

# ~ FABRICATION ~



## OPERATING INSTRUCTIONS



### INTRODUCING

*the*



# PALM SANDER



**Palm Holding Wood Sander, wood workshop. For use with wood only**

**Access Level 2** (see Wood Workshop induction Guide on Access Levels)

Hand portable rotary sanding tool for use on wood (and some metal) surfaces. Used as a finishing tool **ONLY**

### PPE Basic

- Suitable work coat (provided)
- Eye protection – generally marked to BS/EN166 (provided)
- Dust mask (temporary or fixed) rated to FFP1/FFP2 (provided)
- Anti-vibration hand and wrist strap (provided)
- Stout footwear

### What to do before use

- **YOU MUST** receive an induction into the area **BEFORE** starting work
- **INFORM** a member of staff **BEFORE** starting work
- **KNOW** and familiarise where the machine's Primary Controls are
- **KNOW** and familiarise the location of any Emergency Stops in the area
- **VISUAL** check of PPE and equipment related to the area you are working in and report any damage/faults to a member of the technical staff
- **IF STUDENT, BOOK** time with a member of technical staff; using this machine usually requires a member of technical staff present to monitor your progress **SAFELY**

### How to use this Hand Sanding machine

- **ENSURE** that the sanding machine is **NOT** plugged into any socket, irrespective of whether the socket is **LIVE** or **NOT**
- **ENSURE** that the Velcro-fitted abrading pads are securely **FIXED** to the machine base

- **ENSURE** that the extraction holes on the abrading pads match the locations of the machine extraction ports. If not, remove from the machine base and re-attach until they do. It is **ESEENTIAL** that the dust extraction system on this machine is **FULLY** operational
- **Fix** an extraction bag to sanding machine, **ENSURING** it is not full and has **NO** rips
- **Plug IN** the machine to a fused 13-amp socket outlet
- **MAKE SURE** that the machine supply cable is not a trip or fall **HAZARD**
- **CLAMP** the material to be abraded to a workbench, using cramps or a vice-mounted pin-board
- **Put ON** your **Faceshield AND Dust Mask** – this is very dust-heavy process
- **When** you are ready to start abrading, press the **START** or **ON** button on the handle by pulling up and in to keep the power locked
- **Keep** a **FIRM** grip of the machine during working and keep the machine moving **AT ALL TIMES** across the surface or edge of your work
- **STOP** frequently by pressing the **ON** button again to **STOP** the machine. This is to check the surface is being correctly polished and smoothed and to relieve some of the effects of the vibration during work
- **DO NOT** apply too **MUCH** pressure; let the sander do the work
- **ENSURE** the machine remains **FLAT** to the wood surface
- Take **REGULAR** breaks after a maximum of 15 minutes for at least 10 minutes
- **CONTINUE** to monitor the dust extraction
- **When** you are finished, unplug the machine, remove the abrading pad, clean down the machine of wood dust, using extraction **OR** a very **LIGHTLY** dampened rag – the machine **MUST** be unplugged from the power during cleaning processes
- Use a **DAMP** cloth or extraction hoover around the work area to remove dust – **DO NOT** sweep the dust into a pan

Date

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

Name

Signature