

Narrow Web CORONA TREATERS

PILLAR
TECHNOLOGIES
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Narrow Web Station for
Tag & Label, Printing, Coating
and Laminating Industries.

Pillar's patented technology in narrow web corona treating allows printers to produce high-quality print on various conductive or non-conductive substrates. The unitized or non-unitized versions easily mount to most equipment configurations.



Single-Side "Unitized"

Increase Productivity

Combined with the industry proven P6000 power supply, the narrow web corona treater maximizes power efficiency across the web resulting in consistent wettability and ink adhesion, allowing for enhanced productivity. Integrated power supplies range from 0.5 to 3.5 kW. (Larger sizes available upon request).

Easy Operation

Removable electrode magazine with hands-free high voltage connection for safe, simple cleaning and maintenance.

Faster Press Speeds

Magazine design optimizes the electrode area delivering twice as much power to the web for maximum performance - even at today's demanding line speeds.

Affordable

Unitized design saves on the expense of installing a separate corona treating station and power supply, incorporating your needs into one compact unit.

Quick Installation

The user-friendly design includes an adjustable mounting arrangement which easily adapts to a wide variety of presses and frame widths. The front access single point gap adjustment (provided as a standard) enables users to quickly set the gap between the roll and the electrode, reducing set-up time. As with all Pillar equipment.

Multiple Configurations

The narrow web non-unitized station with its small footprint provides for ultimate mounting flexibility. Station configurations for one-side (top or bottom treat), one-side twice, or two-side are available upon request.

Available Options

- Computer interface control
- Proportional speed control
- Web cleaner and static control
- Electrode gap dial indicator
- Conductive ceramic
- Dual dielectric
- Hard coat
- Watt density control
- Loss of treatment alarm/beacon
- Remote operator station



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Specifications

- Treat width capacity:
180 mm to 1000 mm webs*
- Electrode style: Ceramic
- Treater roll: 100 mm diameter
- Idler roll: 75 mm diameter
- Maximum line speed: Standard
design incorporates 725 m/min
- Treat Capability:
 - One or two sides
 - One or two sides twice
- Aluminum frame featuring stainless
steel enclosure
- 230 VAC input voltage, 1 and 3 Phase

Integrated power supply with
HV transformer

Patented hands-free
high voltage connections
for easy electrode
removal and installation

Low friction, dead
shaft roll bearings

Microprocessor
operated control
panel

Patented front access
single point air gap adjust

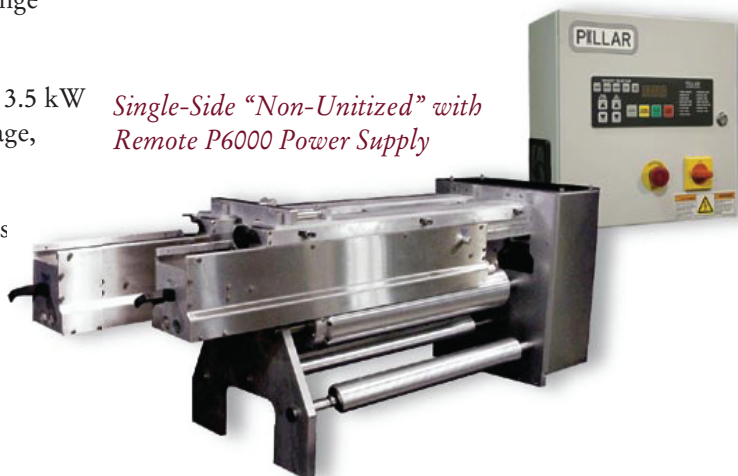
Patented "Slide out" electrode
for quick changeover, ease of
cleaning and routine maintenance.



Benefits and Features of the P6000 Series Power Supply

- Accurate output power
- Superior "load match" for wide range
of applications
- 20:1 or better turn-down ratio
- Full range of sizes from 0.5 kW to 3.5 kW
- Digital LED displays Power, Voltage,
Current, Frequency
- Microprocessor controlled
- Power supply diagnostic indicators
- Loss of treatment indicator
- Electrode gap dial indicator

*Single-Side "Non-Unitized" with
Remote P6000 Power Supply*



Single point electrical power
and exhaust connections.



Pillar maintains a fully functional engineering and laboratory facility in order to provide treater systems best suited to individual application needs. In addition to our high quality treater stations, Pillar offers a full line of industry proven power supplies and ozone destruct systems. For a free application analysis contact your Pillar representative today.

 surface treatment solutions