

# Large CNC Cutter



## Instructions Mandatory

Instructions **prior** to use are mandatory. Check the wiki for whom can help you.

Be very careful with viruses/media – as we cannot re-install the software on the PC.

Machine can only be used between 07:00 - 19:00 (be kind to our neighbours).



## Ear protection strongly recommended

Note also that this machine should not be used after 19:00



## Machine can suddenly start

Machine can suddenly start moving; and can move under its own command (even when the PC is off).

It will also start moving without warning when the PC is started/the software is started



## Eye protection recommended

Especially when using very small cutters.



## Crushing

Risk of crushing - the machine does not have any sensors that detect obstacles This includes things such as your hands (do not lean on the blue rail) or tools you've left on the workspace.



## Wear a mask when needed

Especially when cutting materials such as MDF

This machine contains commercial software which is locked to this specific hardware and OS install. Neither of which we can re-install (as we have no media and the suppliers have long gone out of business). So be very very careful with USB sticks and other media. A virus or malware may permanently kill this setup.

If the machine is not clean or appears broken - then report this to the mailing list. Clean/fix prior to use.

**Report any damage, issues or accident within 24 hours to the mailing list.**

# Abene Mill



## Instructions & Approval Mandatory

Instructions **prior** to use are mandatory. Check the wiki for whom can help you.

Must have the 'dangerous equipment waiver' filed with the foundations trustees and been given approval or card access.



### Do not wear gloves

Especially strong leather ones. They get caught easily and then 'help' ripping body parts off.



### Crushing

Risk of crushing - the machine does not have any sensors that detect obstacles.

Note that it can also run very slow; barely noticeable.



### Eye protection recommended

Swarf will fly. Cutters can come loose. Broken cutters can fly very far and are razor sharp.



### Slippery surface

Floor will get very slippery; especially when using coolant.



### Wear protective clothing

Wear tight fitting clothing, keep long hair out tied up, no jewellery or anything else that can be caught by the machine.



### Sharp rotating elements

This machine is essentially a cutter without any guard whatsoever.

Only switch XYZ feeds when the machine is not running. Use the handwheel to get the gear fully locked in prior to starting the feed. Be sure to tighten all 4 nuts post rotating the head or all 4 nuts when moving the head laterally.

Try to avoid getting coolant or similar on the slide-ways - especially the Y slipway between machine and table. Use a shield or adjust the flow. Machine needs to be cleaned post use. When using coolant - also empty the recess on the left of the table and clean out the t-Slots until dry.

If the machine is not clean or appears broken - then report this to the mailing list. Clean/fix prior to use.

**Report any damage, issues or accident within 24 hours to the mailing list.**

# Wood Lathe



## Instructions & Approval Mandatory

Instructions **prior** to use are mandatory. Check the wiki for whom can help you.

Must have the 'dangerous equipment waiver' filed with the foundations trustees and been given approval or card access.



### **Wear a mask when needed**

Especially when cutting materials such as MDF



### **Eye protection mandatory**



### **Not recommended to wear gloves**



### **Wear protective clothing**

Wear tight fitting clothing, keep long hair out tied up, no jewellery or anything else that can be caught by the machine.

If the machine is not clean or appears broken - then report this to the mailing list. Clean/fix prior to use.

**Report any damage, issues or accident within 24 hours to the mailing list.**

# Wood circle saw table



## Instructions & Approval Mandatory

Instructions **prior** to use are mandatory. Check the wiki for whom can help you.

Machine can only be used between 07:00 - 19:00 (be kind to our neighbours).

Must have the 'dangerous equipment waiver' filed with the foundations trustees and been given approval or card access.

A second person must be present during operation. This person must have agreed to be your second and needs to know how to stop the machine.



## Ear protection strongly recommended

Note also that this machine should not be used after 19:00



## Eye protection recommended

Especially when using very small cutters.



## Wear a mask when needed

Especially when cutting materials such as MDF

If the machine is not clean or appears broken - then report this to the mailing list. Clean/fix prior to use.

**Report any damage, issues or accident within 24 hours to the mailing list.**