



ROLLTO ROLL EXPOSURE UNIT

EU 1530 RTR





DESCRIPTION

The Exposure Unit EU 1530 RTR is an exclusive unit designed to directly expose the circuits from copper rolls. The masters alignment is obtained by means of pins and the exposing accuracy is assured by the punching initially made. The 5 kw lamps power, with optimized values of cooling and working conditions, together with the high concentration of optical group, allow for a very high yield. It has an optional refrigerator unit with water intercooler. It provides a high light uniformity throughout the exposure area. The EU 1530 RTR allows high productivity and has an excellent exposure quality.

ADVANTAGES

- Single drawer unit, simultaneous exposure on both sides, direct light
- Copper roll winding and unwinding with independent controls
- Very efficient lamps with selecting power between 2 and 5 kw
- The copper web feeding occurs by means of a suction roll
- The copper web feeding is controlled by an encoder
- UV emission controlled by 2 energy integrators
- Light uniformity throughout the exposure area
- Accuracy 100 µm with dry film, 75 µm with liquid resist
- Touch screen display operator in local language
- Simple and quick setup of the machine for masters change
- Accuracy and repeatability in feeding and width (within 0.15 mm)
- More than 3 pieces/min. productivity
- Forced air cooling system
- The unit can be supplied with a water refrigerating unit

Overall Dimensions		Roll Size (web)	
Width	1,580 mm (62.2 in.)	Width (min.–max.)	254–610 mm (10.0–24.0 in.)
Length	3,500 mm (137.8 in.)	Weight (max.)	40 kg (88 lbs.)
Height (min.–max.)	2,140–2,190 mm (84.3–86.2 in.)	Diameter (max.)	400 mm (15.7 in.)
Electrical Requirements		Exposing Net Size	
Power Type	3 phase; 50/60 Hz + Ground	Width	660 mm (26.0 in.)
Power Consumption	25.0 KVA	Length	635 mm (25.0 in.)
Nominal Voltage*	400/480/220/200V ±7%	Artwork Size	
Compressed Air		Width	710 mm (28.0 in.)
Consumption	15 NI/cycle (0.53 cfm)	Length	660 mm (26.0 in.)
Working Pressure	6 kg/cm (85.3 psi)	Weight	
*Different voltage can be provided upon requirement.		Gross	1,550 kg (3,416 lbs.)
		Net	1,186 kg (2,614 lbs.)