



Your Imagesetting Information Company !

BWI EQUIPMENT REFURBISHMENT PROCESS

Imagesetters

- **Each piece of equipment purchased from BWI is completely refurbished, tested, cleaned, and painted before shipment.**
- 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.
 - *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.
- Test jobs are run after refurbishing process is complete. A sample of tests run:
 - Calibration tests
 - Registration grids
 - Complex color jobs
 - Buyer's job if requested
- Machines are then run for 2 -3 days to "burn in" and make sure no problems are encountered.
- Final cleaning and painting are the last steps of the process.

Processors

- **Each processor purchased from BWI is thoroughly refurbished, cleaned, tested, and painted before shipment.**
- All panels are removed and cleaned.
- Roller racks are disassembled & cleaned - defective gears or rollers are replaced.
- Tanks are scrubbed clean.
- 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
 - replenishment pump operation
 - 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.
- Final cleaning and painting of covers and frame are the last steps of the process.

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Scanners

- **Each scanner purchased from BWI is completely refurbished, tested, and cleaned before shipment.**
- Before initial testing, machines are cleaned inside and out.
- Optics are inspected and cleaned.
- Lamps or bulbs are tested and replaced if defective.
- Other Parts are tested and replaced as needed.
- Drums are inspected for crazing or scratches. Drums with crazing are replaced. Drums with scratches are refurbished.
- Scanner is tested after refurbishing process is complete.
 - *Test with software* - Software that will be shipped with the scanner is installed and the scanner is tested with this software to verify operation
 - *Transparency scan* - A variety of transparencies are scanned
 - *Reflection scan* - A variety of reflection originals are scanned
 - *Test scan CD prepared* - These test scans are burnt to a CD and the CD sent with the scanner.
- Final cleaning is the last step of the process.