

# NARROW WEB CONVERTING NEWS

Addressing the Needs of Tag, Tape & Label and Short-Run Converters

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**BALANCE.**

**THE SECRET TO SUCCESS REALLY ISN'T A SECRET. YOU SIMPLY HAVE TO BE ABLE TO DO IT ALL. THAT'S BALANCE. IT'S WHAT MAKES YOU BETTER THAN THE NEXT GUY. AND, IF YOU'VE GOT IT, YOU'VE GOT THE WHOLE WORLD AT YOUR FINGERTIPS.**

Advanced technology, quality, safety, installation, technical support, training, increased productivity, largest operating window, optimum performance, after sale communications and maintenance assistance. Always providing the most innovative and smart solutions. There's extra comfort in trusting an industry leader who's always one step ahead.

To find out more about the art of balance in corona treating, visit our web site at [www.enerconind.com](http://www.enerconind.com).

## TL MAX Even More User-Friendly

The people have spoken, and we have listened. Our TL Max narrow web treating station has been working hard out in the field for over a year now. You, the customers, have given us some ideas about how to make the TL Max even better. Here are a few of the recent changes that make the Max even more user friendly:



- Lift/support cylinder assists in lifting the electrode assembly and holding it in an open position during threading.
- Electrodes are easily removed with a screwdriver to facilitate cleaning.
- Modified cantilevered design eases threading of the web and maintains the set air-gap.



INSIDE:

Properly  
Exhausting your  
Treater Station

Thinking about a  
treater purchase?  
Try us on  
for size!

# Properly Exhausting Your Corona Treating Station

Whether you are making plastic films, converting them, or printing on them, your corona treater is a very important part of your process. Without the surface energy enhancement that your corona treater provides, much of what you make today could not be produced. As a critical tool in your manufacturing process your treater should be properly installed and maintained.

Today we would like to discuss one very important aspect of your treater that, if well conceived and well maintained, will go a long way toward insuring long-term operating efficiency. That aspect is airflow. Often ignored, proper airflow can be beneficial to your treater in many ways.

While delivering the positive benefit of surface energy enhancement, the corona treating process also creates ozone gas as a by-product. The ozone that is created is a positive contributor to the objective of surface energy enhancement, but it brings some negative characteristics along with it as well. The odor of ozone gas can be offensive to humans in rather small concentrations. Ozone gas in larger concentrations can be toxic to humans. Ozone gas is also very corrosive, and if not properly removed from your treater, will cause it to quickly deteriorate.

For all of these reasons, proper ventilation of your treater becomes very important. An added benefit of the ventilation process is the extended life afforded to your electrodes because of the cooling effect created as air is drawn into, through, and away from the treating station.

Here are a few Do's and Dont's to help you make sure that your system is the best it can possibly be:

## **Do:**

- Use as large a diameter duct as possible, but never less than the recommended diameter.
- Use PVC, stainless steel or aluminum for construction of the ductwork.
- Keep the number of elbows and transitions to a minimum.
- Make your joints tight and seal them where necessary to reduce pressure losses.
- Be sure that your blower is properly installed and rotating in the proper direction.
- Consider installing your blower outside your building. This will provide negative pressure throughout your system.

## **Don't:**

- Use galvanized or steel ducting material.
- Use flexible ducting unless it is specified as ozone resistant and is perfectly smooth on the inside. If flexible ducting material is used it should only be used for relatively short runs.
- Install an elbow to redirect the airflow within three (3) diameters of the inlet or exit of the blower.

Our Customer Service Team is always available to you to help you resolve difficulties that may arise. Call us anytime at 262-255-6070, or send us an e-mail at [service@enerconmail.com](mailto:service@enerconmail.com), and let us help you through your installation. We can also arrange for a Service Engineer to visit your plant to supervise installation or inspect your installed system.

Try Us  
On For  
Size

Are you considering the purchase of a new narrow web treating system? Interested in comparing the performance of an Enercon system to your existing system? If for these, or any other reason, you want to make sure that a treating system is for you, we have the perfect option available.

You may trial an Enercon in your factory, on your presses, for up to 10 days. You have nothing to lose! The only downside is that you may not want to part with the Enercon after your tests! It will make you wonder, "How did I ever do without it?"

