Plate Cylinder Registration Fixture

for Stolle Concord Decorators

Stolle Concord Decorator

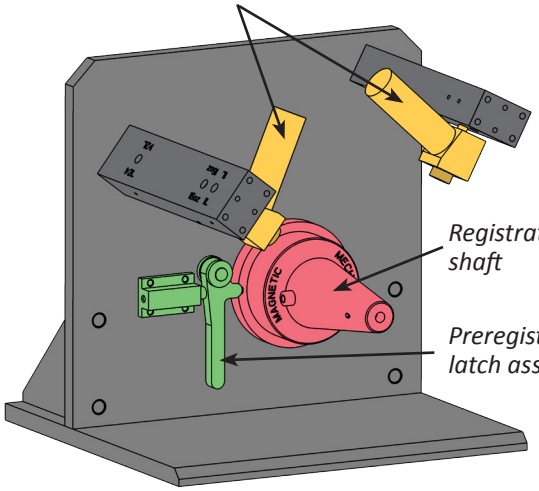
Technical Update 1407-3

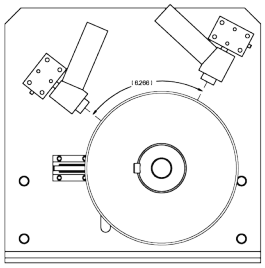
Stolle is pleased to offer a redesigned plate registration fixture for use with Concord Decorators. This fixture makes it easy for the decorator operator to confirm that the printing plates are properly registered to the cylinders before they are installed in the ink stations, which saves time during label changeovers and helps optimize the printing quality on the cans.

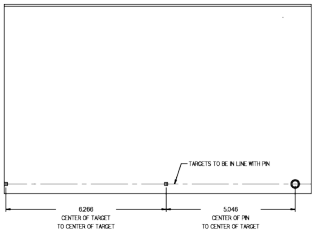
The key on the fixture's registration shaft can be configured to fit magnetic or mechanical cylinders, however another target scope will need to be added if using the fixture for mechanical lockup type plate cylinders. After mounting the cylinder on the shaft and attaching the two printing plates, the operator rotates the cylinder until the spring-loaded preregistration latch locks it in position for the first printing plates plate. The operator would view the two targets on the first plate through the optical scopes and confirm the registration of the plate to the cylinder. The operator would then release the latch and rotate the cylinder until it locks into position for the second plate, then view its targets to confirm the registration.

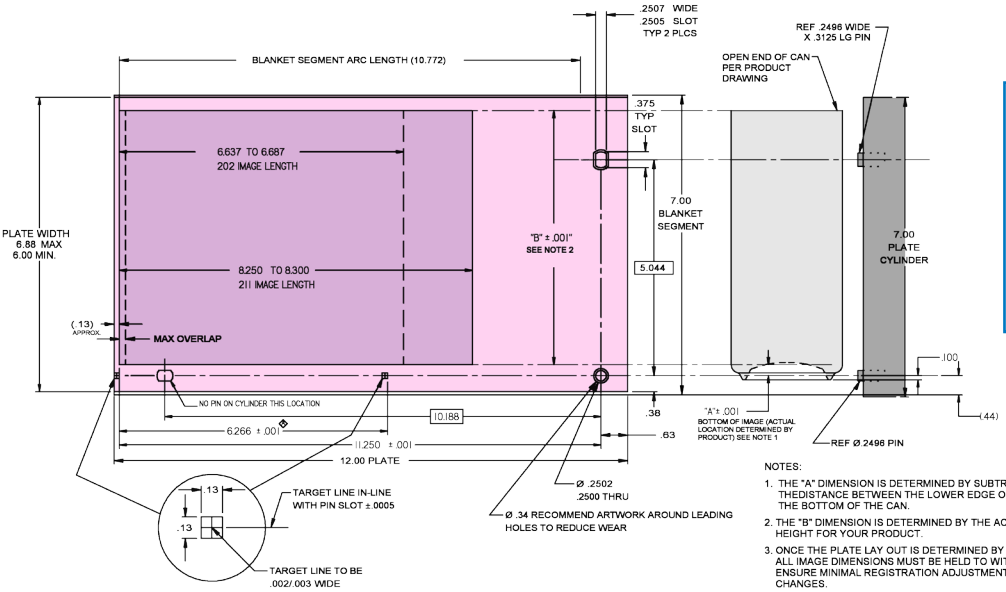
The redesigned Concord plate cylinder registration fixture is available from Stolle Global Parts and Service as part number 222067383.

Scopes for viewing targets on printing plates









NOTES:

1. THE "A" DIMENSION IS DETERMINED BY SUBTRACTING .1" FROM THEDISTANCE BETWEEN THE LOWER EDGE OF THE IMAGE AND THE BOTTOM OF THE CAN.
2. THE "B" DIMENSION IS DETERMINED BY THE ACTUAL PRINT HEIGHT FOR YOUR PRODUCT.
3. ONCE THE PLATE LAY OUT IS DETERMINED BY THE CUSTOMER ALL IMAGE DIMENSIONS MUST BE HELD TO WITHIN +/- .002" TO ENSURE MINIMAL REGISTRATION ADJUSTMENTS DURING LABEL CHANGES.

For more information about Stolle's redesigned plate cylinder registration fixture for the Concord Decorator, please contact Tom Beebe at Stolle Centennial at +1 303-708-5141 or tom.beebe@stollemachinery.com.

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