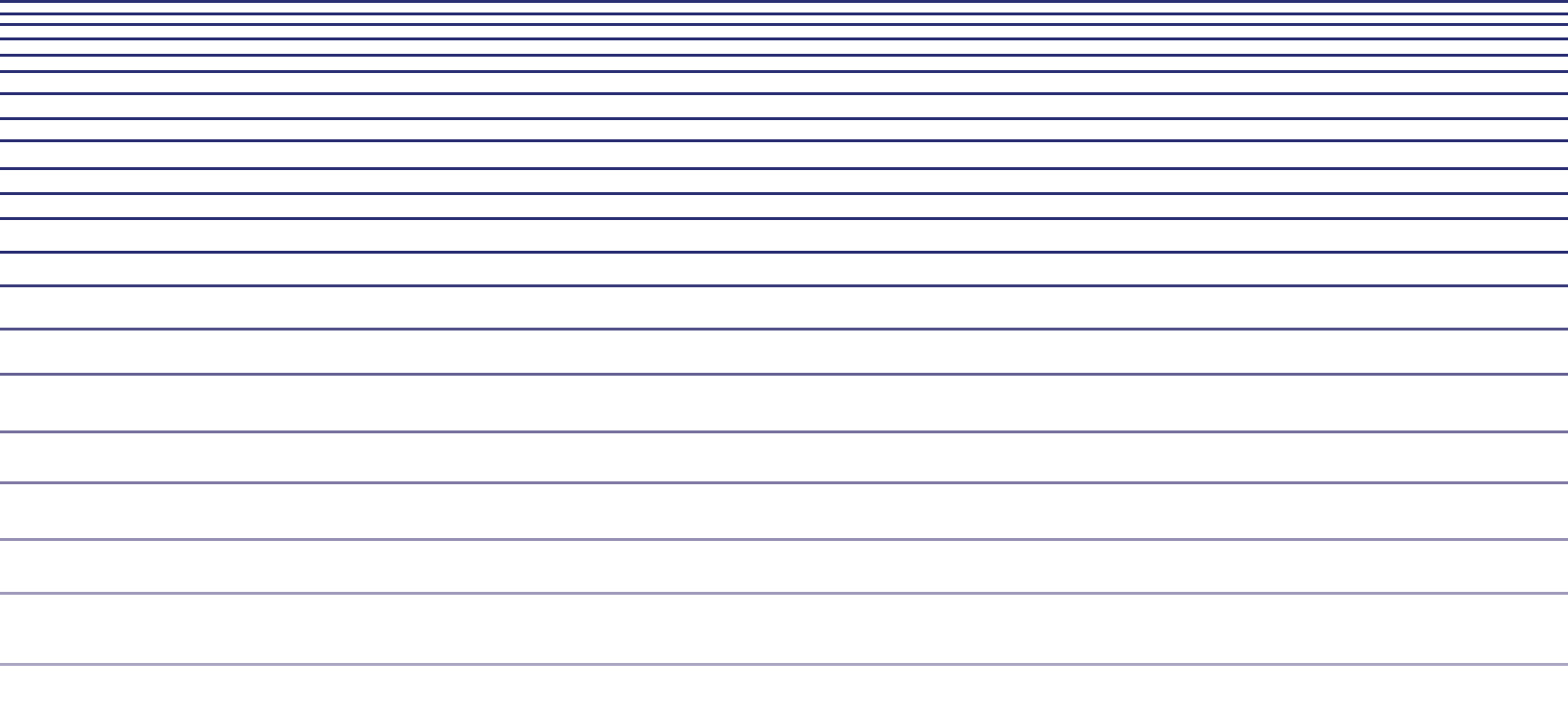



NEWFOIL

hot stamping & die cutting machines



EASE OF OPERATION
ACCURACY
RELIABILITY
VERSATILITY
DESIGN
DURABILITY



The 500 SERIES



NEWFOIL SSH



NEWFOIL TTC

Designed to meet the exacting demands of the commercial label printers, the 500 series of Newfoil presses are the result of many years of practical experience designing and manufacturing label presses, coupled with the latest technological advancements in materials and electronic engineering.

