

Feeder Maintenance Checklist

- Feed Belts: Are the feed belts in good condition?**
Yes: Clean with denatured alcohol and reinstall.
No: Replace belts for better feed results.
- Stripper Wheels: Are the stripper wheels completely round without flat spots?**
Yes: Reinstall the stripper wheels.
No: Replace for better product separation also inspect the lever arms and shaft joints.
- Lever Arms: Are the lever arms worn out by the eccentric arm?**
Yes: Replace for better product separation and to prevent flat spots from forming on the stripper wheels.
No: Clean the one way bearing, regrease, and reinstall.
- White Nylon Gears: Are the teeth of the white nylon gears worn?**
Yes: Replace for lower noise and better control through the delivery.
No: Clean the dirt off and reinstall.
- Drive Gear Belts: are they worn out?**
Yes: Replace the gear belts.
No: Reinstall the gear belts.
- Delivery Belts: Are the delivery belts worn smooth, are the belts stiff?**
Slick: Replace for better product control in the delivery.
Stiff: Replace for more consistent gapping on the delivery.
Neither: Reinstall the belts.
- Joint Rod Ends: can the joints move freely. Have they worn a groove into the shaft?**
Moves Freely: Apply a coat of oil and reinstall.
Moves stiffly: Clean and inspect if required replace. Apply a thin coat of oil.
Grooved shaft: Move the joint to a section of good shaft and check for play. If there is play replace the joint rod end and the shaft if there is no play replace just the shaft.
- Delivery Bearings: (if applicable) Are the bearings grooving the shaft or collars?**
Yes: Replace the bearing, collar, and shaft. This caused drag and heat buildup.
No: Clean, regrease, and reinstall.
- Feed Belt Idler Pulleys: are the needle bearings in good condition?**
Yes: Clean, regrease and reinstall.
No: Replace before it wears into the idler shaft.
- Upper Delivery Belt Idler Pulleys: are the needle bearings in good condition?**
Yes: Clean, regrease and replace.
No: Replace to prevent belt drag and damage to the shaft.
- Upper delivery belt tensioner: do the bearings move freely?**
Yes: Clean, regrease if necessary and reinstall.
No: Replace to prevent heat buildup and drag on the delivery belts.
- Lower delivery belt idler shaft: does the shaft move freely?**
Yes: Clean, regrease and reinstall.
No: Replace to prevent damage to the shaft or delivery frame.
- Shafts: Is there any grooving and /or marring?**
Grooving: Replace the bearings that caused the groove and the shaft.
Marring: Could be caused by using improper set screws make sure that only brass tipped set screws are used.
- Motor: Is the motor behaving erratic or sluggish?**
Yes: Contact Fusion Concepts regarding possible motor refurbishing.
No: Reinstall the motor.