

Section 6

Preventative Maintenance

PREVENTIVE MAINTENANCE

Iconotech suggests that regular preventive maintenance checks and procedures be performed to help extend the life of machine components and keep the case printer running at peak performance.

The following preventive maintenance procedures should be performed at the intervals indicated:

- Weekly**
- Check pressure gauges on FRL assemblies (press and restacker) and adjust accordingly - setting should be 60 PSI on the restacker, 70 PSI on the press unless a different setting provides better print quality.
 - Check emergency stop buttons and Plexiglas lid interlock switch for operation. Tag machine if case printer does not stop immediately, and repair as required before using machine.
 - Check for noises that may indicate loose belts, or chattering caused by low chain tension. Adjust as required.
 - Ink in and out tubing for wear (move to new location)
 - Lubricate cam-follower tracks, lifting print cylinder, in side plates.
- Monthly**
- Check oil level in FRL lubricant reservoir, and fill if necessary
 - Inspect belts for excess wear and replace as required.
 - Lubricate bearings -- each end -- on connecting rod (by the clutch)
 - Inspect and lubricate main chain drives
- 6 Months**
- Check lubricant level in gearbox
 - Lubricate sprocket bearings
 - Check hardware for tightness at non-adjustable mounting points and tighten as necessary.
- Annually**
- Inspect sprockets and pulleys, and service as required.
 - Visually check major components for signs of excessive wear or impending failure, and replace or repair as required.
 - Check lubricant levels in the gearboxes on the restacker.
 - Check belts in conveyor.

! NOTE !

The following instructions must be followed to ensure that reassembly practices conform to the original machine assembly requirements.

1. Use Loctite "242" (removable) to secure all hardware.
2. Use "Neverseize" compound on all metal-to-metal surfaces that may require disassembly. This includes shafts, bolts, and contact between dissimilar metals such as steel and aluminum.
3. All "Split Bearing Housings" are machined as single units, and are marked at one end with a letter on both the lower and upper halves. These housings must be reassembled with the letters on the same side.
4. Tighten all screws, bolts, and nuts securely. Excessive force may make later removal difficult or impossible, particularly if Allen sockets are stripped. Do not reuse hardware that is damaged or marginally acceptable.

General Maintenance

For best performance, keep the case printer clean. Use compressed air to blow corrugated particles and other debris out of machine at the end of each shift.

Keep the area around the case printer clean to prevent dangerous trip and fall accidents, and to keep debris away from machine components.