[EASE OF OPERATION]

Ease of operation is a fundamental part of the machine design, the ability to change from one job to another, knowing the machine will be consistent in performance year after year.

Operators love using the Newfoil presses, it takes all the guesswork and tweaking out of label production.

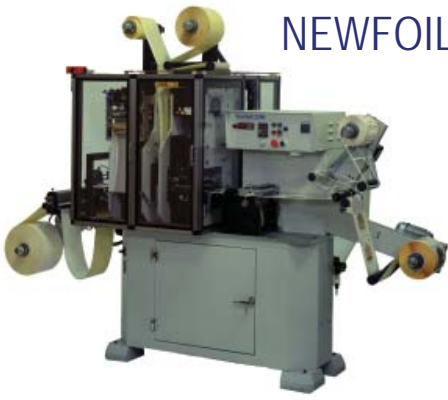
Service engineers like them because the build quality and design make servicing simple and infrequent. All the electrical equipment is the best available and designed for plug-in replacements in the rare event of failure.

[ACCURACY]

Our web draw unit is extremely accurate with a repeatability better than +/- 0.002" (0.05mm). This is achieved with a high resolution stepper motor and super accurate carbide sprayed draw roller assembly.

A vacuum tension system controls the web feeding through the machine and ensures easy and consistently accurate web tracking and tension, no matter what the roll size.

NEWFOIL 2500



NEWFOIL 3500



NEWFOIL 4500



NEWFOIL 5500



[RELIABILITY] [VERSATILITY] [DESIGN] [DURABILITY]

The nickel chrome steel crankshaft runs on six roller bearings, important for reliable die-cutting.

Versatility is a major feature of all Newfoil presses, and among the many options available are sheeting, rotary and razor slitting, computer hole punching, sequential numbering, digital re-registration, pin feed hole punching, hologram register systems, two sided printing, top and bottom laminating, and variable inline thermal transfer, ink jet, and laser printing.

All our machines have hard chrome plated rams for low friction and run on phosphor 8" diameter (200mm), bronze bearings for a long life.

The 500 series offers 6x6", 9x9", 11x9" printing/embossing and die cutting stations. Web widths vary from 7 to 13".

Based on a unique cylindrical ram design, using carefully specified materials and surface finishes, the stamping and die cutting units are capable of producing the massive tonnage required for heavy duty production over many years of use.

Newfoil Machines are of steel construction with little use of aluminium, except in lightly stressed areas, making the machines much more durable and stable. This is important for accurate die-cutting and stamping under any load, but vital when using multi-up cutters and when converting difficult materials such as polyester (Mylar) and polycarbonate.





