



DigiCoater Pro 400
Flat Sheet Coater LED-UV | Cold UV

DigiCoater Pro 400 with VFX or VFL Feeder

Morgana DigiCoater Pro 400

UV coating gives the perfect finish that **enhances, protects** and **adds value** to your printed sheets.

UV Coating is rapidly being adopted as a means to enhance, protect and add value to your digital and litho printed documents. The application of a gloss UV Varnish can be used to enhance the print quality, making colours appear richer and more vivid, as well as offering protection for documents being frequently handled.

UV Coating is widely considered as being a more environmentally friendly alternative to lamination as virtually no waste is produced in the production process. Unlike laminated stocks, which normally should be treated as plastic waste, UV coated stocks can be disposed of, or recycled as normal printed paper would be.

Features and Benefits

- Rub resistance – provides a more robust finish when the stock needs to be handled often, or pass through other finishing or mailing systems
- High speed – up to 45m/m on CUV and LED systems, with option to add 2nd lamp to increase speed
- Suitable for inline and offline applications
- Duplex coating option available
- Optional automatic feeding and stacking units available
- Lowest cost per sheet achievable on any machine in its class. Coated sheets are a fraction of the cost of laminated sheets
- Optional unique IR lamp system necessary for typical wax based toner
- Low coating coverage needed in order to complete the curing process, only 2 to 5 g/m²
- 40% less power needed in order to cure compared to open lamp systems
- Up to 45 metres per minute dependant on stock and type of print



Unique curing process

Morgana LED-UV & CUV coaters have removed the risk involved with high temperature conventional UV coaters, eliminating the risk of scorching any substrates. The 'sleep mode' brings the power consumption of the lamps down by 70%. All unpleasant odours on the substrate or the machine are eliminated. The large diameter rollers and optional fluid pre-heating provide a superior finish.

Once coated, the stock is delivered at room temperature - so there is limited distortion or shrinkage of the sheets.

VFX Feeder Key Features

- Up to 5400 sheet capacity
- Two tray configuration allows for uninterrupted job production
- Adaptive Fan Control automatically adjusts air flow for varying media
- Advanced double sheet detection with infrared and ultrasonic sensors
- Max sheet size 356 x 660mm
- Supports media up to 350gsm



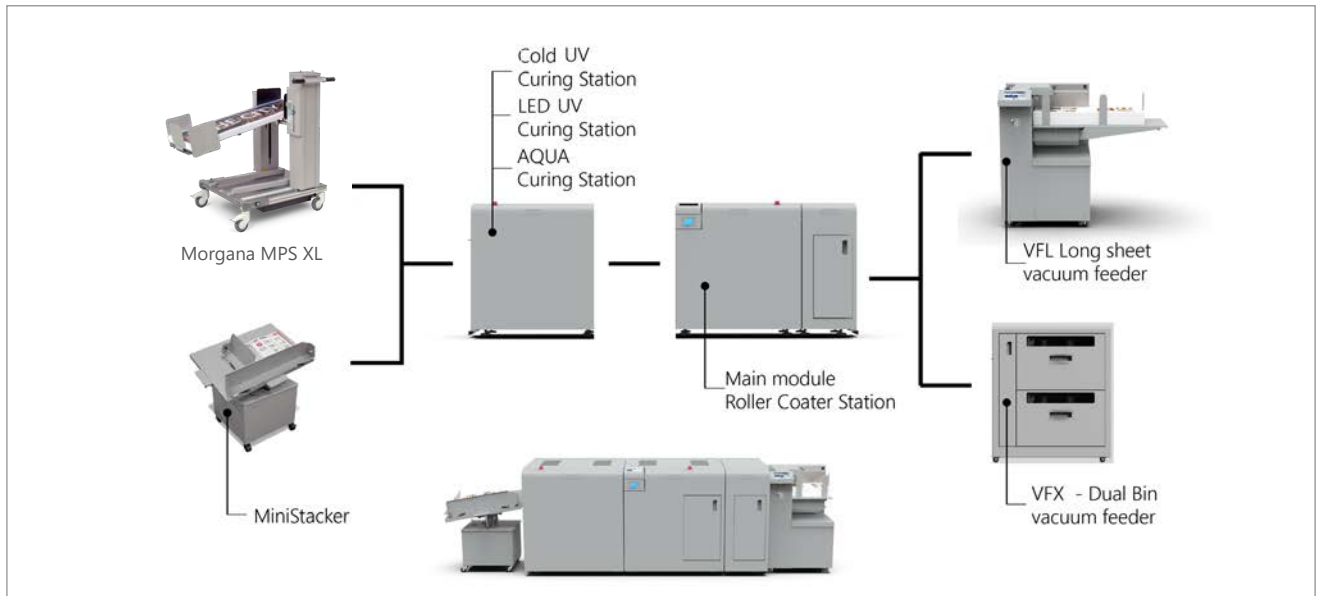
VFL Feeder Key Features

- Up to 2000 sheet capacity
- Adaptive Fan Control automatically adjusts air flow for varying media
- Advanced double sheet detection with infrared and ultrasonic sensors
- Max sheet size 385 x 1300mm (380 x 720mm when connected to the DigiCoater Pro 400)
- Up to 600 gsm dependant on machine configuration and stock

