



Battenfeld Gloucester Engineering Of Gloucester, Massachusetts Provides Flexographic Printing Presses And Will Market Them Throughout The World...

Battenfeld Gloucester Engineering- a world leader in Blown, Cast Film, and Sheet Extrusion Systems is entering into the printing industry and is extremely motivated to supply world class printing machinery to its existing and future customers and to become a world leader in the printing/converting industry in printing.

Central Impression Presses

FlexoMaster Model Presses:

- * This machine series can be supplied as a 6-color, 8-color, or 10-color machine.
- * This press series is based on the standard deck configuration and has either semi automatic microprocessor controls or as a 4-motor computer control system.
- * Both machine series can be specified with a wide range of winding options.
- * Both series machines can be supplied in web widths of up to 80 inches.
- * Standard or custom drying systems can be incorporated into each machine as well.
- * Each machine is heavy duty in design and can have production speeds of 1,000 FPM and higher.

FlexoElite Model Presses:

- * This press series incorporates advanced electronic control systems for precise and reliable control of all print parameters and machine movement and set-up. It is designed to be a truly quick-change high speed, high quality Flexographic printing press.
- * Available only as a Gear-less type machine
- * Available in 8-colors or 10-colors
- * Available in web widths up to 80 inches
- * Production speed up to 1,500 FPM depending on final design of machine
- * Winder options include splicing at full speed turret winders or Shaft-less winders
- * PROFIBUS, CANBUS, and FIBEROPTIC technology is used to control sensors, I/O units, PLC, PC Control, and AC Motors. More detailed information explaining this very important feature is available.
- * The machine is a true quick-change press and incorporates sleeve change abilities for the print cylinder and the anilox roller. The computer opens all caps and retracts the print and anilox blocks so the sleeves can be quickly removed from the side frames of the machine.
- * The design is such that the new sleeves can safely be placed on the unused decks while the machine is in operation.
- * The print deck movements are all done by AC motors and does away with the normal feed screw designs that are offered on other machines.
- * The machines sold to the USA are supplied with UL Listing for electronics and conforms to explosion proof requirements through UL and NFPA
- * There is advanced drying systems incorporated into the machine.

- * At the discharge from the wet section of the press and prior to entry to the overhead dryer, there is an LEL scavenger hood to reduce the release of emissions around the press. This hood is attached to the circulation system and eventually flows into the emissions oven.
- * The machine comes with specially designed Quick Change Carbon Fiber Doctor Blade System, which operates as a closed loop closed chambered system. The design of the doctor blade chamber requires no tools to change the blade material or end seals.

Other Machinery

- * A series of Stack design presses are also available. The stack presses can be used as roll-to-roll machines or in-line to other machinery such as extrusion lines, bag makers, and other converting machinery. The heavy-duty construction and the unique drying system designs allow for high production speeds even when using water-based inks.
- * A wide variety of downstream print stations, coaters and laminating solutions are available
- * Complete Gravure Presses including electronic line shaft machines are available
- * Laminating Machinery in solvent, solvent-less and water base are available.

For further information on any of these machines please contact your Gloucester Representative or me and we will be happy to discuss with you how can enhance your Flexographic printing capabilities.

Best Regards,

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