



# WOOD LATHE – STANDARD OPERATING PROCEDURE

**DO NOT** use this machine without completing appropriate induction / training.



Approved face shield must be worn at all times with this equipment.



Appropriate protective footwear with substantial uppers must be worn in work areas.



Gloves must not be worn when using this equipment.



Hearing protection must be worn at all times when using this equipment.



Close fitting protective clothing or a suitable workshop apron is advisable.



Contain or restrain long and loose hair, and remove exposed rings or jewellery.

## PRE-OPERATIONAL SAFETY CHECKS

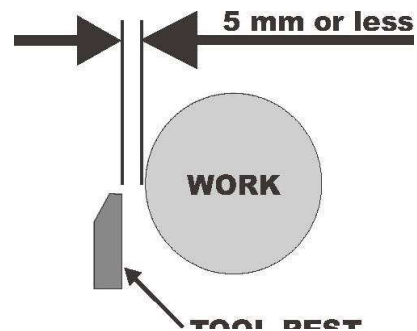
1. Locate and ensure you are familiar with all machine operations including the E- Stop.
2. Ensure dust extraction is on and duct gate above lathe is open.
3. Secure the work piece to a faceplate, or clamp between centres of headstock and tail stock.
4. Rotate the workpiece by hand to check clearances between the stock, the tool rest, and bed.
5. Ensure that all the wood turning tools are sharp and in good condition.
6. Check all stock to be turned for any defects, loose knots and foreign matter such as nails, etc.

## POTENTIAL HAZARDS

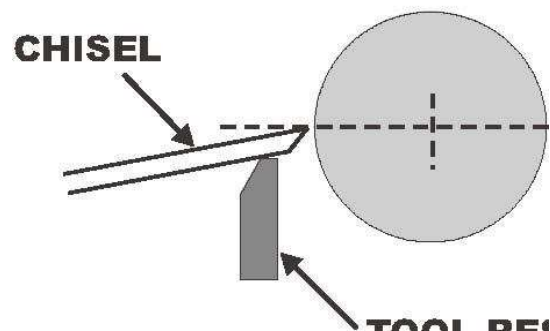
- Rotating parts – Entanglement
- Ejected material or tools
- Eye injuries
- Wood dust
- Noise

## OPERATIONAL SAFETY PROCEDURES

1. Set the distance between the tool rest and the work to approximately 5 mm, or closer if possible.



2. Set the height of the tool rest so that the cutting edge of the chisel is exactly in-line with the centerline.



3. Make adjustments to rotational speed to suit the intended machining operation.
4. Keep all body parts well clear (at least 150mm) of the rotating chuck and work piece.
5. Hold all wood cutting tools firmly with two hands, firmly place on tool rest and commence to make cuts according to design.
6. Use several light cuts in preference to one deep cut
7. Ensure the lathe chuck has come to a complete stop before you take measurements of the workpiece.

## POST OPERATION

1. Switch off the power to the machine when work is completed.
2. Clean up all debris and dust using a brush and dispose of appropriately.
3. Put away all accessories and tooling.
4. Dispose of any waste material in the appropriate bins provided.

