

Machinery and hand tools that can be used to fabricate parts for use with VEX

VEX can be used in a traditional classroom and the results can be spectacular. Some teachers have a more comprehensive lab to work in and have asked for a list of tools and machinery that they should consider. The list of machinery and hand tools that can be used with the VEX system is not a comprehensive list. *These tools are not needed for use with the VEX system, but would be helpful if you are working in a lab situation.*

**MACHINERY – All of this machinery should only be used by properly trained personnel. DO NOT ALLOW STUDENTS TO USE THE MACHINES WITHOUT PROPER INSTRUCTION! YOU MAY BE HELD LIABLE IF SOMEONE GETS HURT.**

Drill Press and Vice

Grinder

Belt Sander

Band Saw

Machine lathe or CNC lathe – nice to have

Milling Machine or CNC Machine – nice to have

**GENERAL HANDTOOLS – This is a general list and is not comprehensive. HANDTOOLS CAN ALSO BE VERY DANGEROUS. STUDENTS USE OF ANY TOOLS SHOULD BE MONITORED BY THEIR INSTRUCTOR.**

Assortment of the following hand tools:

Tool Boxes

Screw Drivers

Adjustable Wrenches

Open Ended Wrenches

Lineman's Pliers

Needle Nose Pliers

Electronics Tool Set

Hammers

Stationary Vices

Measuring Tapes/Rules

Allen Wrenches

Punches

Aviation Snips

Shears

C-clamps

Wire Strippers

Multimeter

Soldering Tools