

AFC 1600/2200 WATER-BASED FLOOD COATER



DRYTAC®

EXPERTS IN FINISHING SOLUTIONS

Compatible with most roll-to-roll solvent, eco-solvent and pigmented inkjet printers, AFC liquid coating systems protect inkjet graphics on vinyl, PSA, non-porous textiles, wet strength paper wall covering, canvas and other flexible substrates and can also function as flash drying devices for hard-to-dry inks. Coating costs range from 2 cents to 26 cents per square foot, depending on application and coating used.

Dynamic Coating Technology

AFC aqueous flood coaters feature Dynamic Coating Technology (DCT), the latest in mayer rod based coating head technology. DCT eliminates friction and abrasion on inks and delicate substrates during the coating process.

Easy to operate and even easier to clean

Setting up an AFC coater 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.

Advanced Technology

Drytac® AFC coaters are the only coaters in the industry to offer “Web It and Walk Away” technology. This technology greatly reduces operator time and attendance to the coating process.

FEATURES

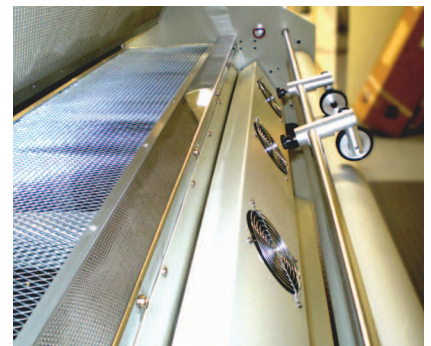
- Available in 63" (1600mm) or 86" (2200mm) widths
- Automatic media unwind sensor with alarm
- TruSpeed™ Speed Compensator
- Interchangeable mayer bars (available in smooth, #12/#18/#26/#36) with quick release
- Interchangeable TruGrip™ supply and take up shafts
- Filtered supply and return
- Magnetic suspension pump with auto level sensor
- High efficiency IR lamps and dual stage heater
- Pre-wired for optional post coat portable heater
- Process speed to 9 fpm (2.75mpm) with optional IR heater
- Automatic temperature control
- Variable speed control with forward and reverse
- On-board tank blender
- Cooling fans at take-up
- Multiple supply tanks with quick disconnects
- 1 year warranty parts/6 month warranty labor
- Drytac® Extended Equipment Warranty available

Loaded with performance features

“S”-curve web design and auto gripper roller allow 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 coating blender 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. The media unwind sensor alerts operators the roll of media is ending allowing pumps to shut off automatically.



New design features include an additional fan bank that can be aimed at the back of the prints and a roll set that holds material in place after the roll is finished.

TECHNICAL SPECIFICATIONS—AFC 1600 AND AFC2200

	AFC1600	AFC2200
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 and #18 (included), #26, #36	#12 and #18 (included), #26, #36
Speed and Dimensions:		
Forward/Reverse Speed	1 - 9 ft/min (.3 - 2.75 mpm)	1 - 9 ft/min (.3 - 2.75 mpm)
Coater Size: (L x W x H)	80.5"x 37"x 41.5" (2045mm x 940mm x 1055mm)	94" x 38" x 41.5" (2388mm x 965mm x 1055mm)
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	50 amp circuit, 45 amp draw
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, 6 months labor	1 year parts, 6 months labor
Order Codes		
Coater & Curing Unit	WBRC-60	WBRC-86
Optional Infrared Heater	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

* #12 and #18 Mayer Bars come standard with the AFC1600 and AFC2200. Your sales manager can advise you on selection of Mayer Bars for your applications.

EnduraCoat Aqueous Coatings

ECWBIG	Intego Gloss	ECWBUFM	UltraFlex Matte
ECWBIM	Intego Matte	ECWBTDG	Transit Gloss
ECWBSBG	Sign & Banner Gloss	ECWBUM	UltraMural
ECWBSBM	Sign & Banner Matte	ECWBUSR	UltraStain Resist
ECWBUFG	UltraFlex Gloss		



Tel +44 (0)117 958 6500
 +44 (0)845 070 0660
Email bristol@drytac.com
Web www.drytac.com