

Silicone Coater SC 5000



Cost-Effective and Precise Performance



The MEGTEC Silicone Coater combines precise and automatic functionality with ease-of-use to give offset, newspaper, and gravure printers a cost-effective means of applying silicone to control static electricity and eliminate marking by downstream finishing equipment.

The bottom line is process knowledge



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Automatic Operation

Silicone application is computer controlled through the entire range of stop-start operation and web-speed variations. The application rate is automatically synchronized with the press speed. If press speed falls below the engage speed, or stops due to a shutdown or web break, the application rollers automatically move away from the web to prevent saturation of the web.

The applicator rollers can be programmed independently of each other, making it possible to apply a different amount of silicone to each side of the web.

Performance Features

- Stainless steel applicator rollers ensure even coating
- Pneumatic roller/tray engagement delivers smooth and reliable operation
- High-contrast LCD display and membrane keys make for easy operation
- Real-time monitoring automatically adjusts the application roller speed to press speed, ensuring silicone coating remains consistent
- A slim, compact profile maximizes space. For installations in hard-to-reach locations, the keyboard can be mounted in a remote location
- Available in web widths from 20 inches to 80 inches (508 to 3032 mm) to match just about any application
- CE and UL certified
- Options include ceramic-covered application rollers, risers and stacking hardware, stainless steel tray covers and roller edge wipers

Technical Specifications

- Maximum operating press speed: 3,000 ft/min (914 m/min)

System Requirements

- Voltage: 115/230 VAC
- Frequency: 50/60 Hz
- Phase: Single phase
- Air: 80-100 psi at 1 cfm (5,5-6,9 bar at 0.0005 m³/sec)

Controls

- Operator control station type: 4 x 20 character text display with numeric bar graph readout

Physical Characteristics

- Displays (H x W x D): 4.29 inches x 5.86 inches x 2.36 inches (108.9 mm x 148.8 mm x 59.9 mm)

Environmental

- Temperature: 32°– 131°F (0° – 55°C)
- Interface requirements
- 10 percent press speed signal; 230 VAC; 115 VAC; 24 VDC

Features

- PLC-based
- Press speed following
- Air-activated tray engagement
- 15-gallon (58.8L) tank with pump

Options

- Ceramic-covered application rollers
- Risers and stacking hardware
- Stainless steel tray covers and roller edge wipers
- Heavy-duty pump package