

# GENERAL SAFETY RULES



**WARNING!** Failure to follow these rules may result in serious personal injury or death.

**IMPORTANT:** Before switching the spindle on, ALWAYS check the machine for the correct setting and speed.

- 1. FOR YOUR OWN SAFETY, READ THE MANUAL BEFORE OPERATING THE TOOL.** Learn the machine's application and limitations, plus the specific hazards particular to it.
- 2. ALWAYS USE A FULL FACE SHIELD-Strongly recommended** (must comply with ANSI STANDARD Z87.1 -USA) Everyday eyeglasses usually are only impact-resistant, and safety glasses only protect eyes. A full face shield will protect the eyes and face. Also, use face or dust mask if cutting operation is dusty.
- 3. WEAR PROPER APPAREL.** Do not wear loose clothing, gloves, neckties, rings, bracelets or other jewelry which may get caught in moving parts. Non-slip footwear is recommended. Wear protective hair covering to contain long hair.
- 4. USE EAR PROTECTORS.** Use ear muffs for extended period of operation. Use muffs rated to 103 DBA LEQ (8 hour).
- 5. DON'T USE IN DANGEROUS ENVIRONMENT.** Don't use power tools in damp or wet locations, or expose them to rain. Keep work area well lighted. The DVR Galaxi Lathe is intended for indoor use only. Failure to do so may void the warranty.
- 6. KEEP WORK AREA CLEAN.** Cluttered areas and benches invite accidents. Build-up of sawdust is a fire hazard.
- 7. KEEP CHILDREN AND VISITORS AWAY.** The Nova DVR Galaxi is **not recommended** for children and infirm persons. Such personnel and onlookers should be kept a safe distance from work area.
- 8. MAKE WORKSHOP CHILDPROOF** with locks, master switches, or by removing starter keys.
- 9. GROUND ALL TOOLS.** If the tool is equipped with a three-prong plug, it should be plugged into a three-hole electrical receptacle. If an adapter is used to accommodate a two-prong receptacle, the adapter plug must be attached to a known ground. Never remove the third prong.
- 10. MAKE SURE TOOL IS DISCONNECTED FROM POWER SUPPLY** while the motor is being mounted, connected, or reconnected.
- 11. DISCONNECT TOOLS FROM WALL SOCKET** before servicing and when changing accessories such as blades, bits, cutters and fuses etc.
- 12. AVOID ACCIDENTAL STARTING.** Make sure switch is in the "Off" position before plugging in power cord.
- 13. NEVER LEAVE MACHINE RUNNING UNATTENDED.** Do not leave machine unless it is turned off and has come to a complete stop.
- 14. KEEP GUARDS IN PLACE** and in working order.
- 15. USE CORRECT TOOLS.** Do not use a tool or attachment to do a job for which it was not designed.
- 16. USE RECOMMENDED ACCESSORIES.** The use of improper accessories may cause hazards.
- 17. DON'T FORCE THE TOOL.** It will do the job better and be safer at the rate for which it was designed.
- 18. MAINTAIN TOOLS IN TOP CONDITION.** Keep tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.
- 19. NEVER STAND ON TOOL.** Serious injury could occur if the tool is tipped or if the cutting tool is accidentally contacted.
- 20. REMOVE ADJUSTING KEYS AND WRENCHES.** Form a habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.
- 21. DON'T OVERREACH.** Keep proper footing and balance at all times.
- 22. DIRECTION OF FEED.** Feed work into a blade or cutter against the direction of rotation of the blade or cutter only.
- 23. PAY ATTENTION TO WORK.** Concentrate on your work. If you become tired or frustrated, leave it for a while and rest.
- 24. SECURE WORK.** Use clamps or a vice to hold work when practical. It's safer than using your hand and frees both hands to operate tool.
- 25. CHECK DAMAGED PARTS.** Before further use of the tool, any part that is damaged should be carefully checked to ensure that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, mounting, and any other conditions that may affect its operation. Any damaged part should be properly repaired or replaced.
- 26. DRUGS, ALCOHOL, MEDICATION.** Do not operate machine while under the influence of drugs, alcohol, or any medication.
- 27. DUST WARNING.** The dust generated by certain woods and wood products can be harmful to your health. Always operate machinery in well-ventilated areas and provide means for proper dust removal. Use wood dust collection systems whenever possible.
- 28. DO NOT MODIFY OR USE LATHE FOR USES OTHER THAN FOR WHICH IT WAS DESIGNED.**

