

## SAFETY OPERATING PROCEDURES

# Box & Pan Brake

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

Safety glasses must be worn at all times in work areas. Long and loose hair must be contained.

Close fitting clothing must be worn.

Rings and jewellery must not be worn.

### OPERATIONAL SAFETY CHECKS

1. Guards or safety devices shall never be removed or adjusted.
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 workspaces and walkways.
4. Be aware of other student's in the work area and ensure the area is clear before using equipment.
5. Faulty equipment must not be used. Immediately report broken equipment to the teacher.

### OPERATIONAL SAFETY

1. Only one operator using the machine.
2. Never use the box and pan brake for bending metal that is beyond the machine's capacity with respect to thickness, shape, or type.
3. Never attempt to bend rod, wire, strap, or spring steel sheets in a pan brake.
4. Remove the pan brake fingers that are in the way - use only the pan brake fingers required to make the bend.
5. Ensure the pan brake fingers are securely seated and firmly tightened before the machine is used.
6. Ensure fingers and limbs are clear before operating the pan brake.
7. Lower finger clamps to work - do not drop.
8. Check to see if workpiece is secure before using.

### General Safety

1. Lower finger clamps to a safe position when not in use - down position resting on base plate.
2. Return all accessories to storage racks.
3. Leave the work area in a safe, clean and tidy state.

### POTENTIAL HAZARDS

- Sharp edges and burrs
- Squash/crush and pinch points
- Impact from counterweight