

ULTRA 100A UV COATER

ULTRA 100A UV COATER SPECIFICATIONS

Coating Speed	33 feet per minute
Paper Thickness	120 - 350 gsm
Paper Size	Up to 20" x 13"
Standard Features	Auto gap (prevents coating from smearing onto backside); hand-feed tray; self-cleaning; infrared heater; wraparound detection; jam detection; precise roller gap indicator
Weight	1,062 lbs./482 kg with air-suction feeder
Power	220VAC 50/60 Hz Single Phase 15A
Dimensions (LxWxH)	102" x 36" x 48" with air-suction feeder

SF-200 AIR SUCTION FEEDER SPECIFICATIONS

Speed	Up to 66 feet per minute
Stacker Capacity	7.5" or 70.5 lbs.
Feed Process	Top feed air suction belt
Counters	Total, batch
Paper Sizes	8.5" x 11" to 20" x 20" (max paper length of 28" with optional extended tray-feeder capacity will be limited to 3")
Detection Functions	Double sheet detector
Weight	225 lbs.
Power	115/230V 50/60Hz 1.9A
Options	Extended feed tray

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

ULTRA 100A

UV COATER

Affordable, High-Quality Document Coating on Demand



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Affordable UV Coating for Offset and Digitally Printed Documents!

Processing 13" paper widths up to 33 feet per minute, the Ultra 100A provides a high-featured UV coating solution for short volume demands.

Compact, economical and easy to operate, the Ultra 100A applies a glossy or satin finish to a wide range of offset and digitally-printed applications, enhancing the richness of its colors while protecting them from scratches and scuffing. Configured with the high capacity SF-200 Air Suction Feeder, the Ultra 100A is similar to the Ultra 200A model and 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 direct mailers, brochures, business cards, book covers, and much more!

Productive and Simple

Setting up jobs on the Ultra 100A is quick and easy. Coating speed, pump speeds, cleaning and IR functions are all set from the key pad. The coating volume and roller gap can be adjusted in 0.1 mm increments using the two calibration dials. Additional features include:

- Auto gap prevents excess coating from smearing to the backside of the print
- Wraparound detection sensors prevent messy spills from the coating area
- Automated operation
 - Complete activation at the touch of a button
 - Intelligent Control System for automatic programming and adjustments



Simple to adjust coating roller gap dials by 0.1 mm

- Self-diagnostic tool helps operators troubleshoot the machine on their own
- Power save mode helps reduce its energy consumption when not in use, resuming operation in as quickly as 90 seconds
- Auto purge removes coating from the pipes thus minimizing cleaning solution consumption and coating contamination

The Ultra 100A comes configured with the SF-200 Air Suction Feeder. The SF-200 provides minimal reloading and increased productivity. With a 7.5" stack capacity, the SF-200 utilizes an air suction feeding system that feeds from the top of the stack to reduce marking on the sheets. The feeder automatically sets the gap between each sheet to ensure no sheets overlap while the double feed detection ensures the coating process stops when two or more sheets have been fed.

Superior Finish... On Both Sides!

The Ultra 100A 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. Other features include:

- Infrared heating system helps cure difficult stock with a glossy and smooth finish and delivers a consistent above 90 gloss meter reading (based upon certain laboratory conditions)
- Optional priming solution for improved ink transfer on pre-printed substrates, making the printed sheet more resistant to rubbing and effectively sealing the ink on the paper



Easy and clean UV oil drip tray removal

ULTRA 100A FEATURES

- Accepts wide range of paper stocks 120 - 350 gsm
- Precise roller gap indicator for easy job setup
- Auto gap prevents excess coating from smearing on document backside
- Self Diagnostic Tool allows operator self trouble shooting
- Infrared heater coats difficult stock with smooth and accurate finishes
- Easy, user-friendly operator control panel
- Wraparound detection sensors prevents messy spills from coating area
- The Ultra 100A comes configured with the SF-200 Air-Suction Feeder

The Ultra 100A offers unique capabilities for coating both sides of the document without any additional adjustments required. 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 is no sheet or when not in use, preventing any indentations or flat spots on the roller or the print.

Operator-safe

The Ultra 100A provides the utmost safety throughout the entire process with detection sensors in place for paper jams, overheating, open safety cover, and low coating. 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 safe operating temperatures at all times.

Designed to coat digitally and offset printed documents, the Ultra 100A is perfect for:

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



Ultra 100A + SF-200 Air Suction Feeder