

SAFETY OPERATING PROCEDURES

Box and Pan Brake

DO NOT use this machine unless a staff member has instructed you in its safe use and operation and has given permission.



Safety glasses must be worn at all times in work areas.



Sturdy footwear must be worn at all times in work areas.



Rings and jewelry must not be worn.



Long and loose hair must be contained.



Close fitting/protective clothing must be worn.



Protective gloves may be worn when handling sharp metal.

POTENTIAL HAZARDS

- Sharp Edges
- Burrs
- Pinch Points
- Squash/Crush Hazard
- Impact from counterweight

PRE-OPERATIONAL SAFETY CHECKS

1. Guards or safety devices should never be removed or adjusted, except by a staff member for maintenance purposes.
2. Working parts should be well lubricated and the jaws and fingers free of rust and dirt.
3. Ensure no slip/trip hazards are present in the workspace and walkways.
4. Be aware of other personnel in the immediate vicinity and ensure the area is clear before using equipment.
5. Familiarise yourself with and check all machine operations and controls.
6. Faulty equipment must not be used. Immediately report suspect machinery.

OPERATIONAL SAFETY CHECKS

1. Only one operator using the machine at a time - Staff members may assist if required.
2. Never use brake for bending metal that is beyond the machine's capabilities.
3. Never attempt to bend rod, wire, strap, or spring steel sheets in a brake.
4. Remove the pan brake fingers that are in the way.
5. Ensure the brake fingers that are not removed for an operation are securely seated and firmly tightened before the machine is used.
6. Ensure fingers and limbs are clear before operating the brake.
7. Lower finger clamps to work - do not drop.
8. Check workpiece is secure & keep clear of moving counterweights.

HOUSEKEEPING

1. Lower finger clamps to a safe position - down resting on the base plate
2. Return all tooling to storage racks.
3. Leave the work area in a safe, clean and tidy state.

This SOP does not necessarily cover all possible hazards associated with the machine and should be used in conjunction with other references. It is designed to be used as an adjunct to teaching Safety Procedures and to act as a reminder to users prior to machine use.