

ExcelCoat ZR

Fully-Automated Offline/Inline Coating System



Stacker



**Chamber/Anilox
Metering System**



**Modular
Circulation System**



**PLC / Intuitive
Operator Interface**



Full-Length Vacuum Conveyor



**Quick-Change
Anilox**

**Feeder
(Infeed Bridge Optional)**



Moveable IR



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



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Regional Offices Worldwide



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	80# Text / 115 GSM (min. 0.004" / 0.10 mm caliper) at Reduced Speed for UV Coating 100# Text / 145 GSM (min. 0.006" / 0.15 caliper) at Reduced Speed Size for AQ Coating	
Max. Sheet Thickness	0.024" / 0.61 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 29 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 x 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
28" x 40" / 710 mm x 1020 mm Portrait Sheets	3,600 Sheets / Hour

Set-up and Clean-up Time	ZR30	ZR42
Automated Set-up Time	5 Minutes	
Automated Wash-up Time	10 Minutes	
Types of Cleaning Fluid	Alcohol (Isopropyl), UV Wash or AQ Wash	

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, 27-116 Amps (depending on options), Three Phase (or) 400 VAC, 33-139 Amps (depending on options), Three Phase	
Air	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, 480mm (subtract 22'/6,706 mm for every 24"/610 mm radius, 90° n	

Floor Space Requirements

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