

Bantam-1 / Count-Wise-1 & M TOUCH SCREEN

Operation, Service Manual and Parts Guide

MAINTENANCE

1. **Filter Assemblies** Remove jar and clean filters **daily**. Depending upon the amount of paper dust, more frequent cleaning or replacement of filters may be necessary. Be sure jars are tight to avoid vacuum leaks. (depending on model Filter jar is located on Carriage of counting head or upper rear left inside back cover)
2. **Wiper Pin Bearings (*Critical):** Due to the extreme load placed on the wiper pin assembly, it must be checked **daily** for free spinning and **no** excessive up and down movement.
(Refer to page 28, Counting Head diagram: part #6 – Wiper Pin Housing.)
To lubricate: Remove brass end cap using a large tipped, flat screwdriver and push assembly through housing. Use either **Teflon based** oil, any **high-grade** motor oil, **lithium or Teflon** grease and place directly onto bearings. It is **not** recommended to use multi-oil or light household oil because it will not adhere to the ball bearings. **Lubricate weekly or every 40 hrs of operation. (See #6 below for additional lubrication points.)**

NOTE: Depending upon amount of usage and material dust, more frequent lubrication may be required. Be sure end cap is tight.

3. **Knife Assembly (*Critical):** The knife assembly should be checked **daily** for free movement. If knife appears sluggish, use a high-pressure contact cleaner and spray directly onto knife. Disassembly of the knife may be required to clear barrels internally if sluggishness persists. Do **not** use any oil on knife assembly. This will attract dust and cause knife malfunction.
4. **Tape Loop Drive (*Critical):** To ensure proper tape loop and tabbing, the tape loop drive must always spin freely. Check that all o-rings are in place. If tape loop drive is binding, it may have to be disassembled and lubricated using a light oil. When reinstalling, do **not** sandwich pieces together tightly. Remember that it must move freely. **Inspect and check monthly (every 30 days).**
5. **Counting Blade:** The wiper pin must orbit the blade without coming in contact with it. Any scoring of the blade can cause tearing, miscounts, or marking of the stock being counted. If blade shows signs of wear, it must be replaced. If paper chips or dust becomes lodged in blade, it must be removed and cleaned. When reinstalling, make sure housing seat and bottom of suction blade are clean and be sure blade is tight to avoid vacuum leaks.
6. **Additional lubrication points (weekly, or every 40 hrs of operation, using a light oil):**
 - Pivot bearings (on sides of head)
 - Connecting ling bearings (dog bone assembly)
 - Rocker arm assembly (in head; remove covers)
 - Tape drive assembly (in head; remove covers)

NOTE: Do not spray lubricant inside mechanical parts on head; this action will cause head **failure**. If you have any questions, contact the factory.

7. Inspect upper and lower knurled wheels and gears. Check all mechanical and electrical connections for tightness.
8. Machine: General cleaning of machine may be done using glass or all-purpose cleaner.

NOTE: Remove any tabs from bottom of machine that could block the laser pick-up assembly.