**METALWORKING LATHE**

**WARNING!**

DO NOT ATTEMPT TO USE OR SERVICE THIS MACHINE UNLESS YOU KNOW WHAT YOUR ARE DOING. FOR DETAILS ON THIS MACHINE INCLUDING BASIC INSTRUCTIONS PLEASE SEE OUR WIKI:

<https://wiki.somakeit.org.uk/wiki/Metal_Lathe>

**SAFETY SUMMARY**

* There is no guard currently so full PPE should be worn when operating or being near the lathe. This includes safety goggles AT ALL TIMES and apron.
* DO NOT wear gloves. They can and will snag in rotating tools with unpleasant results.
* Obviously all jewellery must be removed; long hair tied back and baggy clothing removed when operating the lathe.
* The lathe bench must remain clear and tidy at all times.
* The chuck key must be removed when operating the lathe - it can travel at such speeds as to KILL if left in the chuck.
* DO NOT attempt to clear swarf by hand or by blowing - metal swarf is razor-sharp and will cut deeply. Use a brush.
* Do not attempt to machine the more excitable pyrophoric metals - titanium, magnesium etc. With no coolant used in machining, the swarf from these metals can combust and there are no facilities to extinguish them.
* Do not distract or touch the operator in any way. If somebody is uncomfortably close to you while using the lathe ask them to move back.
* Never attempt to operate the drill while tired, intoxicated or under the effects of drugs.
* All the tools should be kept clean and tidy underneath the lathe. If you break anything during use its ok but please report it!
* Ensure coolant is used when required and 3in1 (NOT WD40 etc!) oil added to all the oil points on a regular basis.

IF IN DOUBT – ASK!