



Alliance Technology Corp.

The Latest Advance in UV Coating Machine Technology



Designed for roll-to-roll coating.
Coating application thickness selectable
by use of different Mayer rods.

Web alignment option available

ATC UV1600-RTR & UV2100-RTR
Roll-to-Roll
UV Liquid Coating Machines

The Latest Advance
in the UV Coating
Machine Technology

ATC UV1600-RTR & UV2100-RTR Roll-to-Roll UV Liquid Coating Machines

ATC introduces the UV1600-RTR and UV2100-RTR, the latest advance in coating machine technology. The UV1600-RTR and UV2100-RTR are designed for the precision UV, roll to roll, Mayer rod coating. The machines coat rolls up to 8" (200mm) diameter, 63" and 80" wide, depending on the model. The coating speeds of the UV1600-RTR and UV2100-RTR are from 10 feet per minute to 25 feet per minute. (3 meters per minute to 8 meters per minute).

The scanning UV dryer delivers the energy needed for thorough drying without overheating the substrate. PLC touch screen controls govern and monitor the process for ease of operation.



Technical Specifications

UV1600-RTR Specifications

Coating Capabilities:

Coating Width: 63" (1.6 meters)
Roll Diameter: 8" (20cm)
Measured Coating Thickness: 0.3 mils on up,
selectable by using different size Mayer rods
Coating Speed: 10-25 feet (3-8 meters) per minute
Reservoir: 4 gallons (15 Liters)

Dimensions:

Length: 116" (294cm)
Width: 103" (261cm)
Height: 81" (205cm)

Electrical Requirements:

220 (+-5%) VAC, Three phases
60 Amp
60 Hz

Compressed Air: 80-100 psi / 4 Bar

UV2100-RTR Specifications

Coating Capabilities:

Coating Width: 80" (2 meters)
Roll Diameter: 8" (20cm)
Measured Coating Thickness: 0.3 mils on up,
selectable by using different size Mayer rods
Coating Speed: 10-25 feet (3-8 meters) per minute
Reservoir: 4 gallons (15 Liters)

Dimensions:

Length: 132" (335cm)
Width: 103" (261cm)
Height: 81" (205cm)

Electrical Requirements:

220 (+-5%) VAC, Three phases
60 Amp
60Hz

Compressed Air: 80-100 psi / 4 Bar

"Wider width machine available on special order"



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