

Adjustable Magnetic Plate Cylinder

for Stolle Concord Decorators

Stolle Concord Decorator

Technical Update 1107-1



Stolle has introduced a new adjustable magnetic plate cylinder for Concord Decorators that insures the printing consistency of all the cans. The Concord decorator plate cylinders are designed to hold two identical plate images (A and B), so one revolution of the plate cylinder would apply print to two segments of the blanket wheel which would print two cans. There are times when the machine registration cannot be adjusted to allow both images to be in the same register due to plate making process errors, machine not in correct specification, etc.

The new adjustable magnetic cylinder has adjusting screws that allow the B side plate to be independently registered in both the axial and circumferential directions to the A side plate. The 3 adjusting screws are made of hardened steel with slots, and provide a total adjustment of .020" in four directions.

To perform accurate plate registration, the operator installs the 2 plates on the magnetic cylinder for each color. The adjustable screws for the B side should be set in the neutral "0" position, which is 180° opposite of the A side plate position. The existing scribe line at the top of the cylinder would be in alignment to verify true zero position and that the plate is not skewed. The A side plate for each cylinder is then adjusted using the decorators' running registration. If any of the B side print images are misregistered, the operator can remove the plate cylinder from the decorator, remove the B side plate and use a screwdriver to set the 3 adjusting screws to bring the B side image into perfect registration with the A side image. There is one adjusting screw for axial (side lay) registration and 2 screws for circumferential registration. NOTE: When installing the plate cylinders on the decorator, all A side plate images should print the odd number blanket segments and all B side plate images should print the even number blanket segments.

Stolle's new adjustable magnetic cylinders for Concord Decorators are available as retrofit parts for existing machines, or on new machines for an upcharge.



Stolle's new adjustable magnetic plate cylinder for Concord Decorators



A side plate area



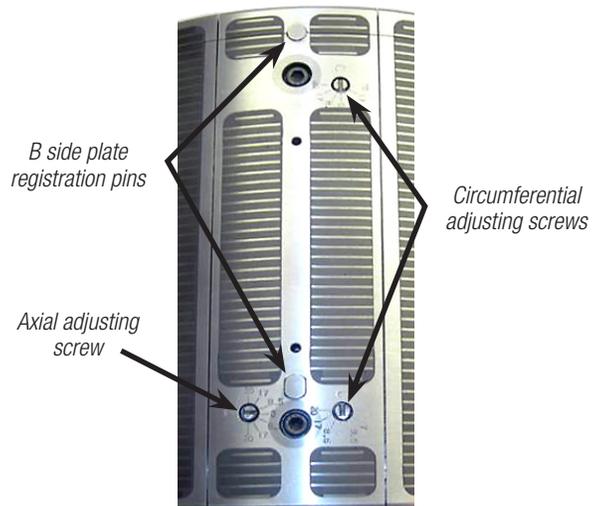
B side plate area with three adjusting screws

For more information and pricing on the new Concord Adjustable Magnetic Plate Cylinder, please contact Tom Beebe at Stolle Centennial at +1 303-708-5141 or tom.beebe@stollemachinery.com.



Stolle Machinery Company, LLC

6949 South Potomac Street, Centennial, CO 80112
Phone: +1 303-708-9044 Fax: +1 303-708-9045
www.stollemachinery.com



B side plate registration pins

Axial adjusting screw

Circumferential adjusting screws

A constant flow of innovations, technology and ideas that benefit customers.