

TROUBLESHOOTING GUIDE

FC1000

1 – Clip does not drive
correctly

2 – Clip is not feeding

3 – Blade is stuck

4 – Recommended
maintenance

1 – Clip does not drive correctly

- Add lubrication
- Check air pressure
- Check tool anvil height (may be too low or high)
- Check for air leaks
- Make sure that the operator has a full pedal cycle (not short-cycling)
- Rail not up against guide plate
- Check for voids or knots in the wood
- Check to see if the muffler is dirty or obstructed
- Bad valve (VH0469)

2 – Clip is not feeding

- Check air pressure
- Add lubrication
- Clips are too loose or tight on the coil
- Check to see if clips are routed correctly and are free on the track
- Does the clip dispenser turntable spin freely?
- Is the VC3164 brake in place and adjusted properly?
- Is the feed cylinder engaged and mounted tightly?
- Are the feed pawls in the side-plate engaged and working properly?
- Are the feed pawl springs worn?
- Are all of the VH0524 balls in place?
- Is the VC3016 clip feeder spring functioning?
- Is the VC3035 driver blade stuck in the down position?
- Check the collation of the clips for condition (compare them to other samples)

3 – Driver blade is stuck in the down position

- Add lubrication
- VH0325 set screws may be loose
- Driver blade may be broken
- Cylinder(s) may be broken
- Check for burrs on the VC5902 and VC5903 side plates
- Bad VH0469 valve

4 – Recommended maintenance

- Daily
- Add 2 to 3 drops of 30W non-detergent no-additive oil to opening between the front plate and the top of the blade of the tool assembly
- Weekly
- Check for loose or missing screws, nuts, or bolts
 - Remove air hose from clip feeder assembly and add 2 to 3 drops of 30W non-detergent no-additive oil to the hose opening and reinstall
 - Remove tool air supply hose and add 2 to 3 drops of 30W non-detergent no-additive oil to the hose opening and reinstall
- Bi-weekly
- Drain reservoir air tank of water/condensation
- Monthly
- Clean mufflers (remove and clean)
 - Remove front plate from tool and lubricate drive blade, front plate, and top plate
 - Check hoses for cuts and abrasions
 - FC1000 only: clean and oil clip dispenser turntable assembly
- Annually
- Rebuild tool
 - Degrease and clean all machine areas