

Enercon TL MAX™

Narrow web surface treater



Enercon ceramic electrodes deliver high levels of treatment for a wide variety of applications.



Enercon's TL MAX™ improves adhesion for printing, coating, bonding and laminating applications. Our high efficiency power generators combine with high powered electrodes to raise the surface energy of a wide variety of conductive and non-conductive substrates. The ingenious TL MAX™ design simplifies set-up, operation and maintenance. A patented airflow design provides enhanced treatment levels and creates unique ozone removal capabilities for a safe work area.

Simple operation and powerful treatment



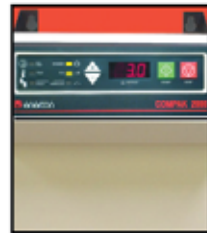
Easy set-up and operation

Enercon's innovative hinged electrode assembly is counterbalanced for easy web thread-up. High-powered ceramic electrodes provide reliable and efficient performance without dielectric roll coverings. Safety interlocks for zero speed electrode position, and exhaust flow ensure safe operation.



More treating power per electrode

Enercon's Power+ electrodes deliver 40% more treating power than standard ceramic electrodes. And our Power 2 electrodes deliver 100% more treating power and dwell time than standard ceramic electrodes. No other electrode type treats to higher levels.



Reliable power generation

Powering the TL MAX™ is Enercon's Compak™ 2000 power supply. Its easy to use controls feature power up/down and start/stop push buttons, digital output watt meter, and operational indicators. High efficiency IGBT power conversion ensures optimal power generation.



Clean-in-place design promotes uptime

Routine maintenance can be performed without tools disassembly, realignment or air gap adjustment. Its hinged design provides quick access to the area behind the electrode for cleaning. Electrode cartridge also features a slip-off design for bench-top maintenance.



AAA Press International, Inc.

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Enercon TL MAX™ Narrow web surface treater

Standard configurations



Single side treater
in treat position



Two sided treater
in treat position



Two sided treater
electrodes open
for web thread-up

Standard Features

- Select model based on your treat width requirements
10" (254mm) 14" (355mm) 18" (457mm) 22" (558mm)
- Choose from single and double sided treatment systems
- Enercon's Power or Power2 electrodes
- Hinged electrode assembly for easy set-up and maintenance
- High voltage transformer

Optional Features/Accessories

- Exhaust Blower (CFM, HP ratings based on your needs.)
- High voltage switching for treatment of one or both sides of web

System Dimensions

Single Side Treatment (mm are approximate)

Treat Width	Length/Depth/Height	Length/Depth/Height
10" (254mm)	27.5 x 8.5 x 16"	698 x 216 x 406mm
14" (355mm)	31.5 x 8.5 x 16"	800 x 216 x 406mm
18" (457mm)	35.5 x 8.5 x 16"	901 x 216 x 406mm
22" (558mm)	39.5 x 8.5 x 16"	1003 x 216 x 406mm

Two Sided Treatment (mm are approximate)

Treat Width	Length/Depth/Height	Length/Depth/Height
10" (254mm)	28 x 22 x 16.5"	711 x 559 x 419mm
14" (355mm)	32 x 22 x 16.5"	812 x 559 x 419mm
18" (457mm)	36 x 22 x 16.5"	914 x 559 x 419mm
22" (558mm)	40 x 22 x 16.5"	1,016 x 559 x 419mm

Universal Compak™ Power Generators

High performance IGBT technology ensures reliable power generation. Frequency variable auto matched to load eliminates the need for high voltage transformer taps. Quick connect wiring simplifies installation.



Optional generator features:

- Watt density control proportional to line speed control
- Remote Control
- Input transformer

Model	KW	Input Power	Cabinet Size mm	Input Power	Mounting
2000 Flip-Top	1	120v, 1PH, 50/60hz	391 x 356 x 292	15.4" x 14" x 11.5"	Wall
2000 Flip-Top	2	240v, 1PH, 50/60hz	391 x 356 x 292	15.4" x 14" x 11.5"	Wall
2000 Flip-Top	3	240v, 3PH, 50/60hz	391 x 356 x 292	15.4" x 14" x 11.5"	Wall
2000 Flip-Top	4.5	240v, 3PH, 50/60hz	506 x 356 x 337	19.9" x 14" x 13.25"	Wall



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