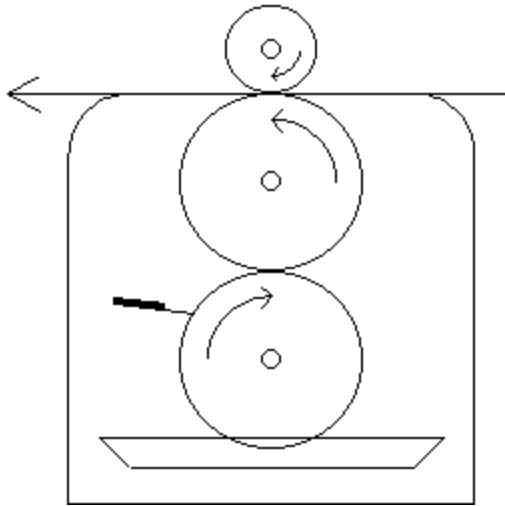


3-ROLL OFFSET GRAVURE LAB COATER



Offset Gravure Lab Coater, 12" wide: Model#E-BC12POG3

Offset Gravure Lab Coater, 18" wide: Model#E-BC12POG3

Offset Gravure Lab Coater, 24" wide: Model#E-BC12POG3

Optional: Special "Removable Center Roll" Feature for quick removal of Center Rubber Roll.

Optional: 2nd Emergency Stop Button mounted on opposite side base plate allowing easy access to E-stop buttons from either side of machine.

- Excellent for performing tests onto small samples, hand sheets, and can be used for continuous web coating. Can also be used to perform saturations, 2 roll pressure, and 3 roll differential tests.
- Applies a uniform, consistent, and repeatable coating laydown every time.
- Used for applying coatings onto papers, paperboards, films, foils, glass, etc.
- Applies coatings down to as low as 1/10 of 1 micron (.000004"). High end thickness varies depending upon the viscosity of the coating, gravure pattern, and the type of substrate.
- Coat weight is controlled by the specific laser engraved gravure pattern in the bottom gravure roll and by the amount of air pressure that is applied to the top and center rolls (bottom roll can be changed within 5 minutes to utilize various gravure rolls, rubber rolls, and chrome rolls).
- Top roll is 3" diameter x 12" wide standard polished chrome, and is air regulated in order to vary the amount of downward pressure onto the center roll.

- Center roll is 6" diameter x 12" wide standard neoprene rubber with air regulated vertical pressure for applying downward pressure onto the bottom roll, complete with dial indicators for adjusting the vertical position of the center roll in order to set a gap between the center and bottom rolls if desired. Center roll is driven with a variable speed motor and controller with digital rpm tachometer capable of approximately 30 fpm (available in 110 or 220 Volt).
- Bottom roll is 6" diameter x 12" wide laser engraved gravure, driven with a variable speed motor and controller with digital rpm tachometer (available in 110 or 220 Volt, 30 rpm motor).
- A Stainless Steel coating pan mounts underneath the bottom roll for holding the coating mixture. The bottom roll rotates in this coating pan and picks up the coating mixture, and then the pneumatic wiper blade meters the excess coating from the bottom roll. The coating that remains on the bottom roll then transfers directly to the center roll which in turn transfers the coating directly to the substrate as it is fed between the center and top rolls.
- All control features mount inside a control panel that also contains an Emergency Stop button in order to shut off all power to the machine by simply pressing down on the button.
- Different types of rubber for the center roll including E.P.D.M., Silicone, Viton, Hypalon, Buna-N, Urethane, Polysulfide, and Natural Rubber are also available (prices vary).
- The customer's choice of one (1) gravure roll up to 180 linescreen is included in the price of the offset gravure lab coater. If a linescreen of more than 180 is needed, then prices vary.