There are over 1000 Newfoil machines installed world wide

specifications

	2500 SSH	2500 TTC	2500	4500	3500 SSH	3500 TTC	3500 STANDARD	3500 WW	5500 STANDARD	5500 WW
Configuration	1 Print Station	1 Cut Station	1 Print & 1 Cut Station	2 Print & 1 Cut Station	1 Print Station	1 Cut Station	1 Print & 1 Cut Station	1 Print & 1 Cut Station	2 Print & 1 Cut Station	2 Print & 1 Cut Station
Web Width (maximum)	7"	7"	7"	7"	10"	10"	10"	12" - 13"	10"	12" - 13"
Web Width (minimum)	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Printing and Die Cutting Width	6.29"	6.29"	6.29"	6.29"	9"	9"	9"	11"	9"	11"
Printing and Die Cutting Legnth	6.29"	6.29"	6.29"	6.29"	9"	9"	9"	9"	9"	9"
Roll Diameter Rewind (maximum)	18"	18"	18"	18"	18"	18"	18"	18"	18"	18"
Roll Diameter Unwind (maximum)	20"	20"	20"	20"	20"	20"	20"	20"	20"	20"
Lamination Roll Diameter	16"	16"	16"	16"	16"	16"	16"	16"	16"	16"
Core diameters - standard	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"
Foil Roll	1000' Rolls	1000' Rolls	1000' Rolls	1000' Rolls	1000' Rolls	1000' Rolls	1000' Rolls	1000' Rolls	1000' Rolls	1000' Rolls
Printing Tooling Height (maximum)	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"
Cutter Height (Maximum)	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Registration Accuracy	+/- 0.002"	+/- 0.002"	+/- 0.002"	+/- 0.002"	+/- 0.002"	+/- 0.002"	+/- 0.002"	+/- 0.002"	+/- 0.002"	+/- 0.002"
Dimensions	90 x 43 x 70"	98 x 43 x 70"	87 x 43 x 70"	100 x 43 x 70"	98 x 47 x 70"	110 x 47 x 70"	100 x 48 x 70"	100 x 48 x 70"	118 x 48 70"	118 x 48 70"
Mass/Weight	1650 lbs	1650 lbs	2200 lbs	3000 lbs	2200 lbs	2200 lbs	2900 lbs	3100 lbs	4000 lbs	4200 lbs
	2500 SSH	2500 TTC	2500	4500	3500 SSH	3500 TTC	3500 Standard	3500 WW	5500	5500 WW
Web Width (maximum)	175mm	175mm	175mm	175mm	250mm	250mm	250mm	305mm	250mm	305mm
Web Width (minimum)	13mm	13mm	13mm	13mm	13mm	13mm	13mm	13mm	13mm	13mm
Printing and Die Cutting Width	160mm	160mm	160mm	160mm	230mm	230mm	230mm	279.4mm	230mm	279.4 mm
Printing and Die Cutting Legnth	160mm	160mm	160mm	160mm	230mm	230mm	230mm	230mm	230mm	230mm
Roll Diameter Rewind (maximum)	457mm	457mm	457mm	457mm	457mm	457mm	457mm	457mm	457mm	457mm
Roll Diameter Unwind (maximum)	508mm	508mm	508mm	508mm	508mm	508mm	508mm	508mm	508mm	508mm
Lamination Roll Diameter	406mm	406mm	406mm	406mm	406mm	406mm	406mm	406mm	406mm	406mm
Core diameters - standard	76mm	76mm	76mm	76mm	76mm	76mm	76mm	76mm	76mm	76mm
Foil Roll	304m Rolls	304m Rolls	304m Rolls	304m Rolls	304m Rolls	304m Rolls	304m Rolls	304m Rolls	304m Rolls	304m Rolls
Printing Tooling Height (maximum)	25mm	25mm	25mm	25mm	25mm	25mm	25mm	25mm	25mm	25mm
Cutter Height (maximum)	13mm	13mm	13mm	13mm	13mm	13mm	13mm	13mm	13mm	13mm
Registration Accuracy	+/- .05 mm	+/- .05 mm	+/- .05 mm	+/- .05 mm	+/- .05 mm	+/- .05 mm	+/- .05 mm	+/- .05 mm	+/- .05 mm	+/- .05 mm
Dimensions	230 x 110 x 180cm	230 x 110 x 180cm	220 x 110 x 180cm	255 x 11 x 180cm	250 x 120 x 180cm	280 x 120 x 180cm	250 x 120 x 180cm	250 x 120 x 180cm	300 x 120 180cm	300 x 120 180cm
Mass/Weight	750 kg	750 kg	1000 kg	1400 kg	1000 kg	1000 kg	1350 kgs	1400 kg	1800 kg	1850 kg
	2500 SSH	2500 TTC	2500	4500	3500 SSH	3500 TTC	3500 Standard	3500 WW	5500	5500 WW
Approval	CE	CE	CE	CE	CE	CE	CE	CE	CE	CE
Compressed Air Requirements for Sheeter	80 psi	80 psi	80 psi	80 psi	80 psi	80 psi	80 psi	80 psi	80 psi	80 psi
Speed - Variable (Maximum) *impression per hour	9000 p/h	9000 p/h	9000 p/h	9000 p/h	9000 p/h	9000 p/h	9000 p/h	9000 p/h	9000 p/h	9000 p/h
Power Requirements	5.5 Kw @ 200-240 v	3 Kw @ 220-240 v	5.5 Kw @ 220-240 v	7.5 Kw @ 220-240 v	5.5 Kw @ 200-240 v	3 Kw @ 220-240 v	7.5 Kw @220-240 v	7.5 Kw @220-240 v	10 Kw @ 220-240 v	10 Kw @ 220-240 v
	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	50-60Hz	50-60Hz	50-60Hz	50-60Hz