

# Chameleon Coater

Model UVF20 / UVF30 / UVF42



Web widths of 20", 30" and 42"

500 FPM standard; options up to 800 FPM

Inline or near-line operation

Tight web standard; slack web is optional

Integration with new or existing digital print production and finishing lines

Integrated drying technology

Capable of coating a broad range of substrates

Matte or gloss finish

Optional delivery to integrated EMT chip cutter, rewind, folder, or mailroom and bindery processes

Aqueous option available

Easy coating application and set up control using anilox roll exchange

Optional spot-coat operation available

Provides print protection from mailstream and secondary operations damage

Design avoids flood coat operation which reduces coating usage

Eliminates offline coating operation

Variable UV flexo coating

Applications include:

Roll-to-coat to sheet

Roll-to-coat to fold

Roll-to-coat to bind

Roll-to-coat to roll

Post cards

Book covers

Calenders

Mailers

Yearbooks

Brochures

Photo books

Manuals



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Enclosed Doctor Chamber



Coater



## General Information

| Model Number             | UVF20   | UVF30   | UVF42   |
|--------------------------|---|---|---|
| <b>Features</b>          |   |   |   |
| Process one              | Coater  | Coater  | Coater  |
| <b>Utilities</b>         |   |   |   |
| Electrical               | 230V or 480V, 3ø 50/60Hz                                | 230V or 480V, 3ø 50/60Hz                                | 480V, 3ø 50/60Hz  |
| Compressed Air           | 80psi @ 2cfm, 3/8 NPT connection                        | 80psi @ 2cfm, 3/8 NPT connection                        | 80psi @ 2cfm, 3/8 NPT connection                        |
| Waste Evacuation         | 1500 CFM @ 12" Static Pressure (in water) 3" connection | 1500 CFM @ 12" Static Pressure (in water) 3" connection | 1500 CFM @ 12" Static Pressure (in water) 3" connection |
| <b>Performance Speed</b> | 50-500 fpm (15-152 mpm)<br><i>Option to 800 fpm</i>     | 50-500 fpm (15-152 mpm)<br><i>Option to 800 fpm</i>     | 50-600 fpm [15-182 mpm]<br><i>Option to 800 fpm</i>     |
| <b>Paper Range</b>       | 67 to 200gsm (35-350gsm optional)                       | 67 to 200gsm (35-350gsm optional)                       | 67 to 200gsm (35-350gsm optional)                       |
| <b>Coating</b>           |   |   |   |
| Paper Delivery           | Simplex or Duplex                                       | Simplex or Duplex                                       | Simplex or Duplex                                       |
| Web Width                | Tight or Slack<br>6.5" - 20" [165-520mm]                | Tight or Slack<br>15" - 30" [380-760mm]                 | Tight or slack<br>16.0" - 42" [406-1066mm]              |
| <b>Size</b>              |   |   |   |
| Length x Width x Height  | L 102" x W 100" x H 58"                                 | L 76" x W 74" x H 59"                                   | L 96" x W 82" x H 72"                                   |
| Weight Net               | 3650lbs [1656kg]  | 3682lbs [1670kg]  | 4644lbs [2106kg]  |
| Weight Gross             | 4454lbs [2020kg]  | 3205lbs [1454kg]  | 5005lbs [2270kg]  |



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