

Spectra-Coat 40" UV Coater

[Spectra 40]

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The Spectra-Coat 40" UV Coater is available as a hand-fed unit or with an air feeder. A deep-pile outfeed stacker is also available. It runs up to one-quarter inch thick substrates, with an option of running up to 1 inch thick substrates.

Features

- UV and aqueous coating solutions for digital prints or offset output.
- User-friendly coater touch screen control panel.
- Coating system switches for fast and easy set up.
- Easy, fast roller change takes less than five minutes.
- Independent motors for coating rollers and conveyor belt for better finishes.
- Two UV pumps with segregated feed lines to the roller nip.
- One side infinitely variable metering roller and impression roller adjustments.
- Ridged polymer doctor blade for bottom roller cleanup, with easy removal for cleaning.
- Full recirculation pump system with multi-outlet spout optional.
- Large coating chamber for up to 3 - 5 gallon container storage.
- Vacuum hold down conveyor system for sheet flattening, to hold down thin stock.
- High velocity blower fan for cooling and exhausting of fumes and hot air.
- Easy access UV/IR lamp chambers for fast preventative maintenance.
- 300 watt per inch elliptically focused UV lamp with LOW/HIGH power settings.
- Three adjustable output 1,500 watt infrared lamps for curing aqueous coatings, adhesion enhancement of wax toner prints, and coating flow-out assistance.
- 3 roll roller coating system (1 Chrome Metering; 1 Chrome Doctor; 1 Specialized Rubber Applicator Roll)
- Aqueous and UV coating capabilities with purchase of additional rubber roller
- Easily removable applicator roller for change over from UV to aqueous coatings
- Closed loop coating recirculation system reduces the chance of cross contamination of coatings

(option of a dedicated wash tank and pump)

- Interlocking safety guards on covers and doors
- Adjustable head up to 3/8" substrate thickness, or optional adjustable head up to 7/8" thick
- Available with or without feeders and stackers (can be easily added in the future)
- Adjustable speed from 40 to 200 FPM
- Custom light shielding prevents light leakage and exposure from high intensity UV light.
- 3 x 1,500W infrared lamps for curing AQ coatings; adhesion enhancement of wax toner prints; and coating flow-out assistance.
- High and low wattage settings for the UV lamp (300 and 200 watts per inch)
- Safety switches with safety labels throughout the machine

Specifications

Speed	2000 Inches/Minute
Maximum Sheet Size	40" x 30" with feeder 40" x any hand fed inches
Mimimum Paper Thickness	100# Text
Power	208-240 V, 60 Hz, 115 A, 1Ø
Size	45" x 165" x 61"