

MagneCote® Offset Printer Specific Tips

Komori Lithrone 528

+ Feeder Loading

Fan sheets to aid in separation.

+ Paper Alignment

For 24"x19", the 24" side is the gripper direction. For 20"x14", the 20" side is the gripper direction. For 12"x18", the 12" side is the gripper direction. For 8.5"x11", the 8.5" side is the gripper direction. Advance several sheets through the press to find any areas that MagneCote® may stick.

+ Register Plate in Feeder Area

Cover with Mylar and a caliper of 0.010"-0.012" with an opening for the automatic impression sensor eye and secured with tape across the entire trailing edge. Remove the blue steel bridges or cover with teflon coated tape.

+ Sensor Setup

P Sensor (impression): Turn On. Double Sheeter: Turn Off. Side Guide: Turn Off. RF Sensor: Turn Off. LF Sensor: Turn Off
(Note: This type of setup doesn't allow for any crooked sheet detection or automatic feeder trip off. It is very important to keep the lift small - 250 sheets.)

+ Start the Press

Begin by running standard coated paper preferably with 10 pt. caliper. Press ran at speed of 8,500 impressions per hour.

+ Delivery Area

A 30% increase of spray power is recommended, or use a larger micron size. More air on the slow down wheels will help in the delivery.

+ IR Dryers

May be used. Hold sheet temperature to below 120° F. Set the feeder table wheels light so there isn't too much pressure. Limit lift weights. Separate by racking to facilitate ink drying due to weight of paper.

+ After the Last MagneCote® Offset Sheet Passes into the Press

The feeder needs to be turned off manually using the "off" button.

+ Post Press Operations

Because of the superior printing surface holdout, the ink may take slightly longer to setup and completely dry. Smaller stacks will dry faster and are easier to handle for die cutting or trimming. Use minimum clamp pressure and test dryness and knife draw with a small lift prior to full production. It is recommended that the final product be fanned to separate the material prior to packaging.

Technical Information

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