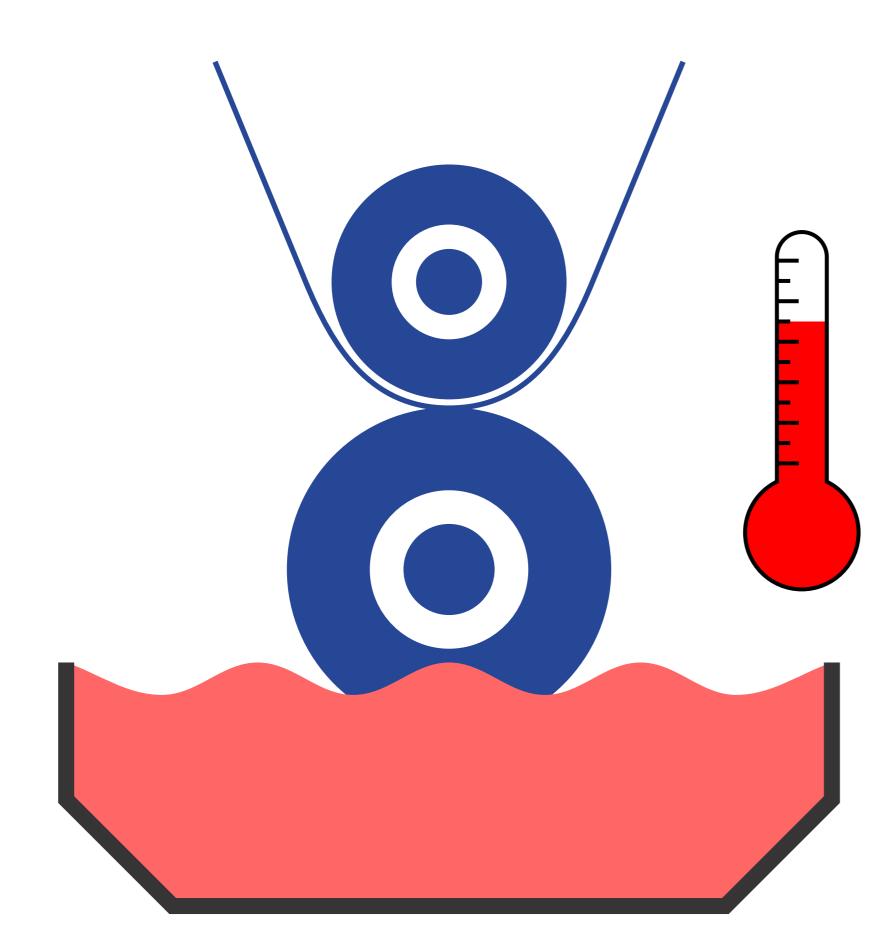




SAVE WITH INK COOLING SYSTEMS

in rotogravure printing

WITHOUT INK COOLING



Increased ink temperature results in



Solvent evaporation – more top up solvent requirement

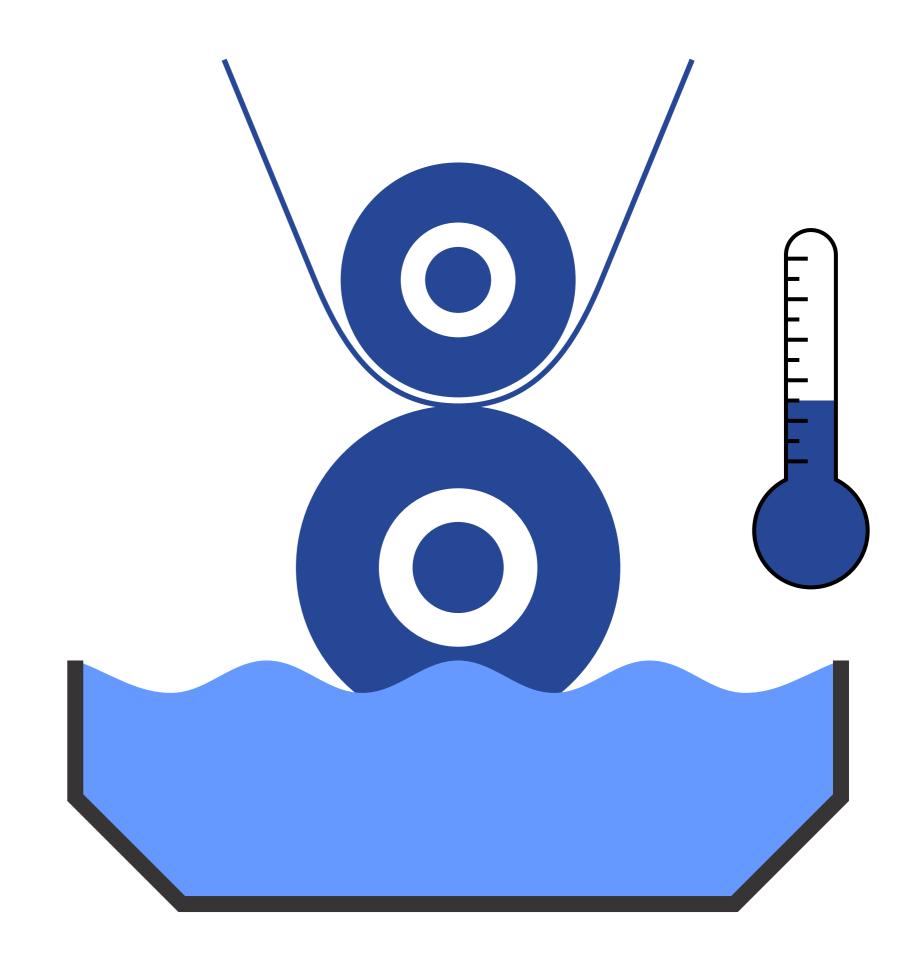


Unpleasant odour of solvents on shop floor and an unhealthy working environment



Reduced print quality – material rejections and rework affect profitability and productivity

