



Your Digital, Electronic Imaging Specialists

DEI EQUIPMENT REFURBISHMENT PROCESS

Imagesetters

- **Each piece of equipment purchased from DEI is completely refurbished, tested, cleaned, and painted (if needed).**
- Before initial testing, machines are cleaned inside and out.
- Parts are tested and replaced as needed:
 - *Rollers* - worn rollers are replaced.
 - *Spinner motors* - checked and cleaned thoroughly and rebuilt or replaced if needed.
 - *Power supplies* - checked and repaired or replaced if needed.
 - *Mirrors and lenses* in the optics modules - cleaned and inspected for corrosion. Corroded mirrors are replaced.
 - *Transports* - cleaned and tested to make sure they are operating to factory spec.
 - *Control panels* - check for proper functionality. Non-functioning units are replaced.
 - *Cassettes* - cleaned and checked for proper functionality. Faulty cassettes are repaired or replaced.
- We run a full roll of film to test and make sure no problems are encountered. A sample of tests:
 - Calibration tests
 - Registration grids
 - Complex color jobs
 - Buyer's job if requested

Processors

- **Each processor purchased from DEI is thoroughly refurbished, cleaned, tested, and painted (if needed).**
 - All panels are removed and cleaned.
 - Roller racks are disassembled & cleaned - defective gears or rollers are replaced.
 - Tanks are scrubbed clean.
 - All Replenishment pumps are replaced with new pumps
 - For testing - water is added to the tanks and the processor is turned on. It is checked for:
 - circulation pump operation
 - heater operation for both solution and drier
 - liquid level sensors operation
 - cover safety switch operation
 - water solenoid operation
 - exhaust fan operation
 - any defective parts are replaced
 - The control panel is then checked for proper operation.
 - CPU operation is tested and machine is ran at temperature of 95 degrees, and a 30 second develop time
 - The motor is calibrated.
 - Hoses are replaced if needed.
 - Processors are then given a final cleaning with a purging of all liquids.
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