

ExcelCoat ZRB

Semi-Automated Offline/Inline Coating System



Stacker

Feeder
(Infeed Bridge Optional)



**Full-Length
Vacuum Conveyor
& Pneumatic UV Hood**

3-Year Warranty!



**Reverse Nip
Roller Coater**



Stationary IR Dryer
(Optional)



**Touch Screen Interface &
Manual Nip Adjustments**



Chamber/Anilox
(Optional)



harris-bruno.com



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Regional Offices Worldwide



ExcelCoat ZRB Specs

Sheet Specifications	ZRB21	ZRB30
Max. Coating Width	21.25" / 540 mm	30.25" / 770 mm
Min. Sheet Size (Hand-Fed)	6" x 6" / 150 mm x 150 mm	
Max. Sheet Size (Machine-Fed)	21" x 21" / 530 mm x 530 mm	30" x 30" / 760 mm / 760 mm <i>(optional) 30" x 42" / 760 mm / 1070 mm</i>
Min. Sheet Thickness	0.004" / 0.10 mm caliper for UV & AQ Coating <i>*At reduced speed on coated paper stock</i>	
Max. Sheet Thickness	0.048" / 1.2 mm	

ExcelCoat ZRB Speed Specifications

Max Speed of Standard Coater = 120 Feet Per Minute / 36 Meters Per Minute

8.5" x 11" / 215 mm x 280 mm Landscape Sheets	6,600 Sheets / Hour
12" x 18" / 305 mm x 450 mm Landscape Sheets	5,400 Sheets / Hour
14" x 21" / 355 mm / 530 mm Landscape Sheets	4,800 Sheets / Hour
21" x 30" / 530 mm x 750 mm Landscape Sheets	3,400 Sheets / Hour
28" x 40" / 710 mm x 1020 mm Landscape Sheets	2,700 Sheets / Hour
High Speed Option = 160 Feet Per Minute / 49 Meters Per Minute	
8.5" x 11" / 215 mm x 280 mm Landscape Sheets	9,200 Sheets / Hour
12" x 18" / 305 mm x 450 mm Landscape Sheets	7,200 Sheets / Hour
14" x 21" / 355 mm / 530 mm Landscape Sheets	6,400 Sheets / Hour
21" x 30" / 530 mm x 750 mm Landscape Sheets	4,600 Sheets / Hour
28" x 40" / 710 mm x 1020 mm Landscape Sheets	3,600 Sheets / Hour

Coating Specifications	ZRB21	ZRB30
Types of Coating	Gloss UV, High Gloss UV, Matte UV, Specialty UV, AQ (with optional IR Dryer)	
<i>* Chamber/Anilox & Roller Coater are good for applying UV Gloss. Chamber/Anilox is recommended for all other coatings.</i>		

Power / Air / Venting Requirements	ZRB21	ZRB30
Power	480 VAC, 25-81 Amps (depending on options), Three Phase (or) 400 VAC, 30-86 Amps (depending on options), Three Phase	
Air	1.5 CFM at 90 PSI / 40 l/min at 6 bar	
Air with Thin Substrate Air Bar Option	7 CFM at 90 PSI / 200 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

ZRB21	Base Coater: 6' Long x 3.6' Wide / 1,830 mm x 1,100 mm – Approx. 1,300 lbs. / 590 kg Coater w/ Feeder: 9.5' Long x 3.6' Wide / 2,900 mm x 1,100 mm – Approx. 2,950 / 1,340 kg Coater w/ Feeder & Stacker: 14' Long x 3.6' Wide / 4,270 mm x 1,100 mm – Approx. 3,750 lbs. / 1,700 kg
ZRB30	Base Coater: 6' Long x 4.4' Wide / 1,830 mm x 1,340 mm – Approx. 1,600 lbs. / 730 kg Coater w/ Feeder: 10.5' Long x 4.4' Wide / 3,200 mm x 1,340 mm – Approx. 3,400 lbs. / 1,540 kg Coater w/ Feeder & Stacker: 15.6' Long x 4.4' Wide / 4,750 mm x 1,340 mm – Approx. 4,400 lbs. / 2,000 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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