Established 1902
Northern machine works

DFL-500

Coat/Foil/Laminator



DFL-500 with standard stand

FEATURES

- *3-in-1 solution*
- *Dust Removing System*
- *De-Curling System*
- *Auto Film Slitting and Cutting System separates laminated sheets*
- *Two-piece design for easy film setup and removal*
- *Automatic Air Suction Feeder for unattended operation*
- *Handles up to 13" width sheets (12.6" of film coverage) and paper weights up to 400 gsm*
- *Thermal Roller heats up in 4 minutes*
- *Ideal for in-house print shops and digital printers*

[DRY COAT]



BEFORE AFTER

[FOIL]



The DFL-500 delivers a multi-purpose solution for print embellishment with the capability to dry coat, foil, and laminate in a single machine. Compact and easy to use, the DFL-500 utilizes a ceramic thermal roller and a heat control system to precisely apply the desired film on top of the sheet.

DFL-500 coat/foil/laminator

For **gloss dry coating**, the DFL-500 utilizes a specially-designed formulated film that applies full coverage on a full sheet of paper. The gloss film has two layers, the top and a bottom layer adhesive. When the film runs through the heat roller, the adhesive is melted and applied to the sheet. Dry coating can substitute a traditional UV coating machine as it is much easier to clean and use without the hassle of cleaning hoses and rollers.

Foiling on the DFL-500 is quick and efficient. It produces professionally "printed" foiled documents for an impressive and high quality appearance. Without the need of investing in individual foil stamp dies, the DFL-500 uses a unique adhesive foil that sticks onto the toner used in most presses. Speed and heat settings can be adjusted to let users customize the machine to the need of their specific application for more versatility.

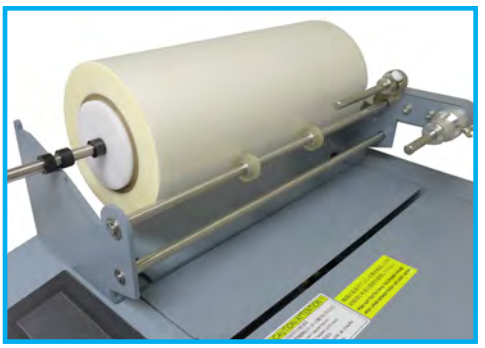
Laminating (gloss and matte) has also never been easier with the DFL-500. It automatically feeds, laminates and separates digital prints with no user intervention required. The heated rollers allow for crystal clear, scratch free lamination. It comes equipped with a side trimmer to cut the width of the film and an automatic side-to-side flying knife separator system, which allows the use of both OPP and PET-based films, for precise flush cutting and overlap. It also comes standard with a dust removing system and a de-curling system which are only seen on more expensive, high production laminators.

Loaded with features and capabilities, the DFL-500 is the ultimate all-in-one machine for the on-demand market. Printers can eliminate outsourcing and produce an array of embellished applications in-house!

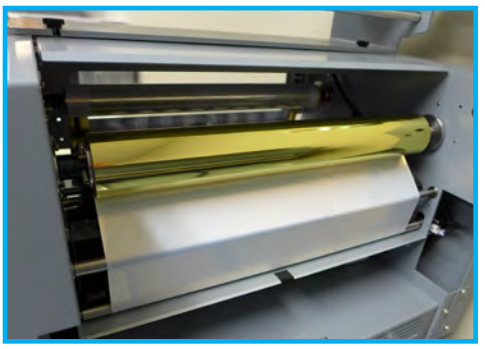
SPECIFICATIONS

Feed System	Upper belt air suction automatic feeder
Coating Mechanism	Heat Roller System (194-320°F)
Paper Size	Laminate: Min. 8.3" x 11.7" Max. 13"x 24" Foil: Min. 5.8" x 8.3" Max. 13" x 24"
Paper Weight	110 - 400 gsm
Speed	Max. 15 ppm
Functions	Dry coating, foiling and laminating
Dimensions	52" (W) x 22" (D) x 17" (H)
Net Weight	137 lbs. (62.1 Kgs)
Power	110-115 VAC 7 AMPS
Features	Standard de-curler and dust remover

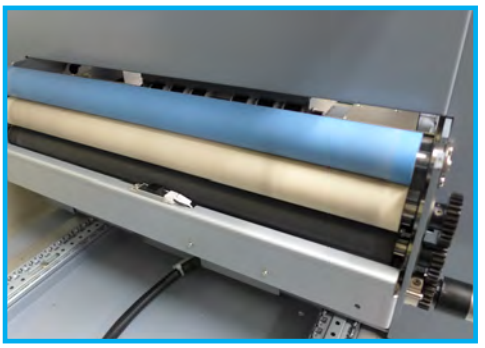
Production rates are based upon optimal operating conditions and may vary depending on stock and environmental conditions.
As part of our continuous product improvement program, specifications are subject to change without notice.



Laminate with gloss or matte film



Adhesive foil rolls eliminate the need for foil stamp dies (Available in gold and silver)



Dust and de-curling rollers keep sheets flat



Automatic sheet feeding system

Established 1902
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