

# ~ FABRICATION ~



## OPERATING INSTRUCTIONS



### INTRODUCING

*the*



# CROSS CUTTER



Dewalt Cross-cut Circular , wood workshop. For use with wood only

Access Level 3 (see Wood Workshop induction Guide on Access Levels)

Cross-grain cutting of hard and soft woods only

### PPE Basic

- Suitable work coat (provided)
- Stout footwear
- Safety glasses or Faceshield, rated to BS/EN166 (provided)
- Wood dust filter mask is also recommended (provided)
- Ear defenders or ear plugs (provided)

### 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 correct blade type is fitted for the job before use - cross-cut (dimension)
- A BRIEF RUNNING CHECK of the fitted blade, i.e. under power - watching & listening for reportable faults - is advised before use.
- Fixed GUARDS fitted and in good condition?
- Guard RETURN mechanism is in place and functioning?
- AREA AROUND the saw is clean and tidy and free from obstructions?
- ADEQUATE overhead/natural/machine lighting?
- Safety accessories such as PUSH STICKS are present and not damaged too badly?
- Push sticks minimum SAFE RECOMMENDED length is 450mm from hand point to contact with blade teeth

## How to Use This Cross Cut Saw

- Refer to any **OPERATING INSTRUCTIONS** given during training or timetabled workshops (if student or staff)
- **DO NOT ATTEMPT TO CUT ALONG THE WOOD GRAIN.** For dimensioning wood-based board or section - **NO ACRYLIC SHEET or METAL SHEET**
- Ensure only 1 **PERSON** is **OPERATING** and **IN CONTROL** of the Cross-Cut Saw. If a second person is 'assisting' with the take-off of long sections, they must not pull the work through
- Set **BLADE NOSE GUARD** to clear work by no more than 1 - 2mm
- Set cutting fences/guides or stops **BEFORE** starting work
- Switch **ON LEV/Extraction System**
- Enable power to machine using isolator key-switch and/or **ON lever switch**
- Place wood on machine table in a stable position (i.e. non-rocking) and ensure wood is not touching the running blade at startup
- Switch on using **POWER control button AND HOLD BUTTON IN ON POSITION AT ALL TIMES**
- Allow the blade to reach **OPERATING SPEED** before cutting
- Take a firm grip of the wood, keeping fingers **AT LEAST 300mm** from the cutting point, ensuring (gloveless) fingers are **NEVER** in-line with the blade
- **USE A PUSH STICK** or a **WOOD CRAMP** if hands and fingers are closer than 300mm from the cutting point
- **SLOWLY** ease blade **INTO** wood, checking that the blade is cutting **EFFICIENTLY** and steadily through material
- **SLOWLY** exit wood (to ensure that fingers do not suddenly slip forward or in towards the running blade)
- **STOP** machine **BY RELEASING POWER** button
- **CLEAR** wood and offcuts from the bandsaw table and place in a suitable waste bin
- Use a hoover or portable extract machine to **CLEAR WOOD DUST** from machine 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 machine power is **ISOLATED**

**Date**

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

**Name**

**Signature**