ZRW
EXCELCOAT
by Harris & Bruno

Fully-Automated Offline/Inline Duplex Web Coater for AQ, UV, and Primers

The H&B ExcelCoat ZRW web coater is made to fit inline with most major web presses, or near-line with unwind and rewind. The ExcelCoat ZRW's wide range of substrate handling capabilities make it the ideal solution for digital inkjet web printers. Primer, AQ, and AQ/UV units available.

H&B customers have access to our vast network of service & support staff, stationed on nearly every continent of the globe. Additionally, 24/7 internet and phone support comes with every ExcelCoat, allowing customers to connect with an H&B technician who can answer questions and provide on-the-spot assistance.

Chamber/Anilox Coating Station

Quick Change Anilox & Applicator Sleeve System

Coating Circulator with Automated Wash-up
Dedicated coating circuits equals no cross contamination

Automatic Roller Positioning
Using linear actuators and stepper motors

Centralized PLC/Touch Screen
Up to 50 saved jobs

UV Curing Unit
Infinite power control & Toolless cassette removal

AQ Drying Unit
Toolless cassette removal

Servo Driven Web Guide

Equipped with Various Fire Prevention Feature

More Than the Average Coater, Always Customizable to Your Business Needs

- Modular System to Allow for Future Add-Ons
- Chamber / Anilox Metering System
- Quick-Change Anilox & Applicator Rolls
- Centralized PLC Controls Settings
- Highly Polished Rolls with Thick Chrome Plating

- AQ and UV Coating Applications
- Shuttered Lamps to Prevent Fires
- Automatic Wash-Up System
- Easy Access UV Lamp Chamber
- Automatically Save and Retrieve Job Settings

ExcelCoat ZRW Coating System Specifications

Media Specifications		
Min. Media Width	**ZRW22:** 8 in (200 mm)	**ZRW42:** 15 in (380 mm)
Max. Media Width	**ZRW22:** 22.5 in (572 mm)	**ZRW42:** 42 in (1066 mm)
Min. Media Weight	40 gsm	
Max. Media Weight	350 gsm	

Speed Specifications		
Max Coating Speed	**ZRW22:** 500 fpm (152 mpm)**	**ZRW42:** 1000 fpm (304 mpm)**

Setup and Cleanup Time	
Automated Set-up Time	5 Minutes
Automated Washup Time	10 Minutes

Coating Specifications	
Fluid Types Supported	Aqueous (AQ), UV, and Priming configurations available – customizable
Circulation System	Automated coating circulation and wash-up
Coating Technology	Chambered doctor blade system with quick change anilox and application sleeves

Power and Air Requirements		
Power	**ZRW22:** 480 VAC / 140 Amps	**ZRW42:** 180 VAC / 300 Amps
Air	6.2 cfm at 80 psi	

Technical Specifications		
Supported Configurations	Inline or offline, simplex and duplex coating	
Drying Technology	IR with Hot Air Knives (HAK) and/or a UV curing system	
Weight	**ZRW22:** 3800 lbs (1725 kg)	**ZRW42:** 7500 lbs (3400 kg)

Floor Space Requirements	
ZRW22 – AQ Only	6 ft x 10 ft x 9 ft (1.8 m x 3 m x 2.7 m)*
ZRW22 – AQ & UV	6 ft x 10 ft x 12 ft (1.8 m x 3 m x 3.7 m)*
ZRW42 – AQ Only	8 ft x 10 ft x 15 ft (2.5 m x 3 m x 4.6 m)*
ZRW42 – AQ & UV	8 ft x 10 ft x 15 ft (2.5 m x 3 m x 4.6 m)*

*All ExcelCoat units should have 3 ft (1 m) working space around all sides. Measurements do not include space needed for coating drums.

** Note: Actual coating speed will be dependent on machine configuration, media weights, finishes, and other factors