

Edge Sander (Hammer HS950)

METHOD OF OPERATION

*Material is held up against oscillating belt sander to sand to a prescribed line or to sand away imperfections in material

MACHINE HAZARDS

*Abrasions by the belts

--Controls: Appropriate hand placement, proper stance and balance.

*Flying debris/Kickbacks

-Controls: safety glasses, appropriate grip and pressure while sanding piece, always utilizing stop block on the machine

PPE/Safety Measures

| | |
|---------------------|---|
| *Safety Glasses | *All Jewellery removed |
| *Hearing Protection | *No loose fitting clothing |
| *Closed Toed Shoes | *Long Hair tied back and away from face |
| | *NO gloves |

Guards and Devices

*Workpiece Stop

This machine oscillates and rotates very fast in a clockwise direction. If appropriate grip and pressure are not applied to your work piece while you are holding it against the sanding belt, it can throw your piece backwards. Whenever possible, your piece should be held against the cast iron stop block on the far right side of the machine (PICTURE)

*Removable Bed

If you need to sand a radius using the drum at left side of the sander, there is an adjustable work table available for use. WITH THE MACHINE OFF, loosen the thumb screw and adjust the table to the desired height. Make sure that the cut out in the table is not making contact with the belt. Tighten down the thumb screw. Rest your piece flat on the table and hold on to it firmly. Do NOT let your fingers get within 3 inches of the belt.

Operational Notes

Pitch Adjustment

This tool comes equipped with a pitch adjustment lever, which allows you to adjust the angle of the belt relevant to your project. To adjust the pitch, loosen the lever on the back to adjust the machine, and retighten the lever. The flywheel on the left side of the machine can be used to adjust the height of your work table.

***Hand placement:**

- Use hands to carefully and smoothly guide materials towards belt
- Keep hands and fingers away from the path of the belt

***Proper stance and balance:**

-Distribute your weight evenly and plant your feet apart a shoulder width apart as you are working

***To change the belt**

- Undo knobs to lift and remove safety cover
- Pull the chuck lever to de-tension drums
- Slide off Old Belt
- Slide on new belt
- Re-tension the lever

Sequence of Operation

1. Ensure work table is clean, and area is free of obstructions or other individuals working
2. Make relevant adjustments to the pitch of the tool and the height of your work surface, as needed.
3. Plant your feet firmly in front of the sander. Place work piece in position on table, and press the Green (ON) button to turn on the machine
4. Keep your piece flat on the work table, and grasping it firmly, slowly approach the spinning belt with your material. Keep your piece anchored against the stop block whenever possible. Sand away desired imperfections.
5. Pull your piece away from the belt and turn the machine OFF. Wait for the belt to stop spinning.
6. Sweep and clean work surface of any sawdust or debris before leaving the station.

Never

- *Use faulty equipment. Immediately report suspect equipment.
- *Leave the machine running unattended
- *Never sand pieces of material that are too small to be safety supported.

Maintenance Notes/Service by Operator

*Only workstation cleaning

*Contact Shop Supervisor/qualified person for:

-Assistance with Belt change.