

# ExcelCoat ZR

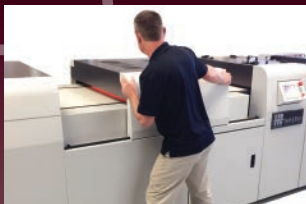
Fully-Automated Offline/Inline Coating System



**Stacker**

**3-Year Warranty!**

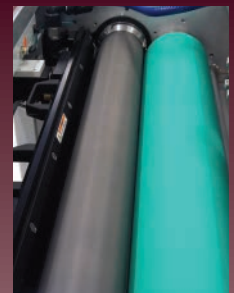
**Feeder**  
*(Infeed Bridge Optional)*



**Moveable IR**



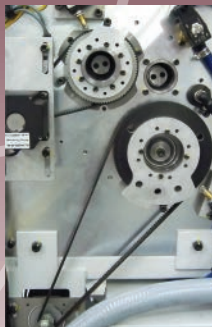
**PLC / Intuitive  
Operator Interface**



**Chamber/Anilox  
Metering System**  
*(Roller Coater Optional)*



**Full-Length Vacuum Conveyor**



**Automated Nip Adjustments  
via Stepper Motor  
& Eccentric Bearings**



**Quick-Change  
Anilox**



**Modular  
Circulation System**



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# ExcelCoat ZR Specs

Sheet Specifications	ZR30	ZR42
Max. Coating Width	30.25" / 770 mm	42.25" / 1,075 mm
Min. Sheet Size (Hand-Fed)	6" x 6" / 150 mm x 150 mm	
Max. Sheet Size (Machine-Fed)	30" x 30" / 760 mm / 760 mm	42" x 30" / 1070 mm x 760 mm
Min. Sheet Thickness	0.004" / 0.10 mm caliper for UV coating & 0.006" / 0.15 mm caliper for AQ coating <i>*At reduced speed on coated paper stock</i>	
Max. Sheet Thickness	0.048" / 1.2 mm	

## ExcelCoat ZR Speed Specifications

Max. Speed of Standard Coater = 220 Feet Per Minute / 67 Meters Per Minute  
*\*Specialized coatings/substrates may require reduced speeds*

8.5" x 11" / 215 mm x 280 mm Landscape Sheets	12,700 Sheets / Hour
12" x 18" / 305 mm x 450 mm Landscape Sheets	9,900 Sheets / Hour
14" x 21" / 355 mm / 530 mm Landscape Sheets	8,800 Sheets / Hour
21" x 30" / 530 mm x 750 mm Landscape Sheets	6,300 Sheets / Hour
28" x 40" / 710 mm x 1020 mm Landscape Sheets	5,000 Sheets / Hour

Set-up and Clean-up Time	ZR30	ZR42
Automated Set-up Time	5 Minutes	
Automated Wash-up Time	10 Minutes	

Coating Specifications	ZR30	ZR42
Types of Coating	Gloss UV, High Gloss UV, Matte UV, Specialty UV, AQ (with optional IR Dryer)	

*\* Chamber/Anilox & Roller Coater are good for applying UV Gloss. Chamber/Anilox is recommended for all other coatings.*

Power / Air / Venting Requirements	ZR30	ZR42
Power	480 VAC, 35-149 Amps (depending on options), Three Phase (or) 400 VAC, 43-151 Amps (depending on options), Three Phase	
Air	2.5 CFM at 90 PSI / 70 l/min at 6 bar	
Air 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 max. straight length of 100'/30,480 mm (subtract 22'/6,706 mm for every 24"/610 mm radius, 90° bend)	

## Floor Space Requirements

ZR30	<b>Base Coater:</b> 12' Long x 4.4' Wide / 3,650 mm x 1,340 mm – Approx. 5,000 lbs. / 2,270 kg <b>Coater w/ Feeder:</b> 17' Long x 4.4' Wide / 5,180 mm x 1,340 mm – Approx. 6,800 lbs. / 3,085 kg <b>Coater w/ Feeder &amp; Stacker:</b> 21.5' Long x 4.4' Wide / 6,550 mm x 1,340 mm – Approx. 7,800 lbs. / 3,540 kg
ZR42	<b>Base Coater:</b> 12' Long x 5.3' Wide / 3,660 mm x 1,615 mm – Approx. 7,000 lbs. / 3,200 kg <b>Coater w/ Feeder:</b> 18' Long x 5.3' Wide / 5,490 mm x 1,615 mm – Approx. 9,200 lbs. / 4,170 kg <b>Coater w/ Feeder &amp; Stacker:</b> 23.5' Long x 5.3' Wide / 7,160 mm x 1,615 mm – Approx. 10,700 lbs. / 4,850 kg

*\* All ExcelCoats should have 3 feet / 1 meter of working space around all sides*

Contact H&B to learn about  
**Fully-Automated ZR or**  
**Semi-Automated ZRB**  
 Offline/Inline Coaters!



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