

Valflow®

INK TEMPERATURE STABILIZER

Recent studies have shown that warm ink is a major dampener to economics on rotogravure and flexographic printing presses. It causes increased use of inks and solvents and lowers print quality by destroying dot structure.

On each print station, an ink circulating pump delivers ink from the tank to the print station. As the print run progresses, temperature of the ink rises and then stabilises at a high temperature over time. This high ink temperature results in higher solvent evaporation, which in turn means higher top-up solvent consumption.

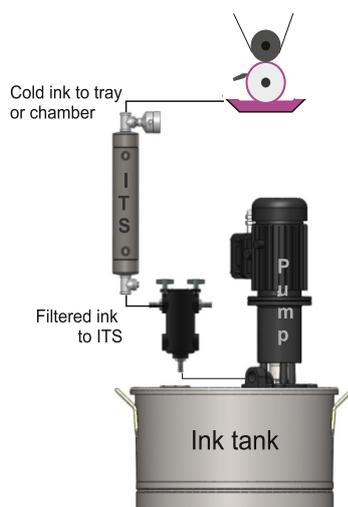
The Valflow® Ink Temperature Stabiliser (ITS) system cools down the warm ink circulating in the press to a level that suits the process and the ambient conditions. This ensures consistency of printing and reduces top-up solvent consumption and in some cases also the ink consumed.



Valflow® Ink Temperature Stabiliser (ITS) provides big savings in solvent consumption through ink cooling on flexo and gravure presses.

Benefits

- Reduced odour due to lesser fugitive (evaporative) losses. Lesser solvent vapours ensure better safety and health
- Better dot quality, reduced ring formation. Hence print quality is enhanced
- Reduced solvent consumption gives very attractive payback period



The advantages of working with Valence begin with our detailed process knowledge. We understand your application by ascertaining the amount of cooling you need, which depends on your printing process, the types of inks and solvents used, their consumption and temperature pattern, the weather conditions in your region, etc.

We then apply our knowledge and experience to offer you a suitable solution. This can either be from our standard product portfolio or a tailor made system solution that includes appropriately sized heat exchanges, process chiller, ex-proof temperature sensors, solenoid valves, temperature controllers, pumps, pipes / tubes, fittings, filters and related accessories.

Manufactured by

VALENCE
Electrons Pvt Ltd

An ISO 9001:2015 Certified Company

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* Product specifications are subject to change