WITH INK COOLING



Use of Valflow® Ink Temperature Stabiliser leads to



Minimal evaporative solvent losses

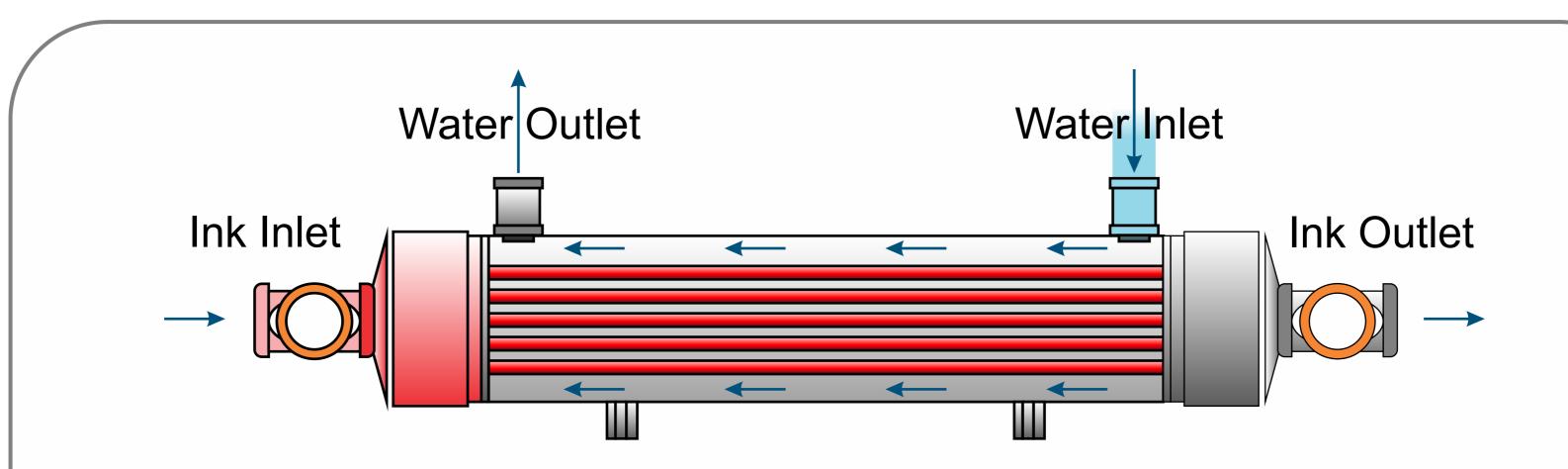


Reduced odour of solvents on the shop floor; healthier working environment

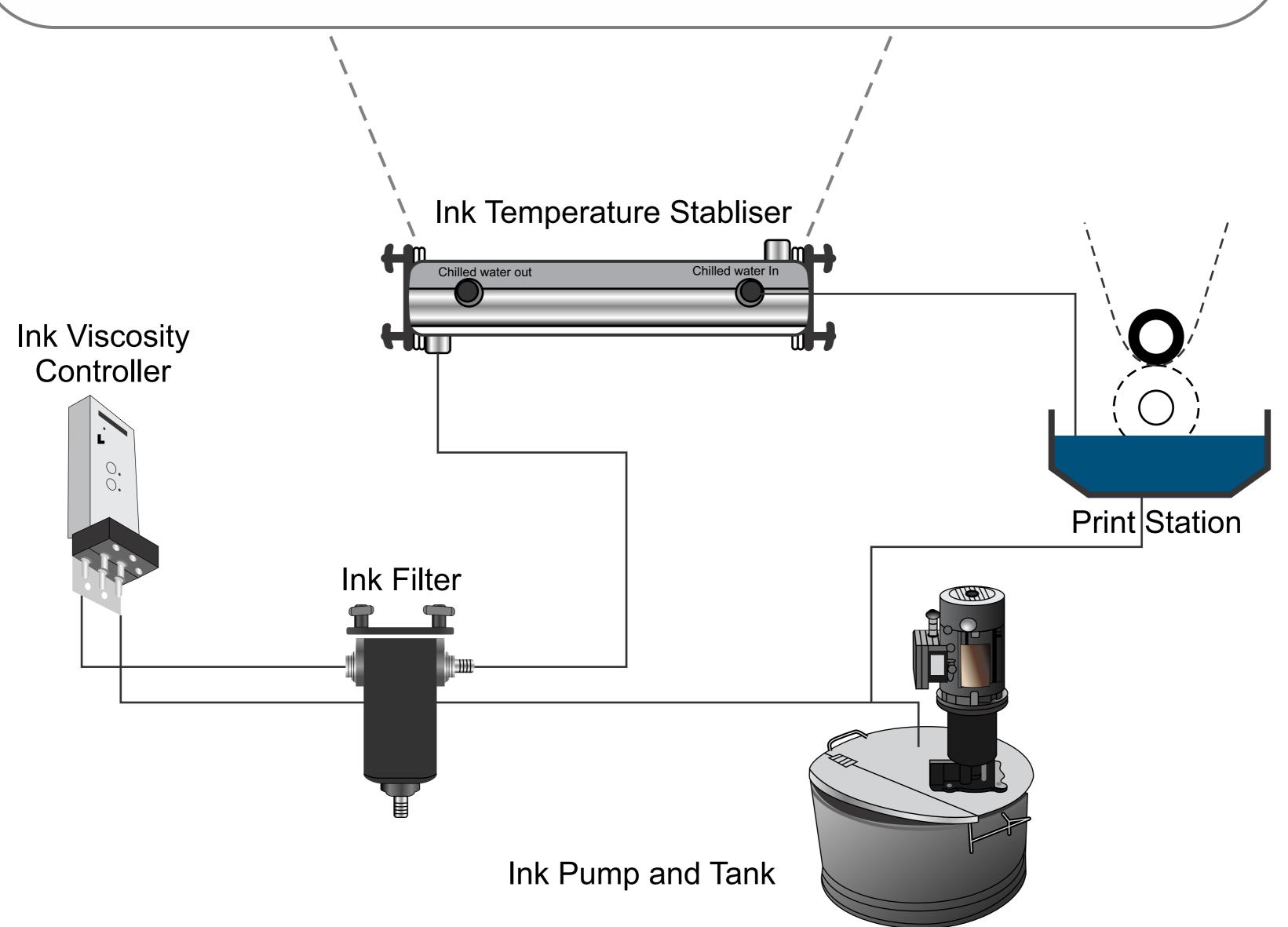


Consistent print quality – meaning lesser rejections and improved productivity and profitability

How the ITS works



As the print run progresses, the ink temperature tends to rapidly rise above the ambient temperature. 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 and, in some cases, even ink consumption. The ITS has a leak-proof shell and tube heat exchanger design with chilled water as the media of heat transfer.



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