

~ FABRICATION ~

OPERATING INSTRUCTIONS



METALWORK



METALWORK

INTRODUCING

the



SDS HAND DRILL



Powered SDS Hand Drill

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

This is similar to a standard hand held power drill except more powerful and has a simple spring-loaded chuck, which means your SDS drill bits can be gripped in the chuck with a simple and quick twist of the hand. With this higher power, better chuck and drill bit quality the SDS is more suited to drill through denser materials such as brickwork

PPE Basic

- Suitable workcoat (provided)
- Eye Protection – rated to BS/EN166 (provided)
- Breathing Filter Mask (temporary or fixed) rated to FFP1/FFP2 (provided)
- Ear Defenders or Ear Plugs rated to BS/EN352 (provided)
- Stout footwear

What to do before use

- You **MUST** receive an **INDUCTION** into the area
- **INFORM** a member of staff you wish to use the machine **BEFORE** starting any work
- **KNOW** where the **START** and **STOP** controls are on the machine
- You **SHOULD NOT** wear rings, dangling hand or arm jewellery
- You **SHOULD TIE BACK** long hair and put ties into your workcoat
- **VISUAL** check of PPE and equipment related to the area you are working in and **IMMEDIATELY** report any damage/faults to a member of the technical staff
- Your Eye Protection should be **ON**
- Your Breathing Filter Mask should also be **ON**
- Select the **CORRECT** drill bit for material. If you are **UNSURE** do not continue **UNTIL** you have talked to a member of staff
- Select the **RECOMMENDED** speed or torque settings **BEFORE** starting work

- **Inspect material to be drilled, for possibly live electrical cable, water, gas, drainage pipes or asbestos which might be concealed in or behind your wall or material**

How to Use The SDS Drill

- **ENSURE the battery is FULLY charged**
- **ENSURE the main START and STOP controls are functional**
- **Select the RECOMMENDED drill bit for the job**
- **CAREFULLY insert the drill bit by pushing it into the front of the drill chuck, locking it into the chuck**
- **Inspect material to be drilled and clamp DOWN, if required**
- **ENSURE any extraction is ON BEFORE starting work**
- **Use BOTH hands to hold the SDS drill. The drill should have a front and rear grip to ensure the operator has MAXIMUM control of the drill**
- **Carefully line up the drill tool tip where you wish to drill**
- **Pull SLOWLY on the drill trigger start the drilling process**
- **STOP frequently and ASSESS the drill's action THROUGH the material**
- **Once finished, REMOVE the drill battery FIRST**
- **Allow the drill bit to COOL, if working for long periods**
- **Once COOL, remove the bit by pulling back on the sleeve of the chuck, releasing the lock on the bit**
- **For masonry jobs, ALWAYS use a hoover to remove DUST. DO NOT use a sweeping brush or dust pan**

Date

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

Name

Signature