

MagneCote® Offset Printer Specific Tips

Komori Lithrone 628

+ 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® Offset may stick.

+ Feeder Board Area

Cover the entire feed board by placing two sheets of 16 pt. clay coated newsback (CCN) under the feeder tapes and over the blue steel strips. Single out the CCN with about an inch overlap in the middle fastened with duct tape.

+ Register Plate in Feeder Area

Cover with Mylar and a caliper of 0.008" with an opening for the automatic impression eye and secured with double tape across the entire trailing edge and a small piece at each corner of the tail.

+ Side Guides

Adjust operator-side side guide to the proper position and gear-side side guide to its extreme most position against the frame wall. Set side guide with minimum pull on the guide because of the magnetic pole positions (1/16" apart) on the down side of the sheet. Use heavier spring on the operator side guide. Remove the blue steel bridges. Replace them with strips of CCN and fasten with duct 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: Since the electronic double sheeter is off, the mechanical choke and fuji/lueze detector must be set to pass three sheets and trip on four.)

+ Start the Press

Begin by running standard coated paper preferably with 10 pt. caliper.

+ 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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