

Water-Based / Solvent System Flood Coater With Dynamic Coating Technology

AFC 1600 / 1900

[1600mm (60") / 1900mm (75") formats]

Ideal for digital print houses, fine art studios, wall paper converters, fleet marking professionals, banner makers, and billboard companies, AFC liquid coating systems are versatile and cost efficient. 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. AFC coaters can also function as flash drying devices for hard to dry inks, thereby dramatically reducing dry time and increasing production.



AFC 1600
Flood Coater

Dynamic coating technology

AFC 1600 and 1900 aqueous flood coaters feature interchangeable Mayer Bars to provide precise coating weight control. The filtered supply and return system keeps liquid flowing smoothly over printed substrates, preventing abrasion to sensitive surfaces. Advanced two stage heater design allows more efficient drying with cool down phase.

Easy to operate

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 means there is no need for damming the liquid or overflow catch basins during operation.

Easy to clean

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 design allows uninterrupted coating of substrates to the end of the run with no waste. Auto temperature control and variable speed forward and reverse allows operators to adjust process parameters to meet individual job requirements. TruGrip supply and take-up shafts assure an even feed for a wide range of substrates. Magnetic suspension pump and on-board tank blender contribute to predictable coating results and reliable processing.

Features

- Dynamic Coating Technology allows the user total process flexibility in matching application requirements with coating technology.
- Applications include banners, signage, fine art, vehicle graphics, promotions, POP, trade show exhibits.
- Interchangeable Mayer Bars to provide precise coating thickness control.
- Coating costs range from 4p to 49p per sq/m, application & coating dependent.
- Vinyl, PSA, non-porous textiles, wet strength wall covering, canvas, others.
- Interchangeable TruGrip supply and take up shafts.
- Filtered supply and return.
- Magnetic suspension pump with auto level sensor.
- High efficiency IR lamps.
- Process speed to 3mpm (10 fpm).
- Automatic temperature control.
- Variable speed control with forward and reverse.
- On-board tank blender.
- Cooling fans at take-up.
- 1 year warranty parts / 6 month warranty labour.

AFC 1600 / 1900 Liquid Flood Coater

Technical Specifications

| | 1.6 Metre (60") Coater | 1.9 Metre (75") Coater |
|-----------------------------------|-------------------------------------|--|
| Coating Specifications: | | |
| Max. Coat Width | 1.6 metres (60") | 1.9 metres (75") |
| Max. Coating Thickness | 1.2 mil (32 microns) | 1.2 mil (32 microns) |
| 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") |
| Crated Size: (L x W x H) | 2159x1092x1245mm (85"x 43"x 49") | 2604x2184x1245mm (102.5"x 86"x43.5"x49") |
| Coater Weight | 320 kg (705 lbs) | 430 kg (950 lbs) |
| Crated Weight | 430 kg (950 lbs) | 860 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 |
| Warranty | 1 yr parts, 6 mo labour | 1 yr parts, 6 mo labour |
| Order Codes | | |
| Coater & Curing Unit | #WBRC-60 | #WBRC-75 |

Mayer Bar Ordering

| Descriptions | | |
|---------------|----------|----------|
| #12 Mayer Bar | WBRC6012 | WBRC7512 |
| #18 Mayer Bar | WBRC6018 | WBRC7518 |
| #26 Mayer Bar | WBRC6026 | WBRC7526 |
| #36 Mayer Bar | WBRC6036 | WBRC7536 |

ENDURACoat Aqueous Coatings

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



TEL +44 (0)117 958 6500/0845 070 0660

EMAIL bristol@drytac.com

WEB www.drytac.co.uk