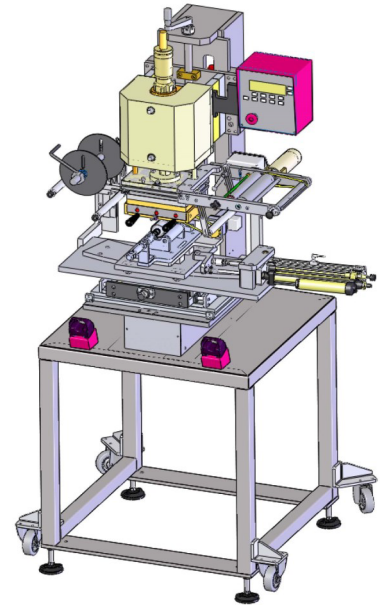


US Models PS1000, PS2500 Peripheral Hot Stamp & Heat Transfer Equipment



United Silicone's Peripheral Hot Stamp & Heat Transfer machine is used for peripheral application of heat transfer decals or decorative foils to cylindrical or tapered parts.

State-of-the-Art Controller

- Operator -friendly graphical display for rapid parameter adjustment
- Stores multiple job parameters for instant recall
- Precise digital head temperature control

Stable Head Control

- Improved head guide system for accurate positioning throughout the head stroke
- Safe, quiet, smooth cycling
- Convenient, accurate stroke length adjustment for rapid setup
- Front panel speed controls to set ideal head travel speeds, stamping pressure and foil stripping condition
- Angular adjustments on head

Precision Foil & Transfer Advance

- Constant torque for smooth advance
- Accurate, repeatable cycling for minimal foil waste

Customer Benefits:

- Constant torque for smooth advance
- Accurate, repeatable cycling for minimal transfer/foil waste
- Safe, quiet, smooth cycling
- Provides safe work environment

United Silicone, an ITW Decorating Company, specializes in the design and production of standard and custom hot stamp and heat transfer decorating machines. Our automation department offers complete capabilities from integrated applications to full turnkey systems.

United Silicone also provides a complete range of supplies including: silicone rubber dies, rollers, sheets, part holding fixtures and heat seal supplies.

Trusted Partner for Your Product Decorating Needs

United Silicone 4471 Walden Avenue, Lancaster, NY 14086
Tel +1 (716) 681 8222 Fax +1 (716) 681 8789
Email info@unitedsilicone.com

www.unitedsilicone.com www.itwids.com

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Operating Features

Vernier fine adjustment and positive stop on double-acting pneumatic cylinder allows precise control of stroke length and accurate stamping force. The PS2500 utilizes four guide rods operating in linear bushings for accurate control of the machine's stamp head.

Front panel head speed flow controls permit convenient adjustment of up and down head travel speeds, cycle time, and stamping and foil stripping conditions.

Pre-drilled and tapped steel work table provides a stable setup platform and convenient fixture mounting.

Quick-change die holder with adjustable stops ensures positive, repeatable die positioning.

Precision foil advance system driven by a DC electric motor, produces constant torque for smooth advance, reliable control, efficient foil utilization, and minimal waste. The system features:

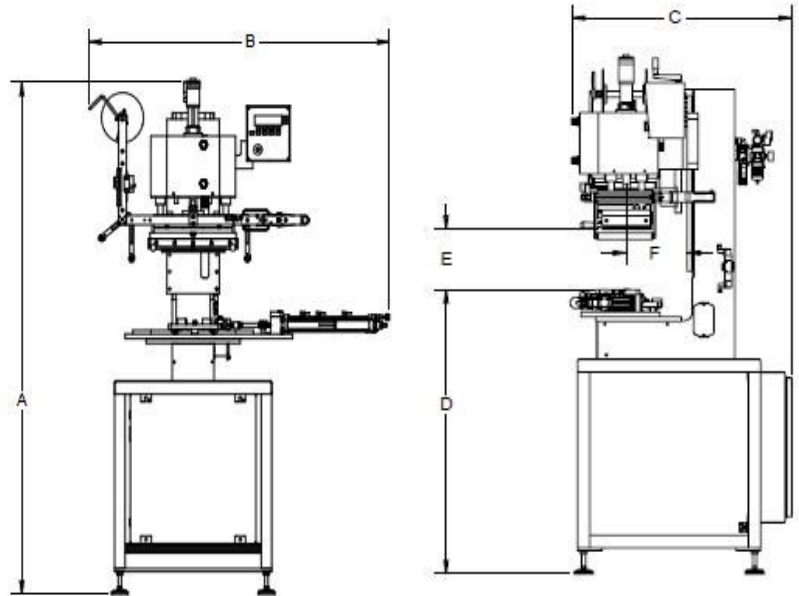
- Foil tensioning arm helps prevent wrinkling of foil.
- Adjustable foil guides and guide rings maintain accurate foil positioning in relation to decorating surface.
- Quick-release foil take up shaft facilitates rapid changing.

Construction Features

Rugged steel frame provides high stamping repeatability, while modular design permits easy adaptation to oversize parts. All components are coated for longterm protection. Coatings include paint, nickel plating, and anodizing.

Specifications

| Model | PS1000 | PS2500 |
|-------------------------------------------|--------|---------|
| Maximum Stamping Force (Tons) | 1.0 | 2.5 |
| Head Stroke (Inches) | 0-3 | 0-3 |
| Head Size (Inches) | 6x8 | 8x16 |
| A- Approximate Dimensions (Height-Inches) | 82 | 82 |
| B- Width (Inches) | 57 | 57 |
| C- Depth (Inches) | 36 | 36 |
| Electrical Requirements (Volts) | 110/22 | 110/220 |
| D- Throat Depth (Inches) | 10 | 10 |
| E- Working Height (Inches) | 0-16 | 0-11 |
| Air Requirements (CFM) | 5 | 5 |
| Air Requirements (PSI) | 50-100 | 50-100 |
| Working Pressure (PSI) | 20-100 | 20-100 |



In keeping with its policy of continuous product improvement, United Silicone reserves the right to discontinue or change specifications, designs, materials and equipment without notice or obligation, consistent with sound engineering principles and modern practices.

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