



Westbrook
Engineering

Metal Fabricating Machinery

www.westbrook-eng.com 1-800-899-8182 info@westbrook-eng.com

Used Bandsaw

20 Point Inspection and Repair Process

1. **Gear Reducer** - Inspect for external signs of bearing or gear wear, i.e. excessive shaft play, gear lash, seal leakage or bearing noise. Replace parts as necessary.
2. **Vari-Drive** - (if applicable) Check condition. Check for pulley wear and alignment. Align if needed. Check condition of belt; check operation of powered speed changer if equipped. Recalibrate blade speed indicator. Replace parts as necessary.
3. **Hydraulic System** - Check for leaks; inspect solenoid valves, cylinders, gauges, fittings, etc. Replace parts as necessary.
4. **Cam Followers** - (Dual column machines) inspect and lubricate.
5. **Blade Tension Assembly** - Lubricate slider plate and adjust tension as necessary.
6. **Hydraulic oil and filter** - Inspect and replace as necessary.
7. **Lubrication Points** - Grease or oil all as required, i.e. idle wheel bearings, pivot points, guide rails, lead screws, pillow blocks and roller drive chain. Replace parts as necessary.
8. **System & Cutting Pressures** - Check and adjust.
9. **Powered Blade Brush** - Check for proper operation and replace as necessary.
10. **Vises & Barfeed** - Inspect all for vise plate wear and proper operation. Check operation and alignment of feed to saw.
11. **Blade Guides** - Inspect condition and replace as necessary.
12. **Band Wheels** - Inspect for excessive wear, crowning or taper and replace as necessary. Inspect idle wheel bearings and drive wheel run out. Replace as necessary.
13. **Guide Arm Assembly** - Check alignment, check that saw blade is square to vise and that the feed of the saw head is within specifications. Realign if necessary.
14. **Blade Tracking** - Inspect and adjust if necessary.
15. **Feed System** - Calibrate feed rate.
16. **Coolant System** - Check coolant pump operation and condition of coolant lines. Replace as necessary.
17. **Electrical** - Check all connections and secure if loose. Inspect cables and wires for fraying and insulation wear.
18. **Control Switches** - Check operation of all. Replace as necessary.
19. **Limit Switches** - Check adjustment and operation. Replace as necessary.
20. **Final Run Off** - Test run machine in all modes. Test cut and check parts for length accuracy and squareness.