

Models US40, US75 & US120

The machine's large-area hot stamp and heat transfer decorating machines provide advanced capabilities for reduced setup time, high reliability, efficiency, smooth and quiet operation, and simplified troubleshooting. These versatile machines may also be used for graphic foil stamping, die cutting, and embossing. All machines feature stable, consistent head travel and smooth foil advance for optimum stamping quality from job to job.

Advanced Control System

- Job storage capabilities
- Advanced diagnostic capabilities
- Digital control of temperature and time parameters
- Graphics screen on operator control interface

Stamping Force & Control

- Stamping force generated by the action of a cam-amplified horizontal cylinder offering consistent, repeatable stamping pressure
- Safe, quiet, smooth cycling
- Front-panel fine adjustment offers precise control over head stroke length and stamping force
- Numerous head sizes to accommodate a wide range of part sizes

Precision Foil Advance

- Constant torque for smooth advance
- Optional, adjustable head-up delay regulates cooling time for optimum foil release
- Accurate, repeatable cycling for minimal transfer waste

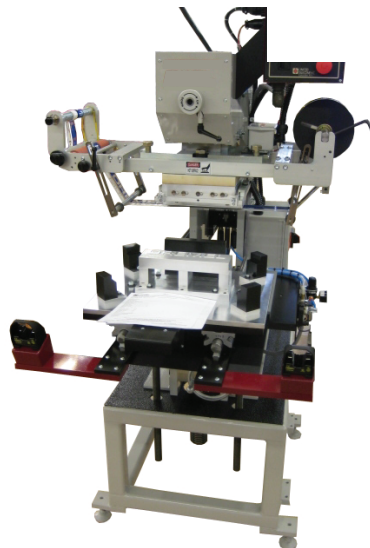
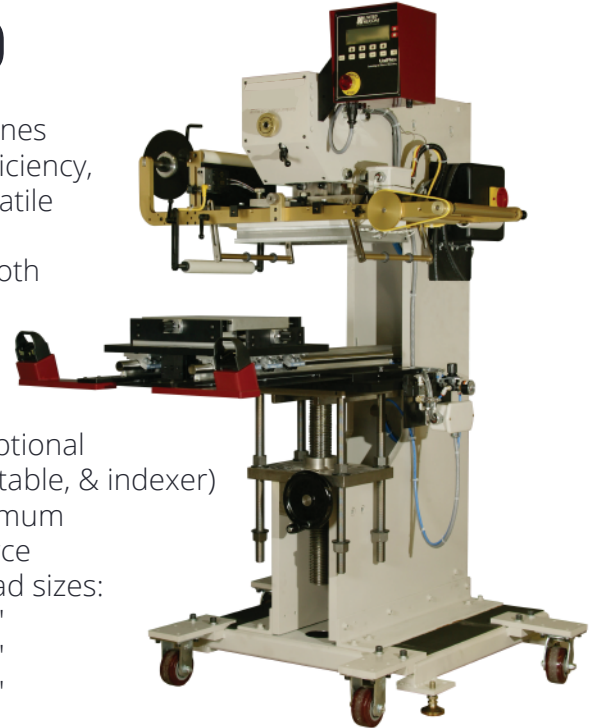
Heat Transfer Web Advance

- Stepper Motor with constant torque
- Electronic web offset adjustment
- Accurate, repeatable cycling for minimal foil waste

Model US 75

(shown with optional slide table, XY table, & indexer)

- 7.5-ton maximum stamping force
- Standard head sizes:
 - 10" x 10"
 - 12" x 16"
 - 12" x 24"



Model US 40

- 4-ton maximum stamping force
- Standard head sizes:
 - 10" x 10"
 - 12" x 16"



Model US 120

shown with optional slide table, XY table, & indexer)

- 12-ton maximum stamping force
- Standard head sizes:
 - 12" x 16"
 - 14" x 24"

Operating Features

An advanced control system specifically optimized for hot stamp & heat transfer applications. The control unit provides reliability over all functions. It has machine setting memory for all temperatures & time parameters. It has flexibility for expansion & customization. Side- mounted operator controls with membrane switch panel & graphics screen display show machine settings, machine status & diagnostic messages. Featured is digital control of stamping temperature with overheat setpoint protection, dwell time, foil pull time & resistance to electro- magnetic interference. Also provided is a before/after foil pull selector, digital parts counter with reset, a set-up selector & optional head-up delay selector.

