

STANDARD OPERATING PROCEDURE

BRICK SAW - ELECTRIC



**ONLY TRAINED PERSONNEL
AUTHORISED TO OPERATE THIS EQUIPMENT**

Identified Hazards

- Eye Injuries (Flying Objects)
- Push-back & pull-in
- Electric Shock
- Noise
- Exposed Moving Blade
- Slipping (water and slurry)
- Manual Handling
- Dust (if no water used)

Personal Protective Equipment Requirements to Operate



Other | Additional PPE Requirements:

- Water proof apron / apparel
- Restrain long and loose hair
- Remove / contain loose jewellery

Operating Instructions

Pre-Operational Safety Checks

- Perform a visual inspection of the brick saw for any obvious damage or faults including lead, plug end, drive belt, support stand, wheels and guarding and that it has a current electrical safety tag.
- Ensure the power supply for the appliance is RCD protected.
- Check guarding & covers are correctly fitted, in good condition, fully operational & adjusted to suit the task.
- Ensure that the blade is the correct type and correctly installed and secured.
- Check that the sliding tray moves freely on guides for the full length of cut & does not contact the blade.
- Ensure a suitable & safe work area is provided - adequate lighting, free from congestion & tripping hazards.
- Position on a firm, flat and level surface with good access to allow materials to be easily moved to and from the brick saw. Chock wheels as required.
- When lifting, use the lifting handles provided on each end of the machine. Do not lift from any other point. Seek assistance if required when re-positioning or relocating machine.
- Always use water to control dust and to keep the saw blade from overheating. Do not dry-cut material.
- Maintain water runoff away from the work area to keep it dry or preferably a system to recycle the water.
- Ensure you are familiar with the location and operation of the ON / OFF switch / emergency stop button.
- Ensure safety data sheets for hazardous chemicals and substances are available, read and understood.
- Electrically isolate from the power supply if unsafe, making repairs or adjustments, or servicing.

Operational Safety Checks

- **NEVER** operate a faulty piece of equipment. Report any faults, problems or hazards **IMMEDIATELY**.
- Ensure required PPE available & worn.
- Keep hands clear of the cutting blade and hold materials firmly against the backstop:
 - Use foot pedal in preference to hand lever when making the cut.
- Allow the saw blade to cut the brick without the use of excessive pressure.
- Do not cross hands over while operating the brick saw.
- Maintain sufficient (continuous) flow of water over the blade during cutting.
- Do not leave brick saw unattended when operational.
- Clean up & dispose of any debris from the immediate work area both during & upon completion of the task.

REFER TO THE MANUFACTURER'S OPERATIONAL MANUAL FOR FULL SAFETY REQUIREMENTS