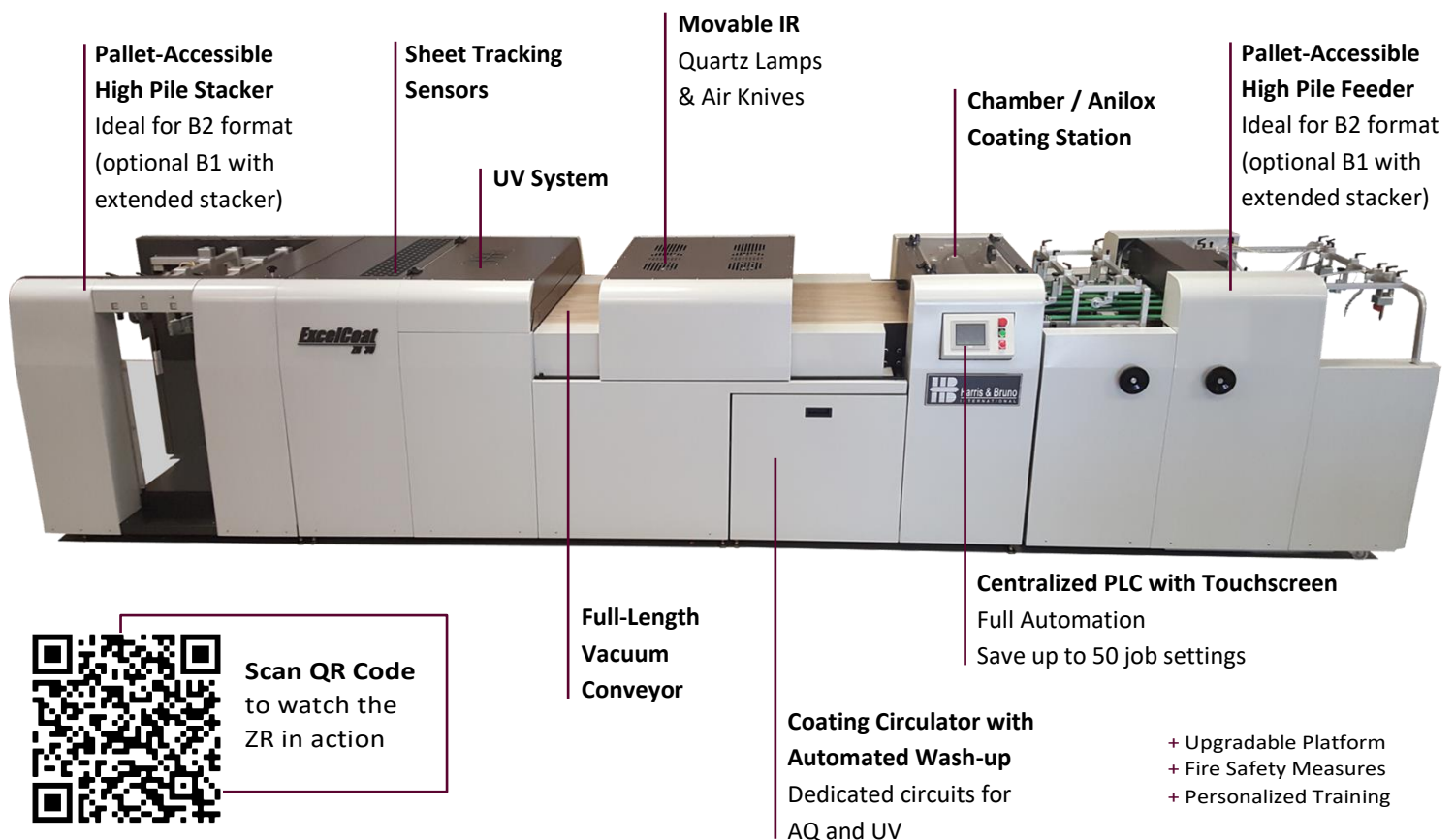


# EXCELCOAT<sup>ZR</sup>

by Harris & Bruno

*Fully-Automated Offline/Inline Flood Coating System for AQ, UV, and Primers*

The ExcelCoat ZR is a workhorse of a machine, built to shine in demanding production environments. With separate coating and wash-up functions for each coating chemistry, the ZR is ideal for printers routinely switching between UV, AQ, & Primers.



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

- Modular System to Allow for Future Add-Ons
- Chamber / Anilox Metering System
- Easy-Access Anilox & Applicator Rolls
- Centralized PLC Controls Settings
- Highly Polished Rolls with Thick Chrome Plating
- 24/7 Phone and Online Support
- AQ and UV Coating Applications
- Full-Length Vacuum System Prevents Fires
- Automatic Wash-Up System
- Easy Access UV Lamp Chamber
- Automatically Save and Retrieve Job Settings
- Technicians Stationed Around the Globe

# ExcelCoat ZR Coating System Specifications

## Sheet Specifications

Max. Coating Width	30 in (762 mm)
Min. Sheet Size (Hand-Fed)	6 x 6 in (152 mm x 152 mm)
Max. Sheet Size (Machine-Fed)	30 x 30 in (762 x 762 mm)
Min. Sheet Thickness	UV: min. 0.006 in/0.15 mm caliper at reduced speed (approx. 65# cover/175 gsm coated) AQ: min. 0.008 in/0.20 mm caliper at reduced speed (approx. 80# cover/200 gsm coated)
Min. Sheet Thickness <i>*With TS 2.0 Thin Substrate System</i>	UV: min. 0.003 in/0.075 mm caliper at reduced speed (approx. 70# text/90 gsm coated) AQ: min. 0.004 in/0.10 mm caliper at reduced speed (approx. 80# text/115 gsm coated)
Max. Sheet Thickness	0.024 in (0.61 mm)

## Speed Specifications

Max. Speed of Standard Coater	220 feet per minute (67 meters per minute) <i>Note: Specialized coatings/substrates may require reduced speeds</i>
8.5 x 11 in (215 x 279 mm)	12,700 sheets per hour
12 x 18 in (304 x 457 mm)	8,800 sheets per hour
14 x 21 in (355 x 533 mm)	6,400 sheets per hour
21 x 30 in (533 x 762 mm)	6,300 sheets per hour
28 x 40 in (711 x 1,016 mm)	5,000 sheets per hour
28 x 40 in (711 x 1,016 mm)	3,600 sheets per hour

## Setup and Cleanup Time

Automated Set-up Time	5 Minutes
Automated Washup Time	10 Minutes

## Coating Specifications

Types of Coating	Gloss UV, High Gloss UV, Matte UV, Specialty UV, AQ, Primer
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## Power Requirements

Power	USA: 480 VAC   Three Phase Europe/API: 400 VAC   Three Phase
Air	10 cfm at 90 psi (225 l/min at 6 bar)
Venting	12 in (305 mm) Exhaust duct to outside

## Floor Space Requirements

ZR30	Base Coater: 12 ft L x 4.4 ft W (3.66 x 1.34 m) 5000 lbs (2268 kg) Coater & Feeder: 17 ft L x 4.4 ft W (5.18 x 1.34 m) 6800 lbs (3084 kg) Coater, Feeder & Stacker: 21.5 ft L x 4.4 ft W (6.55 x 1.34 m) 7800 lbs (3538 kg)
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*\*All ExcelCoat units should have 3 ft (1 m) working space around all sides.*