



# DFSM SEMI-AUTOMATIC LAMINATOR 360/N DFSM SA





#### DESCRIPTION

The 360/N DFSM SA is a semi-automatic pre-laminator DFSM SA designed and built for the cold application of DFSM on panels, before the final process in the Rohm and Haas take-up Electronic Materials Vacuum Laminators.

#### ADVANTAGES

- The semi-automatic film applicator 360/N incorporates all the standard rollers for dry film supply, stripping and polyethylene sheet
- Lateral cutting device with adjustable width
- The “soft contact” automatic centering device and the motor driven input rolls align the panels with the dry film
- An electromagnetic clutch minimize the film waste between the panels
- The unit is provided with motor driven input/output rollers and is suitable for in-line operation
- Suitable for innerlayer or rigid panels—full range from 0.025–6.400 mm (0.001–0.250 in.) thickness
- Easy dry film loading and alignment\*
- Accept 300 meter (1,000 ft.) rolls of dry film
- Provided with 3 or 6 in. adapters
- Panel sizes up to 635 mm (25 in.) wide
- Completely controlled by PLC

\* An uplifting input roller allows to load the lower dry film coil in a simple way

<b>Overall Dimensions</b>		<b>Panel Size</b>	
Width	1,100 mm (45.3 in.)	Width (max.)	635 mm (25.0 in.)
Length	1,160 mm (45.7 in.)	Length (max.)	—
Height	1,470–1,550 mm (57.9–61.0 in.)	Thickness (min.–max.)	0.025–6.4 mm (0.001–0.252 in.)
<b>Electrical Requirements</b>		<b>Dry Film Photoresist Size</b>	
Power Type	Single phase; 50/60 Hz + Ground	Width (max.)	610 mm (24.0 in.)
Power Consumption	0.25 KVA	<b>Conveyor (Adjustment)</b>	
Nominal Voltage	230V	Conveyor Height (min.–max.)	1,010–1,090 mm (39.8–42.9 in.)
<b>Compressed Air</b>		<b>Conveyor Speed</b>	
Compressed air not required		Conveyor speed fixed to 3 m/min. (10 ft./min.)	
<b>Weight</b>			
Gross	350 kg (771 lbs.)		
Net	225 kg (496 lbs.)		