

CLN

Corona station



The station for tube and label treatment

The CLN corona treating station typifies the attention to detail in the complete range of SOFTAL treating stations. Robust design and corrosion proof materials combine to create a product that is both durable and, due to the new modular design, very straightforward to maintain.

The corona treating station is specified, in combination with a corona generator, to functionalise surfaces of web materials to improve adhesion of printing inks, lacquers, adhesives, and other coatings for labels and other applications.

Robust design and corrosion proof materials combine to create a product that is both durable and, thanks to the new modular design, now very straightforward to maintain.

Product features

High efficiency

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

Durable design

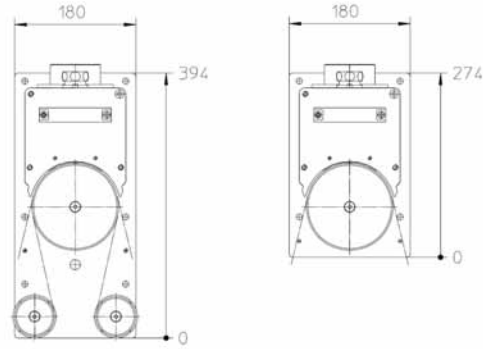
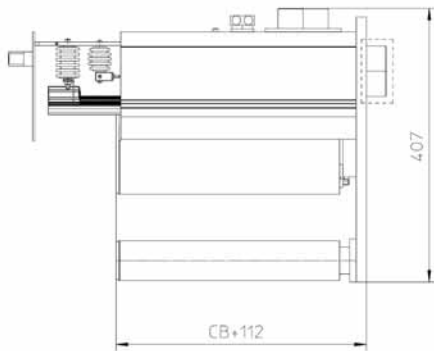
due to design using of corrosion proof materials.

Ease of Integration

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

Adhesion guaranteed!

Corona station CLN



- Sectional view of the corona station CLN.

Technical features

- Single side treatment.
- Prime corona effects due to high energy density on the electrodes.
- Special ceramic electrodes for treatment of conductive and non-conductive materials.
- Specially developed ceramic insulator assemblies are resistant against flash over.
- Cantilever electrode housing and treater roll.
- Maintenance friendly design of electrode system through pull-out electrode cassette.
- Highly efficient ozone extraction with low air requirement for speeds up to 250 m/min.
- Precise and maintenance free electrode gap.
- Roll rotation sensor.

Options

Ceramic CERAL™-D or silicon coated roller, extraction duct on rear of back frame, one or two guide rolls mounted at side frame, high voltage connection horizontally through the side frame, double side treatment, DCS-module for prevention of waste, segmented electrodes for treatment of non-conductive materials.

Technical data

Type of electrode (alternative)	Ceramic (KB), Segment (MMS)
Electrode configuration	max. 5x Ceramic (KB5), max. 1x Segment (MMS5)
Number of electrodes	1
Roll diameter	130 mm
Roll face	260, 310, 360, 410, 460, 510, 560 mm, other on request.



Improved dyeing



No more wet chemicals



Low operating cost



Improved adhesion



High wettability



Custom-engineered solutions



SOFTAL Quality



Environmentally friendly process



Uninterrupted operation