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Accessory A5: Lithobreak Attachment for the Tackmaster-92 or PC

Introduction:

The Lithobreak attachment for the Tackmaster-92 or Tackmaster-PC consists of the fountain solution tray, a fountain solution roller and a counterweight. This entire mechanism is assembled on the cleaning bar under the brass roller.

Preparation:

Before the operator begins the tack test they must fill the fountain solution tray with the desired solution. This can be done by removing the tray and then installing it onto the machine, or simply by pouring the solution directly into the tray while it is on the Tackmaster. The operator can gain access to the tray by reaching behind the brass roller assembly.

Tray removal:

Due to the compact size of the Tackmaster-92 the operator will have to position the vibrator roller in the center of its displacement range to remove or install the tray. This can be done by rotating the brass roller by hand until the vibrator roller moves to the center position.

Once the vibrator roller is in the center position, reach under the brass roller and turn the latch on the fountain solution tray about 1/4 turn, then carefully slide the tray out the front of the machine under the vibrator roller.

Operation:

Once the fountain solution tray has been filled and the tray has been installed onto the Tackmaster-92 the system is ready to operate.

It is suggested the Lithobreak test be done at slower speeds (800RPM or less) to eliminate excessive misting and flinging of the fountain solution during the test.

With the rollers not turning, apply ink to the rollers in the same fashion that you would perform a standard tack test. Next turn the Tackmaster to the auto position to begin the test.

Once the distribution process has finished and the tack value stabilizes the operator can perform the Lithobreak test.

Push the left hand lever located below the vibrator roller to engage the fountain solution roller. The counterweight will now press the fountain solution roller against the brass roller. This roller is partially submerged in the fountain solution thus the roller is transferring the fountain solution to the ink film on the brass roller.

Please observe that the fountain solution is used up quickly during this test. You may want to refill the fountain solution tray continuously while the test is running. This can be done by reaching behind the brass roller and refilling the fountain solution tray during the test.

To stop the lithobreak process, pull the left hand lever to disengage the fountain solution roller from the brass roller.

Fountain solution Roller distribution adjustment:

Locate the Lithobreak counterweight which is located at the base of the machine, just in front of the motor. Loosen one of the socket head cap screws that attach the lithobreak counterweight to the side arm. Simply change the alignment of the side arms to adjust the distribution of the fountain solution roller.