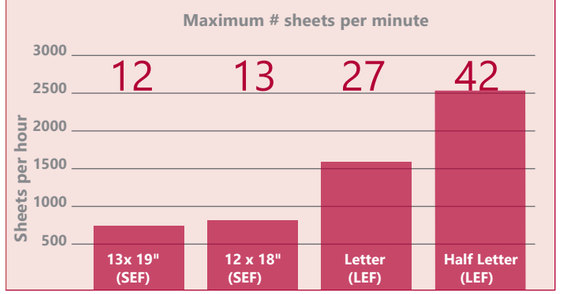
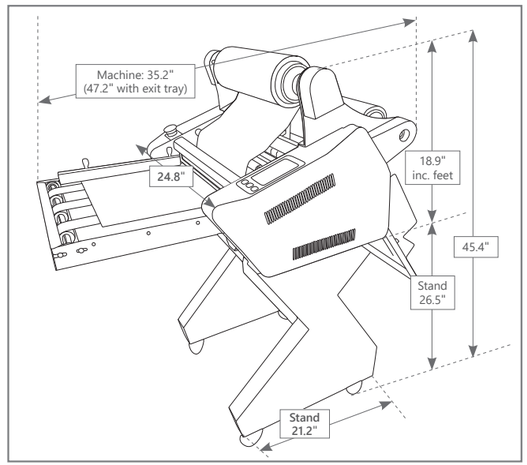
Technical Specification

Morgana CF400 Laminator and Foiler	
Media sizes	Max: 13" x 47"
Media thickness	150gsm to 350gsm
Lamination speed	0.5m/min ~ 6m/min
Laminating temperature	Top roller max: 266°F I Bottom roller max: 176°F
Laminate/Foil thickness	17 to 48 micron
Heating mode	Infrared heater
Rollers - upper and lower	Silicon rubber
Roller pressure - electromechanical	120kg to 240kg - 6 levels electronic adjustment
Laminate/Foil core size and roll width	Core: 3" (76mm) and 1" (25.4mm) I Roll width max: 13.3"
Power Supply	220-240v~, 50/60Hz, 1500W (1.5kW)
Dimensions W D H	Machine: 24.8" × 35.2" × 18.9" Stand (optional): 21" × 21.2" × 26.5"
Weights	Machine: 110lb I Stand (optional): 31lb

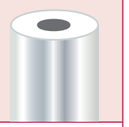
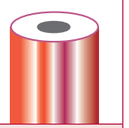
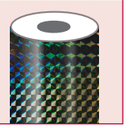
Speed/Performance Chart



Speeds reflected are maximum and may change according to media used.



A growing range of consumables...*

Lamination films Finishes include: gloss, matt and silk touch, for litho and digital print. Digital laminates are corona-treated for over-printing to add foil and film effects.	
Foil flaring films Available in a growing range of colours including: gold, silver, rose gold, copper, red, green, blue, black, white and clear gloss. All can be applied direct to print.	
Holographic flaring films Such as: sparkle, crystal, carbon fibre... Perfect for adding premium effects to print. *See consumables support sheet.	

Plockmatic Group

morgana

Morgana CF400
Foiling and Lamination

colorflare

www.plockmaticgroup.com

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***Disclaimer** As part of our continued product improvement plan, specifications and information published here are subject to change without notice. All specifications are dependent on application, type of stock, temperature, RH and print engine used. Specifications quoted were measured on uncoated and unprinted stock. E & OE.

BM_BCF_8.5 x 11_4PP_CF400_US_V2

Add **stunning decorative effects** to your printed sheets with the ColorFlare **CF400**.

The ColorFlare CF400 model delivers mirror finish metallic foiling, lamination and holographic effects – direct from your desktop! It is a compact, dual laminator and foil flaring device, designed to offer an in-house decorative effects solution for short-run, on demand digital applications at class leading affordability.

Raising ordinary print work to 'extra-ordinary'. ColorFlare has been developed to meet specific print finishing requirements and built to exacting technical standards – with fully controllable pressure and heat processes, devised to deliver optimum results with today's digital print output. Both lamination and flaring-film rolls are available in a choice of widths and lengths to deliver great value for cost-effective production.

Market leading features

- Dual roll system with input for lamination, film and foil for digital applications including rewind/waste spool roll for recovery of foil and holographic films
- Produce multiple jobs and flaring effects with just 1 machine
- Powerful 240kg, electronic pressure control for a smooth finish
- Semi-auto belt feed tray
- Auto-stop media sensing - prevents waste
- De-curl bar for flat sheet results
- Air blade media cooling for a superior sheet finish
- Media catch tray

Rubber rollers ensure mirror finish results and wide media spectrum

Laminates | Foils | Holographic fx

*Optional stand

Morgana CF400

Stunning foil flaring

For printers aiming to achieve stand out results, the CF400 delivers a class leading mirror finish on digitally printed sheets. Instantly and affordably apply colored metallic, patterned and holographic foils to digital prints, without custom dies. This decorative technique, known as 'flaring', traditionally required expensive custom dies but ColorFlare makes it accessible to everyone and across a wide range of media. Even more advanced effects can be achieved by combining special corona-treated laminates with decorative effect flaring foils. These clever compound treatments produce ultra-premium results - all from one compact device! With fully adjustable heat, pressure, and speed settings, the CF400 ensures precise control for stunning decorative results.

Unique visual and tactile decoration

We offer a range of specially formulated digital laminates, with high bonding strengths and featuring advanced corona treatment, for seamless overprinting through digital devices. This enables enhanced decorative effects by combining lamination with foil flaring for unmatched results!

Dual-roll system

The dual-roll system includes one input and one rewind spool holder. The input roll holder supports both laminates and foils with adjustable fittings for standard 3-inch and 1-inch cores. Once loaded, this compact unit features a short webbing path, directing foil waste to the rewind spool during foiling applications.

De-curl bar

The de-curl bar controls media tension to help eliminate curl during lamination. In position 1, it can also be used for foiling, extending foil contact time for improved results.

Super powerful electronic pressure control

The CF400 features the highest mechanical pressure in its class, with a fulcrum-based electronic pressure system delivering 120kg to 240kg of pressure across 6 levels, adjustable in 24kg increments via the versatile touchscreen user interface.

Air blade cooling

Purpose built for both foiling and lamination, the CF400 features an innovative air-blade that cools media temperature after the heat roller - enhancing foil adhesion, broadening media compatibility and improving overall foil finish.

Productive and efficient

With production speeds ranging from 0.5 to 6 meters per minute, the CF400 stands out as one of the most effective foiling and laminating systems in its class.

Media sensing

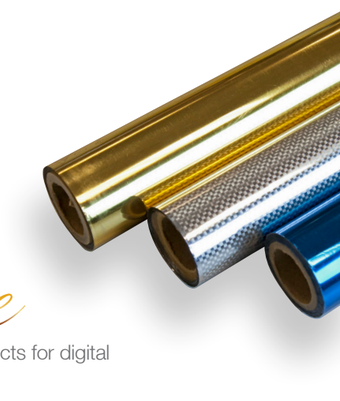
The media-out sensor automatically stops the CF400 when sheets are not detected, preventing waste and ensuring laminates do not stick to the rollers if the machine is left unattended.

Touch screen control

The integrated touch screen provides an intuitive, visually driven control system with a wide range of advanced features for enhanced management and heated roller temperature control.

One compact device

The flexibility to create and control stunning effects from just one compact device will lift ordinary print work to the level of extra-ordinary – and offers an even greater return on investment.



colorflare
Decorative effects for digital