

# Ink Systems



**SUN**  
AUTOMATION GROUP



The **ColorMaster** single blade system is an affordable upgrade for 2 roll flexo units. It includes the inking body, support beam and mounting brackets to follow the anilox roll and tool less blade change. Options include an electronically controlled pump system, wash-up system and PLC control with touch screen interface.

## **Excellent Ink Metering**

**ColorMaster** ensures that only the ink in the cells of the anilox roll are transferred to the plate. This gives complete control of ink application. You can reliably print solids, line and screen work.

## **Easy Housekeeping**

Cleanliness requirements are similar to a 2 roll system.

## **Quick Blade change**

The blade can be changed, quickly and without tools.

## **How ColorMaster works:**

The **ColorMaster** system includes a chemically impervious ink body that is supported across its' length by a strong structural beam and loaded against the anilox roll by a continuous air bladder that ensures uniform contact of the metering blade to the roll. The ridged support beam, the mounting system that follows the roll and the uniform loading by the air bladder means that the blade meters the roll precisely.

The optional electronically speed controlled pump ensures that the system is always filled to the optimum level.

## **ROI Considerations**

<b>FACTOR</b>	<b>QUANTIFIABLE BENEFIT</b>
Rejections/Returns	Ink laydown is consistent under all conditions as compared to two roll systems where ink film varies with speed and wipe roll pressure settings
Graphic Printing	Higher margins through fine line and screen printing
Routine Maintenance	Costs to recover wipe roll once is about \$1,900. Blades for ColorMaster cost only \$500 per year
Clean-up	Daily clean-up is as easy as two roll systems