



InKomand precise ink temperature control

# ANCILLARIES FOR FLEXO PRINTING EXCELLENCE

**J**B Machinery® is a world-class supplier of efficiency, productivity, quality and safety enhancing equipment for flexographic printing on all corrugated board substrates and synthetics. JB's products are found on the top performing rotary die cutters and flexo folder gluers around the world.

## Precise Ink Temperature Control

InKomand® ensures consistent printing results by precisely maintaining ink temperature within the optimum performance range of 18-22°C / 66-74°F. Outside this range dramatic swings in pH and viscosity can lead to an array of print issues that cause significant waste and lost

production. Precisely controlling ink temperature stabilizes pH and viscosity minimizing the need for chemical adjustments. When necessary, the AUTO DOSING function makes adjustment without operator intervention. Benefits include higher quality print, consistent color, faster drying speeds, quicker cleanup, and a vast reduction in waste.

## Plate Washing

JB's Autowash™ automatic plate washing system (2021 Innovator of the Year winner) eliminates the need to manually wash printing plates, allowing printers to perform pre- and post-washes of ALL plates on the machine, simultaneously, in less than 4 mins. Regardless of the number of colors, all plates can

AutoWash automatic plate washing



be washed, dried and ready in less time than it takes to manually wash a single plate.

Fully automatic and hands-free. A water-based cleaning solution is applied as the soft full-width brush engages the plate with a dual action deep cleaning cycle followed by high velocity air drying, leaving the plate clean, dry and ready for storage or production.

Autowash also features an "in production" 1.5 sec print defect cycle that removes hickeys from printing plates without interrupting the production process.

## IR Drying

ColorDry® XL3000 IR Dryer systems are the preferred IR dryers for converters serious about safety, quality and productivity. JB's Sentinel® LED based light

curtain provides a superior level of safety making it the safest IR dryer system on the market. XL3000 includes LED Lead Edge Sheet Detection, local



ColorDry XL3000 IR Dryers and ColorDry XL-UP upgrades

**JB Machinery® is a world-class supplier of efficiency, productivity, quality and safety enhancing equipment.**

## Print Defect Elimination

KleenPlate® 3.0 print defect eliminator with auto plate washing continues to be a product of choice for high-quality graphics printing. Offering WetKleen, DryKleen, on-demand SpotKleen and Continuous Wipe cycles, operators can quickly select the cycle that meets their needs. KleenPlate minimizes or eliminates impurity defects, color variation, dot gain, anilox roll feedback, paper jams and plate wraps, resulting in optimized productivity, reduced waste and superior quality.

## UV Curing

ColorCure® ColdUV®, with the newly introduced TurboBOOST power supply, maximum efficiency UV lamps and power circuit deliver a higher dosage resulting in massive cure speed increases (>50%) with no increased power requirement.

The TurboBOOST upgrade incorporates all the features and benefits above into a program to cost effectively bring existing systems up to the highest safety and performance standards. ■

[www.jbmachinery.com](http://www.jbmachinery.com)