

# ~ FABRICATION ~



METALWORK

## OPERATING INSTRUCTIONS



METALWORK

### INTRODUCING

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# ELECTRIC GUILLOTINE



### Electric Guillotine. Metal Workshop

Access Level 2 (see Metal Workshop induction Guide on Access Levels)

An electrically-operated sheet shearing machine which cuts sheet metal of a maximum thickness of 3.25mm and hard, flexible plastics with a maximum bed width of 1260mm

#### PPE Basic

- Suitable work coat (provided)
- Eye protection, rated to BS/EN166 (provided)
- Hair tied back, no loose accessories
- Appropriate footwear, no sandals etc

#### What to do before use

- **YOU MUST** receive training on how to safely use this machine from a member of the Fabrication team **BEFORE** using it
- **INFORM** a member of staff **BEFORE** using the machine
- Wear the appropriate PPE
- **MAKE SURE** the area around the guillotine is clear from other sheet materials or metals and the rear-gate handle can be moved up and down correctly without any obstacles

#### How to use the Electric Guillotine

- **CAREFULLY** place metal or flexible plastic (PETG, Acrylic, Polycarbonate) onto cutting bed
- **ACCURATELY** align where the cut is to be made along the shearing edge and align with the edge of the cutting bed

- **MAKE SURE** your fingers or any other objects are removed from this area – remember **YOU** are the operator, so **YOU** must take control of the shearing and aligning process
- **ENSURE** the wall-mounted isolation box is unlocked and the switch turned to **ON**
- Press the **GREEN ON** button, to the side of the machine
- **Align** your work first, then **CAREFULLY** place your foot in the armoured foot pedal and press down. This activates the blade motor which cuts through the material.
- You can then continue making multiple cuts by pressing the foot pedal for each cut. The cut offs will fall into the cage area **BEHIND** the machine
- The cage area can be accessed by lifting the counter-weighted gate up and entering into this area. **TAKE GREAT CARE** in this area as, often, off-cuts are left in this area and constitute a **SLIP and TRIP HAZARD**
- Lifting the gate also isolates the machine power – switching it **OFF**
- The **NO-VOLT** reset switch will need to be reset, by pressing the **GREEN ON** button on the machine right-side to power-up the machine again
- Once finished, collect any off cuts you want to keep from the back of the machine and press the **RED OFF** switch
- Isolate the machine via the wall box

Date

I verify that I have read and understood the information detailed within this document

Name

Signature