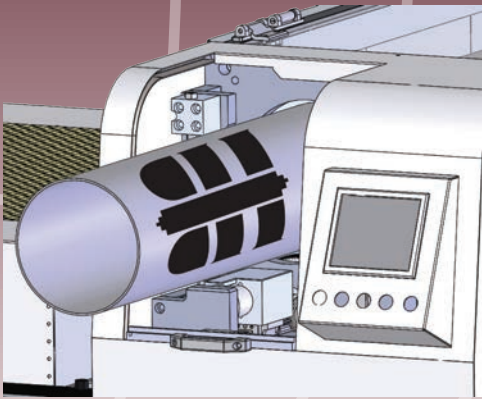


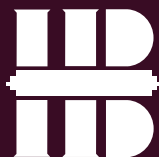
ExcelCoat ZRS

Fully-Automated Offline/Inline Spot and Flood Coating System



- Spot or Flood Coating
(Can do both on same machine)
- Quick Change Coating Sleeves
- AQ and/or UV Coatings & Primers
- Chamber/Anilox
- Camera Sensor Sheet Registration
- Offline or Inline
- Packaging or Commercial Applications

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ExcelCoat ZRS Specs

Fully Automated Offline/Inline Spot and Flood Coating System



| ZRS Coating Specifications | | |
|---|---|--|
| Types of Coating | Gloss UV, High Gloss UV, Matte UV, Specialty UV, AQ, Primer | |
| Viscosity | Up to 250 Centipoises | |
| pH | Standard Components work with a pH range of 6.0-9.8 Coating outside of this range may require stainless steel components | |
| Sheet Specifications | Spot Coat | Flood Coat |
| Min. Sheet Size (L x W) | 13" x 19" (330mm x 480mm) | 8" x 11" (200mm x 280mm) |
| Max. Sheet Size (L x W) | 24.5" x 30" (620mm x 760mm) Max. Spot Repeat Length: 24.5" | 30" x 30" (760mm x 760mm) 42" x 30" with optional Long Feeder |
| Min. Sheet Thickness | 0.004" (0.10 mm) caliper for UV & 0.006" (0.15 mm) caliper for AQ <i>*At reduced speed on coated paper stock</i> | |
| Max. Sheet Thickness | 0.024" (0.61 mm) | |
| Max. Coating Width | 30" (770 mm) | |
| Speed Specifications | Spot Coat | Flood Coat |
| Max. Speed <i>*Specialized coatings or substrates may require reduced speeds</i> | 20" x 30" sheet = 4,000+ SPH 13" x 19" sheet = 5,000+ SPH Registration Accuracy: - +/- .032" (+/- 0.8mm) or less | 8" x 11" sheet = 12,700 SPH 20" x 30" sheet = 6,300 SPH |
| Set-Up and Clean-Up Time | | |
| Automated Set-up Time | 5 Minutes | |
| Automated Wash-up Time | 10 Minutes | |
| Types of Cleaning Fluid | UV & AQ Wash | |
| Power / Air / Venting Requirements | | |
| Power | 480 VAC, 27-116 Amps (depending on options), Three Phase (or) 400 VAC, 33-139 Amps (depending on options), Three Phase | |
| Air | 2.5 CFM at 90 PSI = 70 l/min at 6 bar With Thin Substrate Air Bar Option: 8 CFM at 90 PSI = 225 l/min at 6 bar | |
| Venting | 12"/305 mm ID exhaust duct to outside with maximum straight length of 100'/30,480 mm (subtract 22'/6,706 mm for every 24'/610 mm, 90° bend) | |
| Floor Space Requirements | | |
| Base Coater | 19' Long x 7'-1" Wide x 4'-1" Tall - Approx. weight 6500 lb | |
| Base Coater with Feeder | 25'- 8" Long x 7'-1" Wide x 4'-1" Tall | |
| Base Coater with Feeder & Stacker | 30'- 2" Long x 7'-1" Wide x 4'-1" Tall | |
| <i>*All ExcelCoats should have 3 feet / 1 meter of working space around all sides</i> | | |