

Lesson Five

Efficient Production Techniques

TAKING STOCK BEFORE MOVING ON

It is apparent from a review of the previous materials that the Goss Metroliner Press System is a complex set of components. For maximum efficiency of operation it is necessary that precise housekeeping and maintenance procedures be followed regularly for each of these components.

Just as makeready procedures are based on the cooperation and efficiency of the press crew, so must clean up and maintenance procedures be identified and followed regularly. Ample time should be available at the end of each press run to clean and prepare the press room and the equipment for the next press run.

UNIT CLEAN-UP PROCEDURES

At the completion of a press run it is apparent that old plates must be removed from the printing cylinders and at this time unit clean-up procedures must be initiated.

Cleaning Rollers. Ink rollers must be cleaned or "washed up" after every run. An ink train washup device is provided for each roller train. An ink train washup toggle switch is located in the unit leg compartments (see Figures 19 & 20). The half deck toggle switch is located in the aisle of the operating side frame. When washing up the ink roller train, turn the switch position to ON. This switch activates air cylinders which engage a plastic scraper blade with the distribution ink drum.

To complete the cleaning process the pressman must:

1. Make sure the ink feed and ink form rollers are in the OFF position.
2. Move the Ink Train Wash Up Switch to ON.
3. Press the INCH button at the nearest plating station and as the rollers are moving, apply generously recommended solvent to the distribution ink drum. This is applied using a plastic squeeze bottle and directing a stream of wash up fluid to the drum.
4. Continue to squeeze an ample amount of roller wash onto the ink distribution drum as the press is moving. Unless enough roller wash is used, a mixture of ink will remain on the rollers and dry. This may cause damage to the rollers.
5. Never apply solvent to moving rollers with a rag. Apply solvent *only* with a squeeze bottle.
6. Be sure that roller ends receive adequate amounts of roller wash. The ends of a roller are often neglected, but need particular care because ink build-up occurs on them. This ink accumulation and resultant hardening may cause damage to the roller.