

# Ultra 1000A

## 750mm UV/AQ/Priming Coater

SPECIFICATIONS		
	Ultra 1000A In-line (with Bridge+ST-1000 Stacker)	Ultra 1000A Near-line (with SF-1000 Feeder + ST-1000 Stacker)
MAX. SPEED	45 meters/min	45 meters/min
MAX. PAPER SIZE.	W750 mm x L 530 mm	W750 mm x L 530 mm
PAPER THICKNESS	0.12mm with Long Grain Feed	0.12mm with long Grain Feed
PAPER WEIGHT	150-600 gsm	150 - 600 gsm
POWER REQUIREMENT	380~415VAC, 50HZ, 55A	380~415VAC, 50HZ, 55A
FOOTPRINT (L x W x H)	458 cm x 132 cm x 131 cm	440 cm X 132 cm x 131 cm
WEIGHT	1155KG (720KG +85KG+ 350KG)	1420KG (720KG+ 350KG+ 350KG)

SF-1000 FEEDER & ST-1000 STACKER SPECIFICATIONS		
	SF-1000 Feeder	ST-1000 Stacker
SPEED	45 meters/min	45 meters/min
CAPACITY	78CM Height	78CM Height
PAPER SIZE	W750 x L530mm	W750 x L530mm
POWER REQUIREMENT	220VAC, 50/60HZHZ, 3A	220VAC, 50/60HZHZ, 3A,
DETECTION FUNCTION	Double Detector	
WEIGHT	350KG	350KG
FOOTPRINT (L x W x H)	140 cm x 132 cm x 131 cm	140 cm x 132 cm x 131 cm



As part of our continuous product improvement program, specifications and descriptions are subject to change without notice.

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# Ultra 1000A

## 750mm UV/AQ/PRIMING COATER

An In-line and Near-line Coating Solution for Digital Printers



# An In-Line & Near-Line UV-AQ-Priming Solution for Digital Printers!

*Adding to the growing line of Ultra UV Coaters, the Ultra 1000A provides a solution that enhances the value and vibrancy of printed pieces at higher speeds and comes standard with a bridge unit – enabling it to receive output directly from a digital press!*

Heavy duty yet simple to use, the Ultra 1000A applies a high quality gloss, satin, matte, or soft-touch finish to a wide range of offset and digitally-printed applications, adding richness to its colors while protecting them from scratches and scuffs. Similar to other Ultra models, the Ultra 1000A features innovative technology for coating both sides of the sheet with a smear-free finish. Print providers can offer double the value by coating both sides of applications, such as direct mailers, brochures, business cards, book covers, and more.

With the bridge unit, printed sheets are delivered directly into the UV Coater, increasing overall productivity. The bridge unit accommodates the heights of most digital presses. With a coating speed of up to 45 meters per minute, the Ultra 1000A can accommodate the output speed from most digital presses and process a variety of paper sizes up to 750 x 530mm, up to 600 gsm.

For near-line feeding, the Ultra 1000A model is also available with the high capacity SF-1000 Air Suction Feeder and ST-1000 stacker. High in automation and loaded with features, the Ultra 1000A provide the ideal UV coating solution for any digital print environment!



*The Infrared Heating System helps cure the water-base and soft-touch varnishing*

## In-Line with HP Indigo 12000

The Ultra 1000A is fully compatible and connectable in-line with HP Indigo 12000 Digital Press, providing a seamless and automated printing and UV/AQ/Priming solution. The electronic interface provides bi-directional communication that alerts both the press and the UV coater to stop in the event there is a paper jam on either end.

## Intelligent Control System

With its state-of-the-art intelligent control system, minimal operator experience is required as the Ultra 1000A can be programmed quickly and easily. With the touch of a button, the entire machine is turned on in a programmed sequence. Coating speed, pump speed, cleaning and IR functions are all set from the intelligent control panel. The coating volume and roller gap can be adjusted in 0.1 mm increments using the two index dials.

## Operator Safety

The Ultra 1000A, Inline Bridge, SF-1000 Air Suction Feeder, ST-1000 Stacker and Flipper FL-1000 are CE certified and provide the utmost safety for operators at all times. Safety sensors fitted near the delivery tray and before the UV chamber shut the machine down when a paper jam occurs. As the sheets are cured by the UV lamp and delivered into the exit tray, the UV lamp's ventilation draws out heat from the main chamber, providing a safe operating temperature.



*The Auto Gap prevents excess coating from smearing. The roller gap dials can be adjusted in 0.1mm increments.*

*Designed to coat digitally and offset printed documents, the Ultra 1000A is ideal for:*

- Book covers
- Postcards
- Business cards
- Brochures
- Calendars
- Announcements
- Displays
- Posters
- Photos
- And much more!



## UV/AQ/Priming Switchable

Extra cleaning roller design makes coating, priming, AQ, and soft-touch job from one to another is very easy

## Auto Paper Thickness Adjustment

Auto Gap design prevents damage to the roller if the machine is not running. After doing a one-time adjustment, the coater will automatically adjust to different paper thicknesses.

## Emulate Close Chamber Scraper System

4 pumps system makes varnishing supply, circulation and cleaning simple, and limit Water-Base varnishing dry out

## Smearing Free Auto Gap Design

Prevents excess coating from smearing to the backside of the print. The applicator and impression rollers engage only at the start and end of the sheet, ensuring a smear-free and clean finish on both sides. The rollers automatically disengage when there are no sheets or when not in use, preventing indentations or flat spots on the roller or print. This will also leave the roller clean and coating piece semaring-free.

## Superior Finishing Result

The Ultra 1000A delivers vibrant, UV coated applications in an instant. Coating is evenly distributed before passing under the UV lamp – providing a superior glossy finish. The self-centered and self-tensioning conveyor ensures all sheets are delivered consistently flat and straight throughout the process. With the added power of the UV lamp, the gloss coating will cure faster, leaving a consistent finish with a superior gloss meter reading.

## Using HP Feeding/Stacking Pallet Direct

Directly use HP Indigo 10000/12000/30000 series stacking pallet into SF-1000 pile feeder and ST-1000 pile stacker for off line job

## Integrate with Corona System for Priming Job

PVC sheet, Synthetic paper and Metallic paper needs Corona and Priming before put it onto HP Indigo to print

## In-line with Flipper for Duplex Application

Innovative FLIPPER design makes double side coating with smearing free and scratch more efficient for photo book industry



**Duplex System- 2 Pass**



**Off line System**