AFC 1.6/2.2 SmartCoater

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 that the roll of media is ending, allowing pumps to shut off automatically.

FEATURES
- Available in 63” (1.6 m) or 86” (2.2 m) widths
- Automatic media unwind sensor with alarm and auto pump shut off
- 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
- 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 (2.75 mpm) 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

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.

Dynamic Coating Technology
AFC SmartCoaters 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 and is the preferred process for coating latex prints.

Easy to operate and even easier to clean
Setting up an AFC 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.

Advanced Technology
Drytac® AFC SmartCoaters are the only coaters in the industry to offer “Web It and Walk Away” technology. This technology reduces operator time and attendance to the coating process.
## TECHNICAL SPECIFICATIONS

### Coating Specifications:

<table>
<thead>
<tr>
<th></th>
<th>AFC 1.6 SMART COATER</th>
<th>AFC 2.2 SMART COATER</th>
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<tbody>
<tr>
<td>Max. Coat Width</td>
<td>63” (1.6 m)</td>
<td>86.6” (2.2 m)</td>
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<tr>
<td>Max. Coating Thickness</td>
<td>32 microns (1.2 mil)</td>
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<tr>
<td>Technology</td>
<td>Dynamic Mayer Bar</td>
<td>Dynamic Mayer Bar</td>
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<tr>
<td>Mayer Bar Range</td>
<td>#12 and #18 (included), #26, #36</td>
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### Speed and Dimensions:

- **Forward/Reverse Speed**: 1–9 ft/min (.3–2.75 mpm)
- **Coater Size**: (L x W x H) 80.5” x 37” x 41.5” (2045 mm x 940 mm x 1055 mm)
- **Coater Weight**: 705 lbs (320 kg)
- **Crated Weight**: 950 lbs (430 kg)

### Electrical Specifications:

- **Electrical Requirements**: 208-240VAC 50/60 Hz 1 ph
- **Power Consumption**: 7.5KW
- **Single phase (standard)**: 40 amp circuit, 36 amp draw with optional heater

### Safety and Warranty

- **Safety Certification**: CE Standards
- **Emergency Shut Off**: Yes
- **Ventilation**: External ventilation or air purification highly recommended
- **Warranty**: 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 AFC SmartCater 1.6 and 2.2. Your sales manager can advise you on selection of Mayer Bars for your applications.

### EnduraCoat Aqueous Coatings

<table>
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<tr>
<th>Coating</th>
<th>AFC 1.6</th>
<th>AFC 2.2</th>
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<tbody>
<tr>
<td>ECWB-IG</td>
<td>Intego Gloss</td>
<td>ECWB-TM</td>
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<tr>
<td>ECWB-IM</td>
<td>Intego Matte</td>
<td>ECWB-TG</td>
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<tr>
<td>ECWB-UFG</td>
<td>UltraFlex Gloss</td>
<td>ECWB-UM</td>
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<tr>
<td>ECWB-USR</td>
<td>UltraStain Resist</td>
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**ON THE WEB:**

www.drytac.com

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