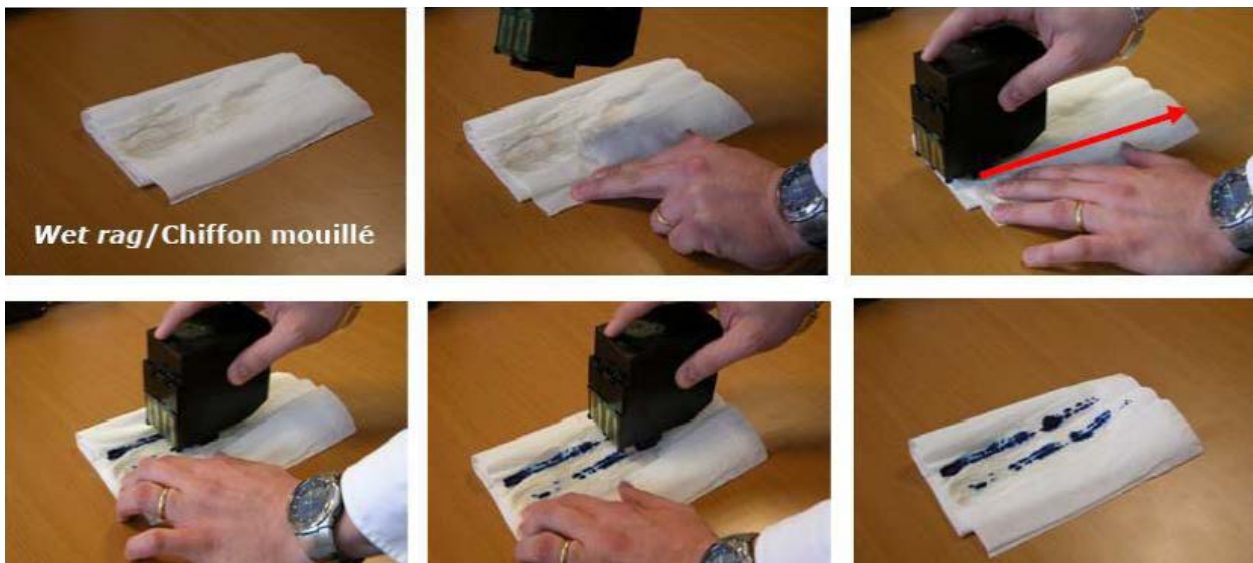


Improving Print Quality and Ink Yields

Follow these steps for improving print quality:

1. Remove the ink cartridge/print head from the mailing system.
2. Clean the ink cartridge/print head using a wet cloth as shown in the pictures below.
3. To clean the print head, remove the print head from the mailing machine.
4. Take the print head and wipe the nozzles across a damp paper towel as shown below. Repeat this process at least twice.
5. Put the print head back in the mailing machine and process a \$0.00 tape to print an indicia. If lines are still present, this would indicate that the print head has a bad nozzle and needs to be replaced.



Follow these steps if there is an error message or if the cartridge does not work when first installed:

If error messages occurs, switch the machine "OFF" or unplug the power cord.

Clean ink cartridge contacts with an eraser and clean pogo pins with a damp soft cloth

Inspect carriage contacts for wear

Re-install ink cartridge/print head and ensure cartridge fits snugly without play; then process a \$0.00 tape.

If the error remains, it's time to replace the print cartridge.



Improving Ink Yields:

Ink is consumed on any inkjet mailing system when:

- Printing an envelope (inducium, slogans, text, and inscriptions)
- Powering on (reboot)
- Going into Standby/Sleep mode
- Start/Stop (including between weighing envelopes)
- Continual “spitting” during operation to ensure inkjet print head nozzles remain open and clean for crisp, clear printing
- Cleaning maintenance

There are six primary reasons for different yields:

1. Number of batches processed. A batch is each time Start/Stop is pressed
2. Number of pieces (volume)
3. Number of times mail is processed per day
4. Number of times the "Sleep/On" key is pressed. Ink is consumed each time as the ink cartridge moves from the capping station and cleans itself
5. Printing of advertising slogans or text (graphics)
6. Environmental conditions: Air circulation and humidity affect the ink cartridge

Tips to improve ink yields:

- Ensure system has latest base software version
- Process mail one time per day in a single batch
- If holding mail to run one batch a day is not feasible, sort mail to process as few batches as possible maximizing the volume of mail in each batch
- Extend system “time outs” to minimize cartridge cleaning cycles and storage docking

IS/IM/IN accessories that can help improve ink yields:

- Dynamic Scale – allows larger batch sizes and may improve yields by up to 30% • Conveyor Stacker – keeps production running for continuous processing