

~ FABRICATION ~



OPERATING INSTRUCTIONS



INTRODUCING

the



DISK & BOBBIN



Wadkin Disk & Bobbin Sander, wood workshop. For use with wood only

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

Smoothing abrasive finish to wood materials only using rotating disk OR rotating bobbin

PPE Basic

- Suitable workcoat (provided)
- Safety glasses or Faceshield, rated to BS/EN166 (provided)
- Wood dust filter mask, rated to FFP1 or 2 (provided)
- Ear defenders or ear plugs, rated to BS/EN352 (provided)
- Stout footwear
- DO NOT wear gloves at this machine

What to do before use

- CHECK machine isolator is in the OFF position
- VISUAL check of the machine for signs of damage to machine or electrical supply system
- IF STUDENT, report any faults to any member of workshop academic/technical staff
- IF STAFF, ENSURE abrasive paper is NOT DELAMINATING from fixed position - it should be smooth, without flapping, clogging or glassy
- A BRIEF RUNNING CHECK of the fitted tooling, i.e. under power - watching & listening for reportable faults - is advised before use.
- Fixed GUARDS fitted and in good condition?
- AREA AROUND the sanding machine is clean and tidy and free from obstructions?
- ADEQUATE overhead/natural/machine lighting?
- Safety accessories such as SAFETY BLOCKS, FORMERS, CRAMPS, FENCES, GUIDES and STOPS are present and not damaged too badly?

How to Use This Disk & Bobbin Sander

- Refer to any **OPERATING INSTRUCTIONS** given during training or timetabled workshops (if student or staff)
- **DO NOT ATTEMPT TO DIMENSION WOOD WITH THIS MACHINE**
- **NO Acrylic Sheet or Metal Sheet**
- Ensure only 1 **PERSON** is **OPERATING** and **IN CONTROL** of **EITHER** the disk sander **OR** bobbin sander – but **NOT AT THE SAME TIME**
- Machine **GUARDS** should be permanently **FIXED** and are **NOT ADJUSTABLE**
- **SET** Fences, Guides, Stops, Blocks or Formers **BEFORE** use
- Switch **ON** LEV/Extraction System
- **REMOVE TEMPORARY** cover shroud on disk sander if using this mode on the machine
- **ENABLE** power using isolator key-switch and/or **ON** lever switch
- Switch **ON** using **START** control button
- **ALLOW** the machine to run up to speed for a few seconds before continuing
- If breaking through a **NEWLY FITTED** machine fence, do it in a **CONTROLLED** and **CONSIDERED** fashion
- **NEVER** take a measuring cut on work materials **OR** set-up piece **WITHOUT** correct guards and pressures in place
- Place wood on machine table in a **STABLE** position (i.e. non-rocking) and ensure wood is **NOT TOUCHING** the running abrasive tool at start up
- Take a firm grip of the material (or support block), ensuring (gloveless) fingers are **NEVER** too close to the abrasive surface
- **SLOWLY** ease wood into correct rotation of machine head so that **IT DOES NOT** lift **OR** race with direction of cut
- **CHECK** that the tool is abrading **EFFICIENTLY** on the surface of **PRE-DIMENSIONED** material
- **SLOWLY** transit the material along desired shape (to ensure that your fingers do not suddenly slip forward into abrasive surface)
- **STOP** machine using normal Stop button, not the Emergency Stop
- **REPLACE** the abrasive disk cover immediately **AFTER** finishing your work and as the machine slows down
- **CLEAR** wood and offcuts from the machine table and place in a suitable waste bin
- Use a Hoover or portable extract machine to **CLEAR WOOD DUST** from table and floor
- **NEVER** use sweep brush/pan or blow wood dust off surfaces - allow **LEV** to run for an additional minute after machining to pick up any residual dust

- **Isolate machine or switch to OFF**
- **NEVER exchange operator whilst machine is running. Ensure complete mechanical stop of machine before handover and that the power is isolated.**

Date

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

Name

Signature