse side treatment, extended shaft for connection to drive motor, ceramic CERAL™-P coated roller.

Technical data

Type of electrode (alternative)	Ceramic (KB), Metal (IB), Segments (MMS)
Electrode configuration	max. 5x Ceramic (KB5), max. 16x Intelliblade™ (IB16) max. 2x Segments (MMS10)
Number of electrodes	2 (standard)
Roll diameter	400 mm (standard)
Roll face	Corona width (CB) + 100 mm



Improved dyeing



No more wet chemicals



Low operating cost



Improved adhesion



High wettability



Custom-engineered solutions



SOFTAL Quality



Environmentally friendly process



Uninterrupted operation