

~ FABRICATION ~



OPERATING INSTRUCTIONS



INTRODUCING

the



DISK & BELT SANDER



Wadkin Combined Abrasive Disc and Belt, wood workshop

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

Abrades wood using a large 16" rotational disc or a continuous belt

PPE Basic

- Suitable Workcoat (provided)
- Suitable Filter Mask with a FFP1 or 2 rating (provided)
- Spectacles, Goggles or Faceshield, rated to BS/EN 166 (provided)
- Sturdy Boots

What to do before use

- CHECK the machine power is OFF
- CHECK the machine itself is safe to use; guards, tables, extract points
- CHECK the extraction is ON BEFORE using this machine
- ALL guards and covers in GOOD ORDER
- Main START & STOP controls in GOOD ORDER
- EMERGENCY STOPS in GOOD ORDER
- Belt and Discs in good condition - No tears, rips, burn troughs
- Tie back hair and put ties INSIDE workcoat
- DO NOT wear gloves at this machine
- DO NOT abrade varnish from the surfaces of woods
- ALWAYS wear a dust mask when abrading woods, even with
LEV/Extraction ON

How to Use This Disk and Belt Sanding Machine

- Despite having a belt and disc abrasive, this machine is still ONLY a
1-operator machine. The side NOT in use should be blanked-off to
PREVENT casual use by anyone other than the operator

- **Most machines are multi-material capable – but some are not and are marked Wood only or Metal only, etc. OBSERVE and OBEY these safety notices, they are there for valid safety reasons**
- **Switch ON extraction/LEV**
- **Switch ON machine using the GREEN press button**
- **WAIT a few moments for the machine to get to speed BEFORE abrading**
- **GENTLY and EVENLY move the material across the surface of the abrasive, rather than in one place which wears down that spot faster and may leave burn marks on your wood**
- **ENSURE fingers are BEHIND the material being abraded. This REDUCES the risk that, should the material be SUDDENLY pulled in and down between the abrasive and the work table, fingers will not be pulled in also. This is also why you MUST NEVER, EVER wear gloves at this machine**
- **If thinning-down wood, use a larger, thicker block and use double-sided tape to thin the wood down, rather than RISK the thin material pulling in and down as it falls into the gap between the table and abrasive**
- **DO NOT allow a large gap to form between the table and the abrasive if using thin materials – place a temporary SACRIFICIAL BASE on top of the fixed table to maintain the smallest gap possible**
- **NEVER leave a running machine – switch it OFF and WAIT for it to slow down considerably BEFORE walking away. You MUST do this even if handing the machine over to ANOTHER operator**
- **Switch OFF the machine using the primary stop control – the large, Red button proud of the front surface**
- **DO NOT use the Emergency Stop to stop the machine for anything other than Emergency situations**
- **WAIT, while the machine slows down. Other operators in the area may NOT see it is still operating and causing THEM harm**
- **DO NOT jam anything onto the belt/disc surface to slow down the machine faster – it may result in a whip forming on the belt, snapping the belt and ejecting it like a burst tire away from the machine**
- **ISOLATE the machine to OFF at the wall isolation box**
- **Switch OFF the LEV/Extract UNLESS another operator requires it for another machine**
- **CLEAN away dust using a HOOVER only. DO NOT use a sweeping brush and pan at this machine**

Date

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

Name

Signature