



DigiCoater Pro 400  
Flat Sheet Coater HD-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 cold UV 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/m<sup>2</sup>
- 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 HD-LED-UV & Cold UV 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



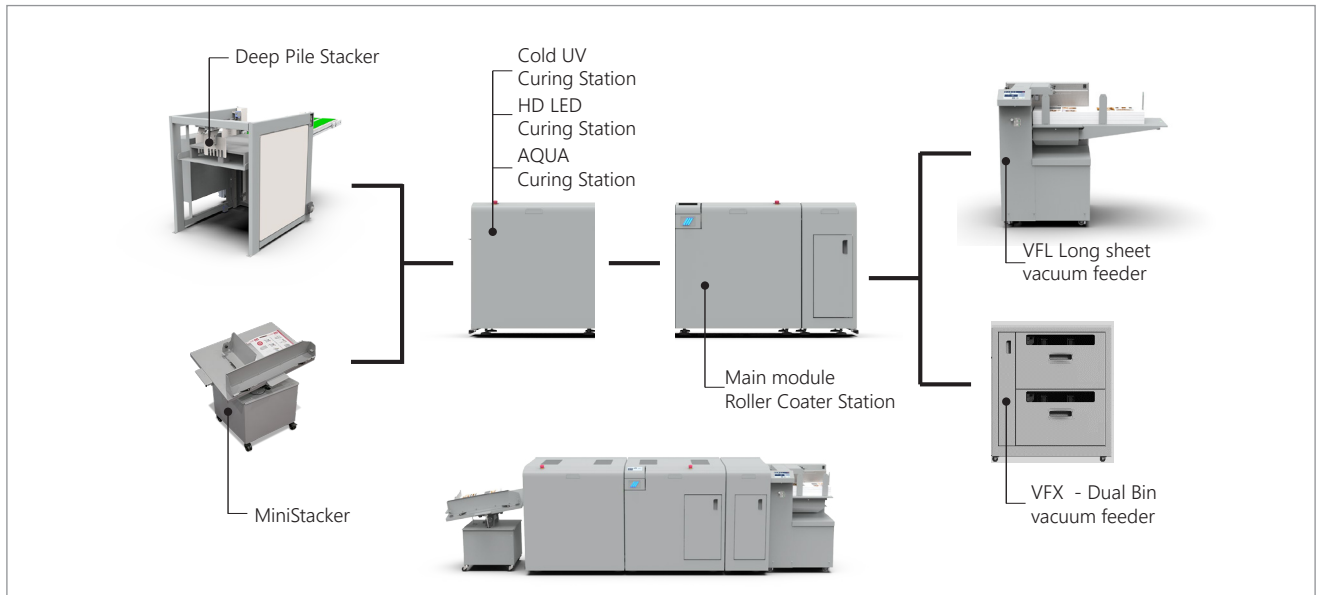
### VFL Feeder Key Features

- 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

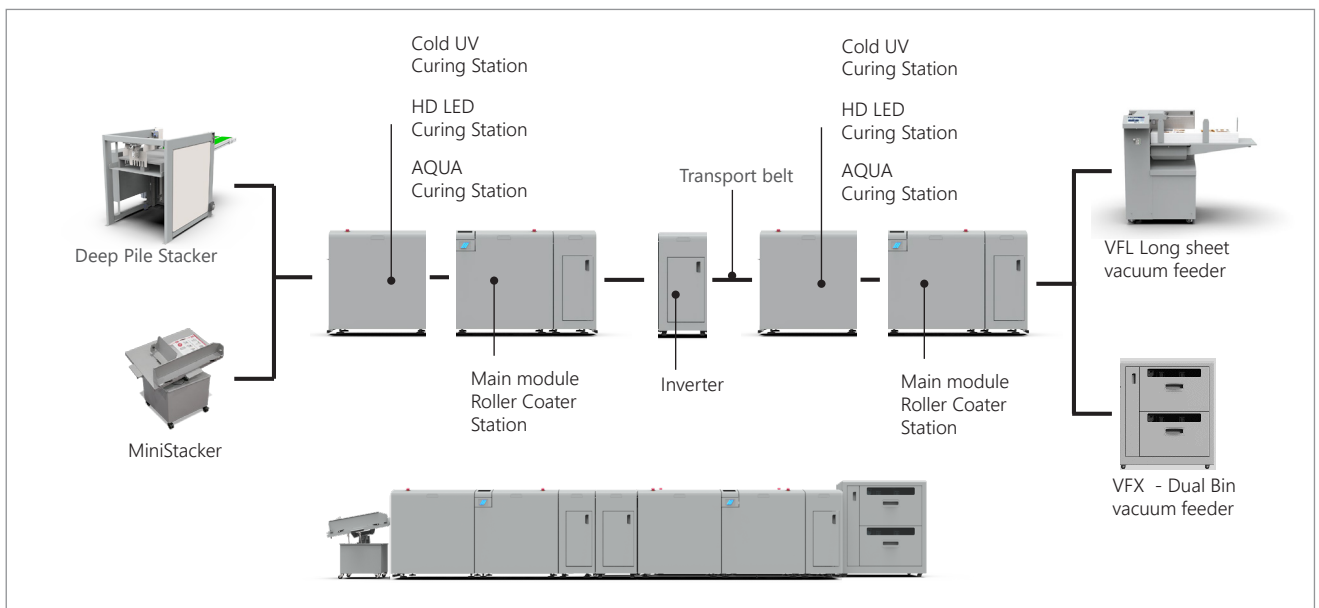


# DigiCoater Pro 400 - configurations

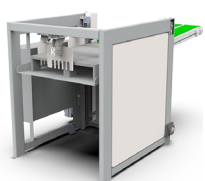
## Configuration Options – Single side



## Configuration Options – Double sided



### Deep Pile Stacker and Trolley



The deep pile stacker is the production option for customers with longer run lengths, stacking up to 5400 sheets. The trolley design simplifies transporting of the finished stack to the next step in the finishing process

### 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 move the job to another location for the next step in the finishing process.



# Technical Specifications

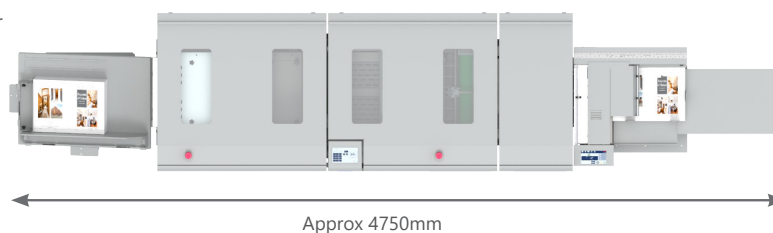
## Morgana DigiCoater Pro 400 CUV

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 <sup>2</sup>
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)

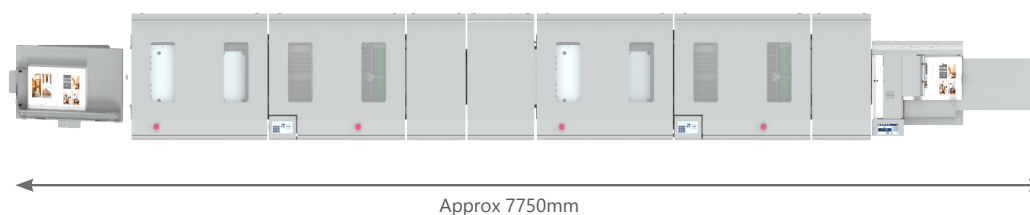
## Morgana DigiCoater Pro 400 HD-LED-UV

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 <sup>2</sup>
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.