

Enercon Corona Treaters



Specify Enercon Corona Treaters

Improve Surface energy for film converting and extruding.

Whether you are adding a corona treater to an existing line or specifying a treater for your newest line, Enercon's engineering team will customize a treating solution to meet your unique requirements.

IMPROVE SURFACE ENERGY OF ALL TYPES OF FILMS

INTEGRATES WITH OEM LINES

RELIABLE CERAMIC & STAINLESS STEEL ELECTRODES

ADVANCED CONTROL ENSURES RELIABILITY

ROLL COVERING OPTIONS: SILICONE, CERAMIC & MORE



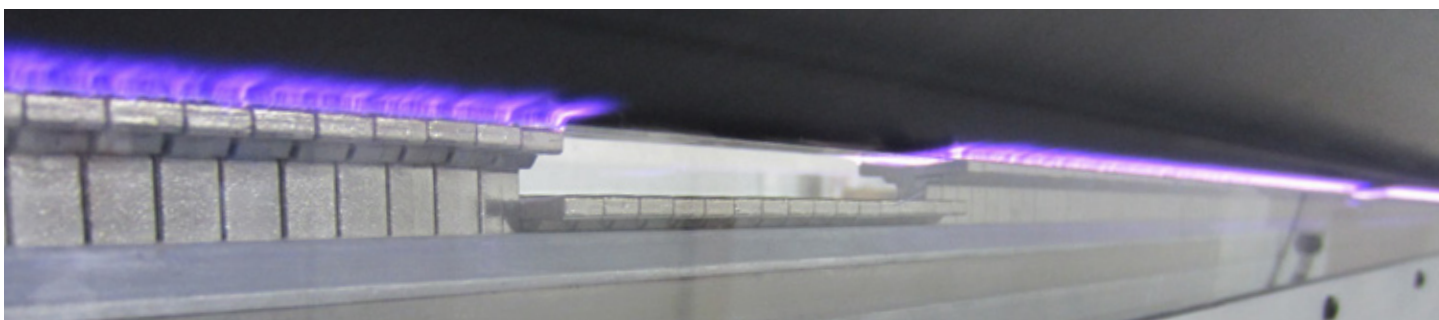
**Innovative People.
Ensuring Your Treating Success.**

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Get the corona system to meet your application needs

Our engineers examine all the specifications of your application when specifying a custom corona treater for your operation. Whether you need fixed width treatment, lane treatment, pattern treatment or skip treatment, Enercon has the electrode designs, roll coverings and power supply control architecture to handle your requirements. And our team can help you decide the best location for your corona treater and ensure it integrates seamlessly with your blown film, cast film or converting line.

It begins with defining the watt density your application requires and then configuring our electrode designs with our specialty ground rolls and feature rich power supplies. Next, we'll work with you to customize your system right down to every nip, drive, and bolt to ensure your new system integrates seamlessly into your line. Our close partnerships with OEMS from around the world means your next treater will be installed, commissioned and running in record time.



Blown & Cast Film

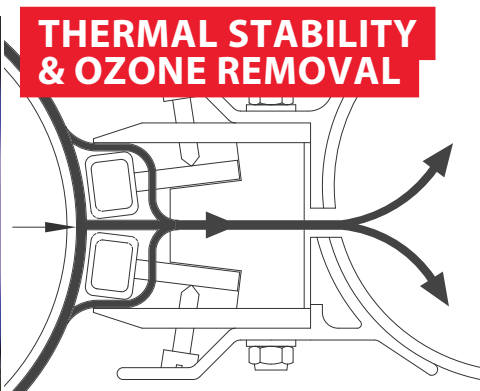
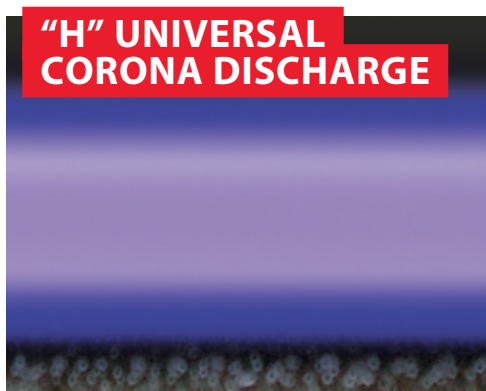
Enercon's covered roll corona treaters are specifically designed for blown and cast film lines, and non-conductive film converting applications.

A compact and simple construction allows for two-sided and adjustable lane treating. The electrode system provides simple, trouble-free air-gap adjustment.

Printing Converting Laminating

Enercon's ceramic electrode corona treaters are designed for conductive and non conductive films in printing, coating, & laminating operations, as well as blown and cast film lines where lane treating is not required.

High performance "H" system produces homogenous corona and the industry's best insurance against backside treatment, film wrinkling and pinholing.



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Operator Friendly Electrode Assemblies

TREATING POSITION



CERAMIC ELECTRODE ASSEMBLY

PIVOTS FREELY



OPENS FOR CLEANING



METAL ELECTRODE ASSEMBLY



Roll Types Ceramic coated, Silicone sleeve, Vulcanized silicone, Epoxy coated & more.



Splice Protection & Fast Thread-up: Pneumatically actuated electrode assembly pivots out of the way

Splice Pass-through: Electrode assembly mechanically pivots for unexpected splices

Easy maintenance: Hinged design enables easy clean-in-place maintenance

Ozone & Thermal Protection: Exhaust through electrode assembly removes ozone from the work area and cools electrodes to maintain thermal stability

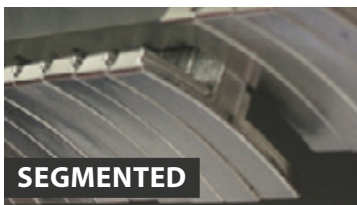
Electrodes

Ceramic

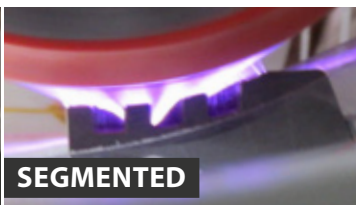


Enercon manufactures several ceramic electrode designs optimized to work with our Bare and Universal Roll Corona Treater systems.

Metal Styles



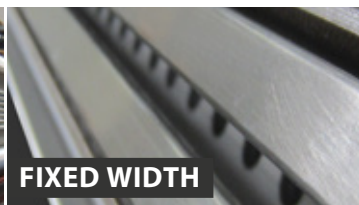
SEGMENTED



SEGMENTED



FIXED WIDTH



FIXED WIDTH

Segmented electrodes allow for lane & pattern treating.

Fixed width electrodes work well for most non-conductive basic converting applications.

Specify Enercon with your next OEM Installation

You'll find Enercon equipment integrated on printing, coating, laminating and extrusion lines with every major OEM in the world. Enercon works very closely with all OEMS to ensure they also recognize critical variables that can impact corona treater selection. Defining the application variables at the beginning of the project will avoid application issues down the road and save you money up front.

Enercon offers you a dedicated team of engineers to manage every aspect of your project. Seamless mechanical, electrical and control integration ensures a smooth start-up and operation. Seamless mechanical, electrical and control integration ensures a smooth start-up and operation.

Have a question about your next corona treater? Contact our experts today.



Service and Support

Did you know that Enercon Service Technicians are degreed engineers? When you need start-up support or technical field service you can be confident that Enercon's factory trained engineers are available to support you 24/7.

Power Supplies

From basic requirements to advanced control Enercon offers a series of power supplies to meet your requirements.

Compak™ 2000



1-15kW

Compak™ 2000 Deluxe



1-15kW

Proflex™



15kW and higher.

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