

SmartCoater™ 1.6/2.2



DRYTAC®

ADHESIVE COATING EXPERTS

The SmartCoater™ liquid coating system protects inkjet graphics on vinyl, PSA, canvas, non-porous textiles, wet strength paper wallcoverings, and other flexible substrates. It can also function as a flash drying device for hard-to-dry inks. Coating costs range from 8 cents to 26 cents per square foot, depending on application and coating used. The system is compatible with most roll-to-roll solvent, eco-solvent, UV pigmented, and latex printers.

Dynamic Coating Technology

The SmartCoater™ features Dynamic Coating Technology (DCT), the latest in Mayer bar based coating head technology. DCT eliminates friction and abrasion on inks and delicate substrates during the coating process and is the preferred process for coating latex prints.

Easy to operate and even easier to clean

Setting up a SmartCoater™ is easy and requires minimal operator training. Choose the temperature, load and web the media, turn on the pump and go. A filtered recirculation system eliminates the need for damming the liquid during operation. Multiple coating tanks with a quick disconnect feature allow easy switching between coatings. Interchangeable Mayer bars with a quick release feature and a Teflon-coated drain pan take the hassle out of cleaning.

FEATURES

- Available in 63" (1.6 m) or 86" (2.2 m) widths
- TruSpeed™ speed compensation
- Interchangeable Mayer bars (available in smooth, #12/#18/#26/#36) with quick release
- Interchangeable TruGrip™ media supply and take up shafts
- Filtered supply and return
- Coating level sensor
- High efficiency IR lamps and dual stage heater
- Pre-wired for optional auxiliary dryer
- Process speed to 8 fpm (2.4 mpm) with optional IR heater
- Automatic temperature control
- Variable speed control with forward and reverse
- Cooling fans at take-up
- Multiple supply tanks with quick disconnects
- 1 year warranty parts/3 month warranty labor

Loaded with performance features

"S"-curve web design allows for uninterrupted coating of substrates to the end of the run. **TruGrip™** supply and take-up shafts assure an even feed for a wide range of substrates. **TruSpeed™** speed compensator, on board mixing and coating level sensor allow for precise process control and ensure predictable coating results

Eliminate the guess work

TruSpeed™ speed compensation technology eliminates the need for continual speed adjustment during processing by automatically compensating throughput speeds as the take up grows.

TECHNICAL SPECIFICATIONS

	SMARTCOATER 1.6	SMARTCOATER 2.2
Coating Specifications:		
Max. Coat Width	63" (1.6 m)	86.6" (2.2 m)
Max. Coating Thickness	32 microns (1.2 mil)	32 microns (1.2 mil)
Technology	Dynamic Mayer Bar	Dynamic Mayer Bar
Mayer Bar Range	#12, #18, #26, #36 (select at time of purchase)	#12, #18, #26, #36 (select at time of purchase)
Speed and Dimensions:		
Forward/Reverse Speed	1–8 ft/min (0.3–2.4 mpm)	1–8 ft/min (0.3–2.4 mpm)
Coater Size: (L x W x H)	80.5" x 37" x 41.5" (2045 mm x 940 mm x 1055 mm)	94" x 38" x 41.5" (2388 mm x 965 mm x 1055 mm)
Coater Weight	705 lbs (320 kg)	950 lbs (430 kg)
Crated Weight	950 lbs (430 kg)	1190 lbs (860 kg)
Electrical Specifications:		
Electrical Requirements	208-240VAC 50/60 Hz 1 ph	208-240VAC 50/60Hz 1ph
Power Consumption	7.5KW	10KW
Single phase (standard)	40 amp circuit, 36 amp draw with optional heater	50 amp circuit, 45 amp draw with optional heater
Safety and Warranty		
Safety Certification	CE Standards	CE Standards
Emergency Shut Off	Yes	Yes
Ventilation	External ventilation or air purification highly recommended	
Warranty	1 year parts, 3 months labor	1 year parts, 3 months labor
Order Codes		
Coater & Curing Unit	WBRC-60-PRO	WBRC-86-PRO
Optional Auxiliary Dryer	WBRC-60-AD	WBRC-86-AD
Mayer Bars		
#12 Mayer Bar	WBRC6012	WBRC8612
#18 Mayer Bar	WBRC6018	WBRC8618
#26 Mayer Bar	WBRC6026	WBRC8626
#36 Mayer Bar	WBRC6036	WBRC8636

* One Mayer bar comes standard with the SmartCoater 1.6 and 2.2. Your sales manager can advise you on which Mayer bar to choose for your application.

Recommended EnduraCoat Aqueous Coatings

ECWB-IG	Intego Gloss	ECWB-CC	Color Capture
ECWB-IM	Intego Matte	ECWB-CCL	Color Capture Lustre
ECWB-UFG	UltraFlex Gloss	ECWB-CCM	Color Capture Matte
ECWB-UM	UltraMural		
ECWB-TM	Transit Matte		
ECWB-TG	Transit Gloss		



Drytac.com
USA
CANADA

+1-800-280-6013
+1-800-353-2883