

CSM

Corona station



The complete solution for printing, laminating & coating applications.

The CSM corona treatment station has been specially designed for series production. It combines the advantages of economical standard systems and SOFTAL premium custom engineered solutions.

This station is in response to frequent customer requests for a compact, versatile and economical treatment station. Specifically for refresh treatment of medium width materials in printing, laminating, coating and other converting applications.

Each step of the CSM station's design was taken with special consideration for optimum cost-benefit-ratio. It is marketed with clearly defined specifications for cost optimized manufacturing.

Product features

Compact design

With compact build and robust side frames, the CSM requires minimal space and can be installed in a number of installation positions. It is ideally suited for integration into new machines, or upgrading existing systems.

Durable construction

through use of corrosion resistant materials.

Drive shaft as standard

The treater roll is supplied complete with extended drive shaft and can be provided with a tendency drive motor.

Adhesion guaranteed!

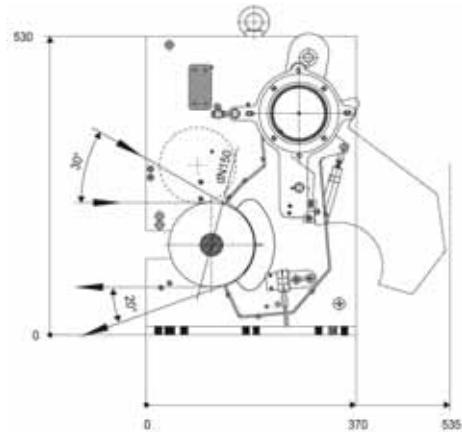
Corona station CSM

Technical features

- Treater roll drive shaft.
- Web can be fed in either direction.
- Electrode housing pivots out of the way in both web directions for protection against splices or material defects.
- Condensate trap with hole for connection of hose or condensate collecting bottle.
- Electrode housing manufactured from sheet metal for optimum EMC shielding.
- Elimination of high voltage cable by installation of high voltage transformer on the side frame.
- Increased insulation spacing for maximum protection from humidity and contamination.
- Uniform extraction airflow over entire width.
- Factory-ready for speed-dependent power control functions of SOFTAL generators.

Options

Nip roll, tendency drive motor, condensate collecting bottle, roller coated with silicon, or ceramic CERAL™-P, or conducting ceramic CERON™-C.



- Cut through a corona station CSM, one-sided version.

Technical data

Type of electrode	Ceramic (KJ)
Electrode configuration	max. 5x Ceramic (KJ5)
Number of electrodes	1 each side
Roll diameter	150 mm
Roll face	Corona width (CB) + 180 mm



Improved dyeing



No more wet chemicals



Low operating cost



Improved adhesion



High wettability



Custom-engineered solutions



SOFTAL Quality



Environmentally friendly process



Uninterrupted operation