

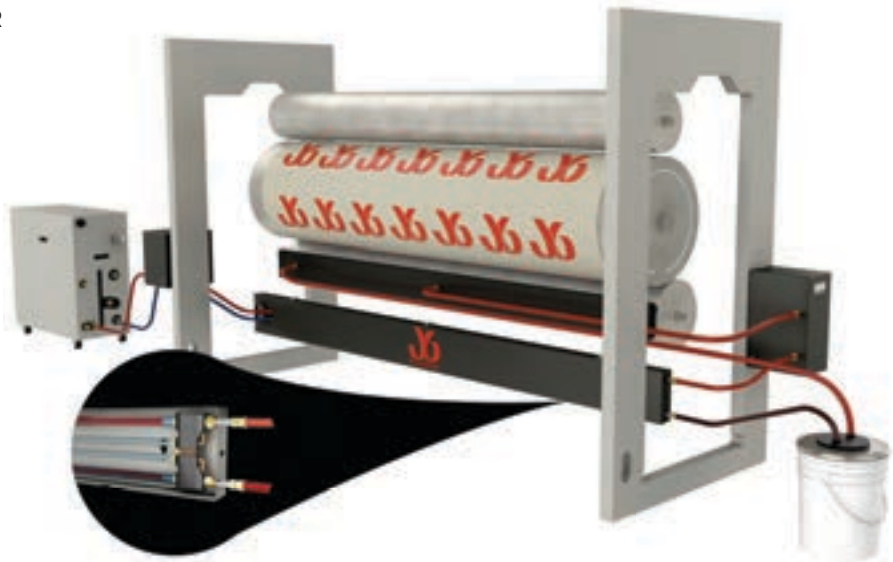
GREEN, EFFICIENT, AND COST EFFECTIVE

SAVE TIME AND OPTIMIZE LABOR

Popular as a retrofit on existing equipment, as well as an option for new machines, InKomand® precise ink management control lowers setup times, dramatically reduces material waste, and eliminates the operator task of constantly monitoring the ink condition during the run. InKomand continually monitors and automatically makes finite adjustment to ink characteristics (temperature, viscosity, and pH) to maintain perfect printing parameters. If necessary, InKomand, without operator intervention, adds the precise amount of adjuster needed. It eliminates viscosity and pH swings which lead to color variation, inconsistent drying, jams, sheet wraps, and spoiled ink all which contribute to significant waste of product, material and time.

Go Green and Save Green

AutoDryer Control™ (ADC) – 2023 FEFCO Silver Award for Best Innovation – is available as an upgrade on all new ColorDry XL3000 systems as well as being a popular retrofit for existing ColorDry installations. ADC eliminates the over-consumption of energy due to over-powering IR drying systems and minimized operator intervention. Users of the system report minimum energy reductions of 20% with many reporting dramatically higher savings.



Different inks and different ink/substrates combinations require different power settings to deliver the most efficient drying. Certainly, setting all dryers to 100% power will virtually guarantee dry ink. However, max power is seldom necessary to provide optimum drying. ADC uses a learned algorithm that analyses data for the substrate, ink, speed, and environmental conditions of the user's facility. Using this information, ADC automatically sets and adjusts the power to maintain a globally set surface temperature target.

Save Time, Water and Elbow Grease!

JB's AutoWash™ automatic plate washing system performs pre, during and post run plate washing of all plates, simultaneously in less than 4 minutes. Manual washing can take 5 to 10 minutes per plate!

AutoWash reduces plate washing time by 80 to 90 percent, but more importantly eliminates manual washing. The system also includes a 1.5 second print defect (hickey) removal cycle that runs without interrupting production, while rendering no more than 7 to 9 waste sheets.

And if you're concerned about the amount of wastewater produced by cleaning plates, AutoWash uses a 'moist brush' approach, only using enough liquid to properly clean the plates, instead of washing gallons of water down the drain.

JB Machinery products are engineered to help you maximize the efficiency, productivity, product quality, and profitability of your operations, but they also contribute to you goals of being a green member of your community.

www.jbmachinery.com