If you would rather have us do the work, our state-of-the-art Enercon lab is available to test your substrates at no cost to you, except for shipping and handling of the materials. You may choose to be present for the testing, or simply put it into our hands. Either way, you will be given a computer-generated report of the results after testing.

Contact Rick Young, Narrow Web Sales Manager, at 262-250-3187, to reserve your consignment or schedule a time to test your material in Enercon's Corona Treating Lab.



## RICK'S RAMBLINGS ...

All corona treaters are not created equal. The heart and life's blood of any treater is its power supply, and Enercon has proudly been the World leader in building dependable power supplies for years. Others try to copy us to no avail.

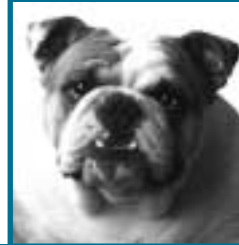
With a genuine Enercon you can expect leading IGBT design, silent running, accurate output power, a superior "load match" to run a wide variety of substrates, and the best available "turn down ratio" in the world. Our service manager often feels like the Maytag repairman - waiting for

his phone to ring - because Enercon power supplies just never miss.

Regardless of how superior a power supply is, it must be mated with a quality constructed treater station. Did I tell you, Enercon leads in that area too? Looking for easy maintenance? Recognizing this basic fact of life, our R&D engineers designed the treater station to be field stripped at warp speed with only the aid of a screwdriver. The cleaning process takes only a few minutes and is virtually effortless.

Independent surveys have proven the previous statements. To have us build a genuine Enercon just for you, give us a call. I guarantee you will like it.

MAX



### Akzo Nobel Inks Celebrates a New Beginning in Education and Technical Support

We would like to applaud Akzo Nobel for their efforts to expand educational opportunities within the narrow web printing industry.

Akzo Nobel Inks' Center for Technical Excellence houses a customized state-of-the-art 4150 Mark Andy press and is used for testing, troubleshooting and industry training and seminars. All seminars include information presented by both Akzo Nobel Inks and its co-supplier partners. Seminars are scheduled each month throughout the year 2000, and cover topics such as *Challenges and Solutions for Combination Printing* and *Flexo on Unsupported Film*.

An open house celebration for the new Center for Technical Excellence is scheduled for May 3, 2000.

For more information on the seminar schedule, contact the Center at 612-551-1936.



The 4150 Mark Andy press located in Akzo Nobel Inks' Center for Technical Excellence is equipped with an Enercon TL Max II Two-Sided Treater.

## Your Link to the Latest Corona Treating News

To have Enercon's e-mail newsletter, THE CORONA CONNECTION, delivered right to your computer, visit [www.enerconind.com/subscribe](http://www.enerconind.com/subscribe) to sign up! You may also send an e-mail to [ltopp@enerconmail.com](mailto:ltopp@enerconmail.com), including your name, company name, address, phone number and e-mail address. Specify THE CORONA CONNECTION in the subject line. This bi-monthly newsletter will keep you updated on the latest happenings at Enercon, industry events and the newest developments in corona treating technology.

# 2000 Schedule Of Events

<u>SHOW/CONFERENCE</u>	<u>DATE</u>	<u>LOCATION/BOOTH</u>
◆ PLC Trouble Shooting for Flexible Packaging TAPPI	May 2-4, 2000	Arlington Heights, IL
◆ PaPro/Drupa	May 18-31, 2000	Dusseldorf, Germany
◆ An Introduction to Flexographic Printing Akzo Nobel (see story inside for details)	May 23-24, 2000	Plymouth, MN Center for Technical Excellence
◆ NPE	June 19-23, 2000	Chicago, IL McCormick Place
◆ China Plas	July 4-8, 2000	Shanghai, China, Booth #M1A03
◆ Latin Pack 2000	July 19-20, 2000	Mexico City, Mexico
◆ TAPPI PLC Fall Conference (For more information visit <a href="http://www.tappi.org">www.tappi.org</a> )	August 27-31, 2000	Chicago, IL
◆ Label Expo USA	Sept. 12-14, 2000	Chicago, IL, Booth #1239 Rosemont Convention Center
◆ TLMI Annual Meeting	Oct. 15-18, 2000	Palm Beach, FL

Enercon will participate in many other regional shows throughout Europe, Asia and South America. Please contact Enercon at (262) 255-6070 for details. ◆

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