

Corona-Plus

TOU8 - TOW8



Compact open design for single or double sided corona treatment

The open type of Corona-Plus treater station has a unique easily accessible design for single or double-sided treatment of a wide range of applications.

The stations can be fitted with a wide range of ceramic and metallic electrodes in a variety of shapes. Ceramic electrodes are usually employed where conductive substrates also have to be treated. The new treater stations give optimum surface adhesion on all types of plastic, paper and metal substrates.

The unit is designed with the discharge assemblies placed in modular fashion around an exposed backing roll, giving maximum accessibility for film thread-up and easy maintenance and cleaning. The electrode assemblies are pneumatically actuated, and pivot away for thread-up, or when splices pass through. The assemblies automatically return to the correct position again. Inspection windows are incorporated in the end frames to assist with alignment of the electrodes.

Ozone is extracted evenly along the whole electrode. Besides providing effective ozone removal, this also ensures very efficient cooling of the electrodes.

Safety requirements are met by safety switches that disconnect the power when an electrode assembly pivots. For use in hazardous areas a pressurised version can be supplied.

Features:

- * Single-sided or double-sided treatment
- * Treatment widths from 0.5 metres 8 metres
- * Easy film thread-up, maintenance and cleaning
- * Ceramic or silicone covered backing roll
- * Ceramic electrodes (bare roll)
- * Profiled fin electrodes (segmented/4-fins/9-fins)
- * Statically and dynamically balanced backing roll



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