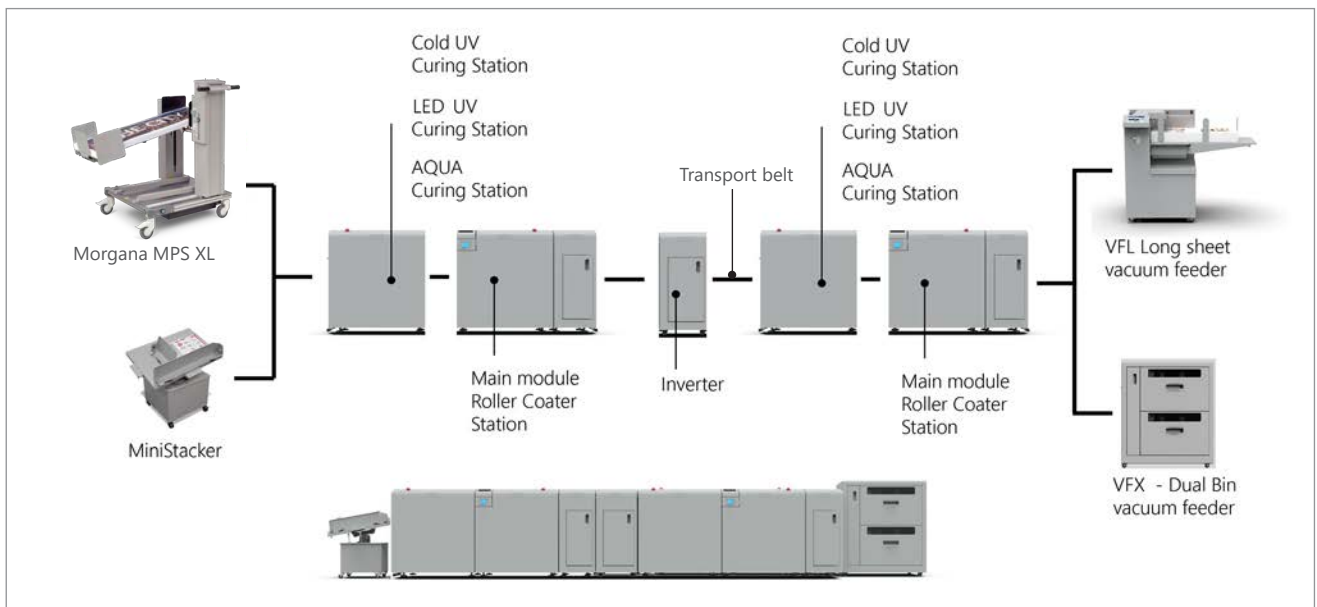


DigiCoater Pro 400 - configurations

Configuration Options – Single side



Configuration Options – Double sided



Morgana Mini Stacker

The **Morgana Mini Stacker** is a simple and cost-effective way of stacking the finished sheets for shorter runs. Once filled, it can be easily wheeled away to another location ready for finishing.



Morgana MPS XL

The **Morgana MPS XL** Multi Purpose Stacker is a flexible, cost effective stacking solution. The simple docking/undocking system enables easy transportation, while the motorized Stacking Table makes it easy to lift and transport long sheets as easy as standard size. It can also stack standard paper sizes and offers a unique combination of features, (stacking, lifting, and transporting).



Technical Specifications

Morgana DigiCoater Pro 400 CUV

Paper Size (Minimum)	W100mm x L250mm
Paper Size (Maximum)	W380mm x 720mm
Supported Media	150 - 600gsm
Speed per min (UV)	20-45 meters
Lamp technology	Enclosed Cold UV Quartz with constant PLL controlled cooling
Lifetime Cold UV bulb or lamp	1,500 hours
IR Station	optional
HD function	optional
Applied coating	2-5 g/m ²
Voltage	3 x 400 V + N + G (EU)
Amperage	20 amp - 400 V (EU) / 32 amp
Air knife	standard
Certifications	CE - ETL - UL/ULC (in progress)

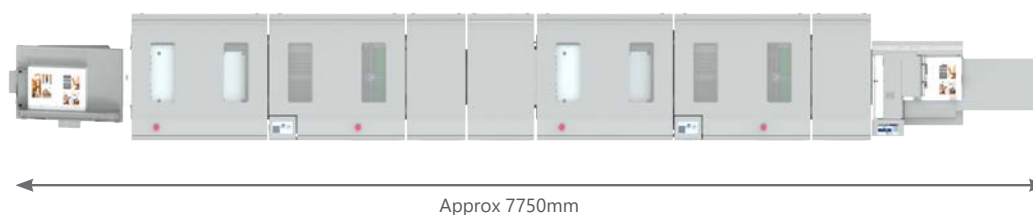
Morgana DigiCoater Pro 400 LED-UV

Paper Size (Minimum)	W100mm x L250mm
Paper Size (Maximum)	W380mm x 720mm
Supported Media	150 - 600gsm
Speed per min (LED)	20-45 meters* (High speed option available*)
Lamp technology	Air Cooled LED
Lifetime LED	20,000 hours on diodes
IR Station	optional
HD function / Module	optional
Applied coating	2-5 g/m ²
Voltage	3 x 400 V + N + G (EU)
Amperage	20 amp - 400 V (EU) / 32 amp
Air knife	standard
Certifications	CE - ETL - UL/ULC (in progress)

Single sided coating system with VFL feeder and mini stacker



Double sided coating system with VF feeder and mini stacker



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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.