

# AFC 1600/2200 WATER-BASED FLOOD COATER



## DRYTAC®

**EXPERTS IN FINISHING SOLUTIONS**

### **1600mm (62-inch) or 2200mm (86-inch) Water-Based Flood Coater**

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 wall covering, canvas and other flexible substrates and can also function as flash drying devices for hard-to-dry inks.

#### **Dynamic Coating Technology**

AFC aqueous flood coaters feature Dynamic Coating Technology (DCT), the latest in coating head technology. DCT eliminates friction and abrasion on inks and delicate substrates during the coating process and is the preferred technology for coating all fine art images. Interchangeable Mayer Bars allow for precise control over coating thickness. The filtered supply and return system keeps liquid flowing smoothly over the printed substrate, minimizing debris and artifacts.

#### **Easy to operate and clean**

Setting up an AFC coater is easy and requires minimal operator training. Choose the temperature, load and web the media, turn on pump switch and go. The filtered recirculation system with level sensor eliminates the need for damming the liquid during operation. Multiple coating tanks with the quick disconnect feature allow easy switching between coatings. Our patent pending Dynamic Coating Technology, together with Teflon-coated 'non stick' drain pans and easy access plumbing make this coater much easier to clean than competitive models.

#### **Loaded with performance features**

"S"-curve web design allows uninterrupted coating of substrates to the end of the run with little waste. 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 and reliable processing. Coater not processing work fast enough? No problem. Plug in the optional 2200 watt 200 cfm portable dryer into the back of the coater and double your processing speed.

#### **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

\* Solvent-based flood coater available upon request.

### **FEATURES**

- Available in 1600mm (62") or 2200mm (86") widths
- TruSpeed™ Speed Compensator
- Interchangeable Mayer bars (available in smooth, #12/#18/#26/#36)
- 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 2.75mpm (9 fpm) 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 labour

## TECHNICAL SPECIFICATIONS—AFC 1600 AND AFC2200

### AFC1600

### AFC2200

#### Coating Specifications:

Max. Coat Width	1.6 metres (62")	2.2 metres (86.6")
Max. Coating Thickness	32 microns (1.2 mil)	32 microns (1.2 mil)
Technology	Dynamic Mayer Bar	Dynamic Mayer Bar
Mayer Bar Range	#26 (included) #12 / #18 / #36	#26 (included) #12 / #18 / #36

#### Speed and Dimensions:

Forward/Reverse Speed	0.3 - 2.75 mpm (1 - 9 ft/min)	0.3 - 2.75 mpm (1 - 9 ft/min)
Coater Size: (L x W x H)	2045x940x1055mm (80.5"x 37"x 41.5")	2388x965x1055mm (94"x 38"x41.5")

Coater Weight	320 kg (705 lbs)	430 kg (950 lbs)
Crated Weight	430 kg (950 lbs)	539 kg (1190 lbs)

#### Electrical Specifications:

Electrical Requirements	208-240VAC 50/60 Hz 1 ph/30A	208-240VAC 50/60Hz 1ph/40A
Power Consumption	6KW	8KW
Single phase (standard)	30 amp, 25 amp draw	40 amp, 33 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 labour	1 year parts, 6 months labour

#### Order Codes

Coater & Curing Unit	#WBRC-60	#WBRC-86
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## MAYER BAR ORDERING

#### Descriptions

#12 Mayer Bar	WBRC6012	WBRC8612
#18 Mayer Bar	WBRC6018	WBRC8618
#26 Mayer Bar	WBRC6026	WBRC8626
#36 Mayer Bar	WBRC6036	WBRC8636

## ENDURACOAT AQUEOUS COATINGS

ENDURACoat Sign & Banner Gloss (gal.)	ECWBSBG-1G	ENDURACoat UltraFlex Matt (gal.)	ECWBUFM-1G
ENDURACoat Stain Resist (gal.)	ECWBUSR-1G	ENDURACoat Giclee II Gloss (gal.)	ECWBG2G-1G
ENDURACoat UltraMural (Flat Matt) (gal.)	ECWBUM-1G	ENDURACoat Giclee II Satin (gal.)	ECWBG2S-1G
ENDURACoat UltraFlex Gloss (gal.)	ECWBUFG-1G		



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