



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

# ATC UV80-RTR Roll-to-Roll UV Liquid Coating System

ATC introduces the latest advance in UV coating machine technology

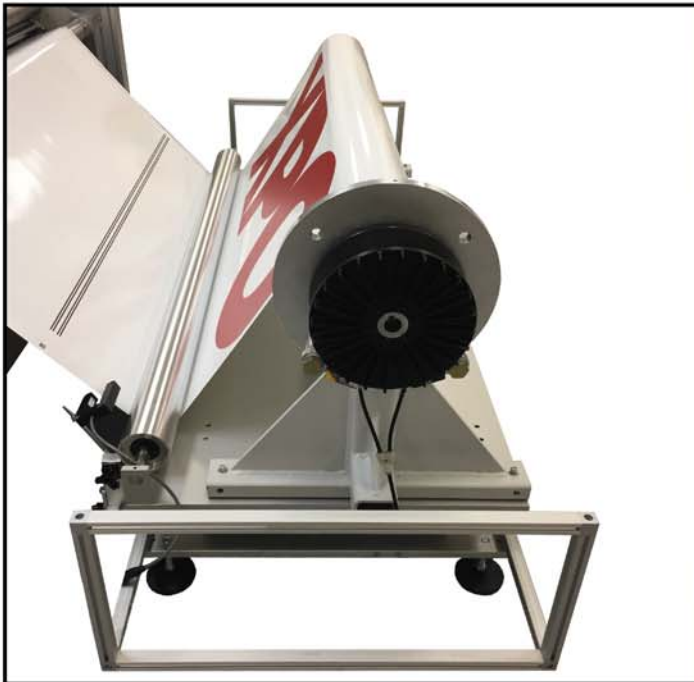
# ATC UV80-RTR Roll-to-Roll UV Liquid Coating System

ATC introduces the UV80-RTR, the latest advance in coating machine technology. The UV80-RTR is designed for precision UV, roll-to-roll, Mayer rod coating. The machine coats rolls up to 12" diameter and 80 inches wide (300mm diameter x 2 meters wide). The coating speed of the UV80-RTR is from 10 feet per minute to 33 feet per minute. (3 meters per minute to 10 meters per minute).

The scanning UV dryer delivers the energy needed for thorough drying without overheating the substrate. A motorized loading system pulls material through the dryer to be attached to the take-up roller. PLC touch screen controls govern and monitor the process for ease of operation.



## Technical Specifications



### UV 80-RTR Specifications

#### Coating Capabilities:

Coating Width: 80" (2 meters)

Roll Diameter: 12" (30cm)

Measured Coating Thickness: 0.3 mils on up, selectable by using different size Mayer rods

Coating Speed: 10-33 feet (3-10 meters) per minute

Reservoir: 5 gallons (19 Liters)

#### Electrical Requirements:

230 VAC 3Ø

60 Amp

50Hz or 60Hz

#### Compressed Air:

80-100 psi / 4 Bar



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