

Valflow®

INK PUMPS - CENTRIFUGAL, DIFRAMGM AND PERISTALTIC

Valflow® centrifugal pumps

Valflow® centrifugal pumps are manufactured under license from Graymills® Corporation, USA. These are designed keeping in mind the needs of rotogravure & flexographic presses and are highly reliable and easy to maintain. They are available in different flow rates to suit specific application requirements.

The impeller is tailored not only to provide impeccable flow but also to ensure sufficient circulation in the tank.

Valflow® centrifugal pumps have a quick demount (QD) feature to enable quick changeover. Neither are tools required nor are there any loose parts to separate the motor from the pump. For a quick turn-around, buy one pump with a motor and one without. Keep the motor near the press (electric connections remain intact) and swap the dirty pump for a clean one. This reduces the chance of motor damage during changeover.

For solvent based liquids, use a certified flame proof / Ex proof flange mounted induction motor. For use with water based liquids, a standard flange mounted induction motor is adequate.



Graymills® double diaphragm pumps

These air driven pumps operate by the movement of two flexible diaphragms that move back and forth, alternately filling and emptying two chambers. As each chamber is emptied, the ink is pushed toward the print deck. A variety of applications are possible, because the inlets and outlets can be configured in different ways. Pump function produces a pulsating flow, where Valflow® surge suppressor filters are strongly recommended.

Graymills® peristaltic pumps

Also known as a “tube” pump, the peristaltic pump utilises a flexible tube which passes through a head and is squeezed by two rollers that push the ink to the print deck. These pumps are excellent for low to high viscosities, UV and EB. A variable speed motor controls the flow (no valves or by-passes required). Graymills® peristaltic ink pumps are reversible so that ink can be drawn back from the print deck at the end of a run, reducing turn around time. Additionally, they are easy to clean – or use the “quick change” removable head option and change over the entire system in seconds.



Manufactured by



An ISO 9001:2015 Certified Company

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* Product specifications are subject to change