# ADDITIONAL SAFETY RULES FOR WOOD LATHES



**WARNING!** Failure to follow these rules may result in serious personal injury.

- 1. SEEK INSTRUCTION.** If you are not thoroughly familiar with the operation of wood lathes, obtain advice from your supervisor, instructor, or other qualified person. Instruction from a qualified person is strongly recommended.
- 2. DO NOT OPERATE LATHE** until it is completely assembled and installed. Follow instructions and recommendations.
- 3. FOLLOW ELECTRICAL CODES.** Make sure wiring codes and recommended electrical connections are followed and that the machine is properly grounded.
- 4. WHEN REPLACING THE FUSE** (on relevant models), completely isolate power when removing the fuse. It is imperative the plug is removed from the mains supply before the fuse is removed. Replace fuse cap before reconnecting to mains.
- 5. DO NOT OPEN THE SWITCH AND REAR COVERS.** Components can carry dangerous voltages even when isolated from mains power.
- 6. ALWAYS ENSURE SPINDLE FIXTURES (E.G. FACEPLATES ETC.) ARE LOCKED TO SPINDLE** in case spindle reverse is engaged. Otherwise they will unwind from spindle. See "Mounting a Faceplate to a chuck" section.
- 7. WHEN SPINDLE REVERSE IS ENGAGED DO NOT USE CHISELS OR CUTTING TOOLS - USE FOR SANDING ONLY**
- 8. KEEP WORK AREA CLEAN.** Do not turn the lathe on before clearing the lathe of all objects (tools, scraps of wood, etc.). Keep the nearby area and floor clear of debris.
- 9. CHECK SET-UP** with spindle off. Examine the set-up carefully and rotate the work piece by hand to check clearance and check speed is correctly selected before turning on spindle.
- 10. DO NOT MAKE ADJUSTMENTS** when the lathe or work piece is turning. Make all adjustments with power OFF.
- 11. TIGHTEN ALL CLAMP HANDLES** on the headstock, tailstock, and toolrest before operating lathe.
- 12. EXAMINE WORK PIECE** and glue joints before turning to make sure it has no defects that would cause it to break when turning.
- 13. ALWAYS CHECK CORRECT SPEED IS SELECTED BEFORE SWITCHING ON SPINDLE.**
- 14. USE LOWEST SPEED** when turning a new or unbalanced work piece.
- 15. TURN AT RECOMMENDED SPEED.** Always operate the lathe at the recommended speeds. Consult this manual for suggested speeds.
- 16. ADJUST TOOLREST** close to the work piece. Before turning, revolve the stock by hand to make sure it clears the rest. At intervals, stop the lathe and readjust the Toolrest.
- 17. KEEP TOOL ON TOOLREST.** The lathe tool or chisel should be on the Toolrest before the lathe is turned ON. Tools should remain on the Toolrest whenever the tool is engaged in contact with the work piece.
- 18. REMOVE TOOLREST** when sanding or polishing so fingers do not get pinched.
- 19. USE CORRECT LATHE TOOLS.** Do not use spindle turning chisels for faceplate mounted work, and vice versa. Spindle turning tools used for faceplate mounted work may grab the work piece and pull the chisel from your control.
- 20. WHEN ROUGHING STOCK** do not jam the lathe tool or chisel into work piece or take too big a cut.
- 21. DO NOT POUND WORK PIECE** into headstock drive (spur) center when turning between centers. Pound the drive center into the work piece with a soft mallet before installing it between centers in the lathe.
- 22. DO NOT USE TAILSTOCK** to drive work piece into the drive (spur) center when turning between centers. Secure work between centers with light pressure from the tailstock quill action.
- 23. FASTEN STOCK SECURELY BETWEEN CENTERS.** Make sure the tailstock is locked before turning on the power.
- 24. NEVER LOOSEN TAILSTOCK** Quill or Tailstock while work piece is turning.
- 25. CORRECT USE OF FACEPLATE.** When faceplate turning, make sure work piece is securely fastened to the faceplate and that appropriate size faceplate is used to support the work piece. Any screw fasteners must not interfere with the turning tool at the finished dimension of the work piece. Rough-cut the work piece as close as possible to finished shape before installing on faceplate.
- 26. DO NOT OPERATE LATHE IF DAMAGED OR FAULTY.** If any part of your lathe is missing, damaged or broken, in any way, or any electrical component fails, shut off the lathe and disconnect the lathe from the power supply. Replace missing, damaged, or failed parts before resuming operation.
- 27. ADDITIONAL SAFETY INFORMATION** regarding the safe and proper operation of this product is available from the National Safety Council, 444 N. Michigan Avenue, Chicago, IL 60611 in the Accident Prevention Manual of Industrial Operations and also in the Safety Data Sheets provided by the NSC. Also refer to the American National Standards Institute ANSI O1.1 Safety Requirements for Woodworking Machines and the U.S Department of Labor OSHA 1910.213 Regulation.