For service, call 1-800-462-2466, and have the model and serial number of your machine ready.

1. Plugged in? 
   - Yes: Release plate and lube lead screws.
   - No: Plug in machine and try again.

2. Top Plate Bound? 
   - Yes: Release plate and lube lead screws.
   - No: Couplings/spider/set screw broken?

3. Voltmeter? 
   - Yes: Loose wire connections?
   - No: 34 VAC at PCB?

4. 110 VAC at transformer? 
   - Yes: Replace fuse.
   - No: Blown fuse?

5. 110 VAC at terminal block? 
   - Yes: Replace fuse.
   - No: Replace faulty Transformer.

6. 110 VAC at line? 
   - Yes: Plug into outlet with 110VAC.
   - No: 300 OHMs at 5 & 6 on PCB?

7. Voltmeter? 
   - Yes: FMD/Service Req'd.
   - No: 34 VAC at PCB?

8. 34 VAC at PCB? 
   - Yes: FMD/Service Req'd.
   - No: All ops normal?

9. All ops normal? 
   - Yes: Done.
   - No: Continuity to clamp motor?

10. Continuity to clamp motor? 
    - Yes: Clamp motor or PCB defective.
    - No: Repair connections.

11. Repair connections? 
    - Yes: FMD/Service Req'd.
    - No: 300 OHMs at 5 & 6 on PCB?

12. 300 OHMs at 5 & 6 on PCB? 
    - Yes: Visually inspect switches and relays.
    - No: Couplings/spider/set screw broken?

13. Couplings/spider/set screw broken? 
    - Yes: FMD/Service Req'd.
    - No: 110vac at transformer?

14. 110vac at transformer? 
    - Yes: Replace faulty Transformer.
    - No: Blown fuse?

15. Blown fuse? 
    - Yes: Replace fuse.
    - No: Replace faulty Power Cord.

16. Replace faulty Power Cord? 
    - Yes: FMD/Service Req'd.
    - No: 110 VAC at Line?

17. 110 VAC at Line? 
    - Yes: Check for continuity from # 6 on PCB to switches, relays and terminal block.
    - No: Repair break or replace bad switch or replace PCB.

18. FMD/Service Req'd

19. FMD/Service Req'd

20. FMD/Service Req'd

21. FMD/Service Req'd