

Narrow Web Corona Treaters



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 substrates. The unitized or non-unitized versions easily mount to most press 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 with increased productivity. Integrated power supplies range from 0.5 to 3.5 kW. (Larger sizes available upon request).

Quick Install

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 enables users to quickly set the gap between the roll and the electrode, reducing set-up time.

Affordable

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

Easy Operation

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

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.

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.

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 765 mm webs*
- Electrode style: Ceramic
- Treater roll: 100 mm diameter
- Idler roll: 75 mm diameter
- Maximum line speed: Standard design incorporates 725 meter per minute (m/min)
- Treat Capability: One or two sides
- Web tension: 5 PLI or 877 Newton (maximum)
- Aluminum frame featuring stainless steel enclosure
- 230 VAC input voltage, 1 and 3 Phase

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 (Consult your Pillar representative for more information and options)

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.

Integrated power supply with HV transformer.

Hands-free high voltage connections for easy electrode removal and installation.

Low friction, dead shaft roll bearings.

Adjustable mounting frame allows fast installation on most all printing presses.

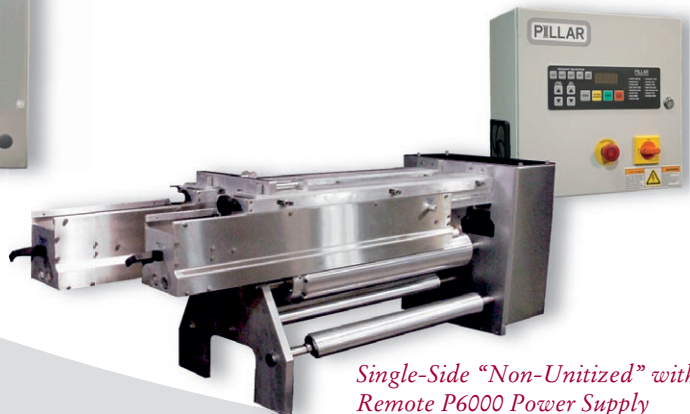


Microprocessor operated control panel.

Front access single point air gap adjust.

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

Single point electrical power and exhaust connections.



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

* Contact your ITW-ST agents for customized information. Dimensions and specifications subject to change without notice. Certified dimensions available on request.