



Preventive Maintenance Checklist

Promoting Band Saw Maintenance Best Practices

TOOL ROOM & PRODUCTION SAWS

Cosen Saws recommends the following scheduled checks and practices be performed in order to insure that your machine runs at maximum efficiency and helps extend machine life.

Daily |

- Check hydraulic oil level. If below $\frac{1}{2}$ add oil filling to $\frac{2}{3}$
- Check cutting fluid level... add fluids as necessary
- Check positioning of saw blade
- Ensure saw blade is properly clamped by left and right inserts
- Please check the wire brush for proper contact with the saw blade.
- Replace the wire brush if worn out

After ending a days work |

- Remove saw chips and clean machine
- Be sure the saw blade is fully stopped
- Clean behind blade idler and drive wheels

Weekly |

- Clean and lubricate table surfaces and movable vise tracks *(If applicable)*

Monthly |

- Grease bearings, wheels, universal joints *(perform bi-weekly for production saws)*
- Check gearbox and hydraulic oils if applicable, as well as coolant level and check for leaks.
(Perform bi-weekly for production saws)
- Clean coolant filter (in-tank, around-pump)
- Check blade guide bearings for smooth turning
- Check carbide blade guides for flatness
- Check v-belt for wear and tension

First 600 hours, replace initial gearbox oil and hydraulic oil and filter, then replace every 1200 hours or yearly, whichever comes first.

After 3 months |

- Check and add coolant (*If needed*)
- Check all bolts on wheels, guide assembly, covers, pulleys, fixed vises, cylinders, guide shafts, columns, cross links, and tension assemblies (*If applicable*)

**Full preventative maintenance is suggested yearly by a trained professional. Call for a quote.*

Every 6 months |

- Replace coolant (*If needed*)
- Check blade guide bearings for smooth turning
- Check carbide blade guides for flatness
- Check v-belt for wear and tension

If needed, schedule service tech to review blade alignment, cutting performance, and condition of all wear parts, replace if necessary, and make recommendations to increase productivity.

Every year |

- Replace gearbox oil if applicable (*Recommended*)
 - Replace hydraulic oil (*Recommended*)
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Cosen's Fluid Recommendations |

- Transmission Oil:
 - Worm and planetary gearbox: HD220
 - Worm gearbox only: 90W
- Hydraulic Oil:
 - Cosen Fluids ISO32 (*Available in 5 gal and 55 gal*)
- Coolant:
 - Cosen Cool, Water Soluble (*Available in 5 gal and 55 gal*)
 - Cosen Cool, Band Saw Misting Oil (*Available in 1 gal and 5 gal*)
 - Cosen Cool, Circular Saw Misting Oil (*Available in 1 gal and 5 gal*)

Customer Signature _____ **Date:** ___/___/___