Consistent stamping pressure & stable head action results from the cam-amplified force of a horizontal cylinder & cam-follower travel guides.

Head height fine adjustment allows precise control of stroke length and stamping force.

Head angle adjustment permits proper front-to-rear angular relationship between die & work table.

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

Pre-drilled and tapped 16" x 24" steel work table provides a stable setup platform & convenient fixture mounting.

Adjustable work table outriggers provide independent work height adjustment & support at all four corners. Dual palm buttons combine reliable cycle starting with operator safety.

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

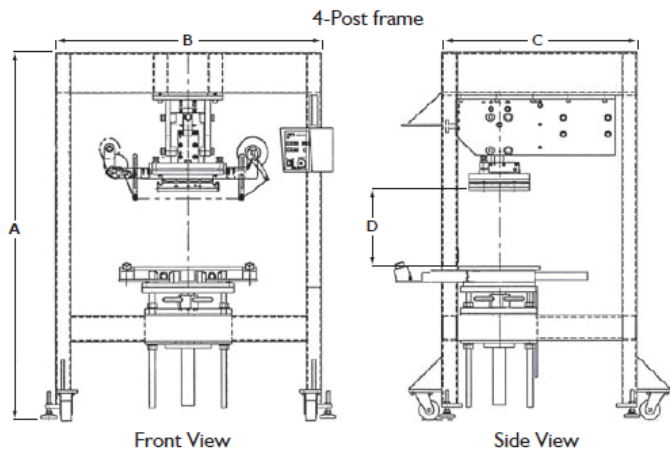
Precision foil and web advance system driven by a stepper motor, produces constant torque for smooth advance, reliable control, efficient foil utilization, & minimal waste. The system features:

- Adjustable foil guides and guide rings maintain accurate foil positioning in relation to decorating surface.
- Quick-release foil takeup shaft facilitates rapid roll changeover.

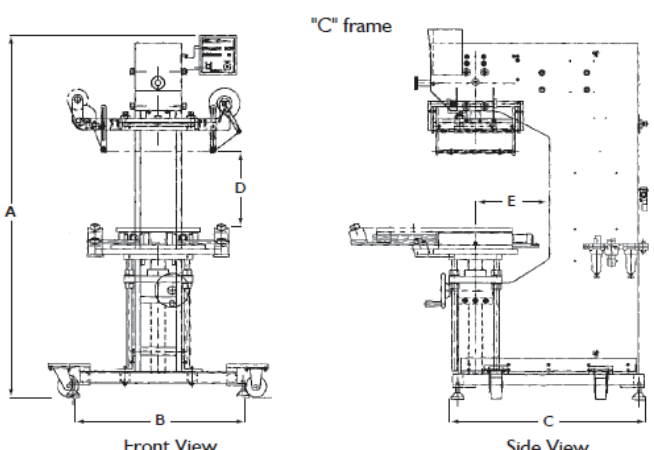
Construction Features

- Rugged steel frame for reliability & repeatability
- Machine components, available painted, chrome plated, black oxide coated, & anodized
- Machine base with solid top & leveling feet offers a sturdy base & independent leveling on all four corners.

Specifications



	A	B	C	D
US 40	71	52	34	1-12
US 75	73	52	38	1-12
US 120	73	52	38	1-12



	A	B	C	D	E
US 40	68.5	24	29	0-13.5	10
US 75	70.25	33	41	3.5-18	12
US 120	70.5	34	45	3.5-18	14