

Woodshop Tools

- [Overview](#)
 - [Red tool trainers](#)
 - [Leesburg](#)
 - [Purcellville](#)
- [Purcellville](#)
 - [Basic Red Tool Class Handout](#)
 - [Advanced Red Tool Class Handout](#)
- [Leesburg](#)
 - [Class Handouts](#)
 - [Basic Red Tool Class Handout](#)
 - [Advanced Red Tool Class Handouts](#)
 - [Advanced Table Saw Techniques](#)
 - [Tool Information](#)
 - [Power Tools](#)
 - [Hand Tools](#)

Overview

Many tools in both Makersmiths locations require Red Tool Training.

- Red training required - These are tools that can seriously injure the operator including amputation or death or expensive tool repair if miss-used or used without training. The red tool class will be held monthly and is a 2-hour class covering safe operation. If you want to use a red tool without training, you must contact a red tool trained person from the list below to assist. This list will be kept up to date as more people become certified.

Red tool trainers

Leesburg

- Mike Dewan
- Chris Chatfield
- Dilip Patel

Purcellville

- Dave Painter
- Jonathan White
- John Borden

Important: Separate training is required for the Leesburg woodshop and the Purcellville woodshop, as the equipment are different in each woodshop.

Purcellville

Basic Red Tool Class Handout







Red Tool Basic - ... Handout V1.2.pdf



Advanced Red Tool Class Handout









Red Tool Advance...Handout V1.2.pdf

Tool	Brand	Model	Manual Link	Manufacturer Link	Notes
12" Disc Sander	Delta	31-120	<div> Delta_31-120.pdf</div>	https://deltamachinery.com/	

Drill Press	Delta	DP350	 <p>Delta_DP350 manual.pdf</p>	https://deltamachinery.com/	
12" Jointer	Oliver	4260	 <p>Oliver Jointer Sales brochure.pdf</p>  <p>Oliver 12 inch Jointer Manual.pdf</p>	https://olivermachinery.net/	

22" Planer	Oliver	4455	<div data-bbox="690 138 1190 642">  <p>Oliver Planer Sales Brochure.pdf</p> </div> <div data-bbox="690 669 1190 1173">  <p>Oliver 20 inch Planer Manual.pdf</p> </div>	https://olivermachinery.net/	
------------	--------	------	--	---	--

Spindle Sander	Oliver	6910	<div data-bbox="889 317 987 415"></div> <div data-bbox="695 453 1187 489">Oliver 6910_Spind...der-Specsheet.pdf</div> <div data-bbox="889 846 987 945"></div> <div data-bbox="789 982 1092 1018">Oliver 6910_manual.pdf</div>	https://olivermachinery.net/	
Belt Sander	Oliver	5380	<div data-bbox="889 1371 987 1470"></div> <div data-bbox="708 1507 1174 1543">Oliver 5380 Wide...nder _manual.pdf</div>	https://olivermachinery.net/	

Bandsaw	Oliver	4630	 4630_manual.pdf		
Panel Saw	Milwaukee	6480-20	 Parts List 54-40-0826.pdf		
			 Manual; 58-14-6485d10.pdf		

Leesburg

Class Handouts

Basic Red Tool Class Handout

Coming Soon

Advanced Red Tool Class Handouts

Advanced Table Saw Techniques






advanced table saw march 2023.pdf




Tool Information




Power Tools

Tool	Brand	Model	Manual Link	Manufacturer Link	Notes
------	-------	-------	-------------	-------------------	-------

Table Saw	Saw Stop	CNS175	<div>  <p>Manual_CNS_2.pdf</p> </div> <div>  <p>Quick_Reference_CNS.pdf</p> </div>	https://www.sawstop.com/	
Band Saw, 14"	Grizzly	G5666			

Band Saw 17"	Grizzly	G0513	<div data-bbox="699 315 797 411"></div> <div data-bbox="659 449 839 489">g0513_pl.pdf</div> <div data-bbox="699 825 797 921"></div> <div data-bbox="659 959 839 999">g0513_m.pdf</div>	https://www.grizzly.com/	
Planer 13"	Dewalt	DW735	<div data-bbox="699 1350 797 1446"></div> <div data-bbox="587 1484 909 1524">N486408 DW735 NA.pdf</div>	https://www.dewalt.com/	

Jointer 6"	Delta	37150	 37-150.pdf	https://deltamachinery.com/	
Drum Sander	Performax	22-44 Plus	 19259_brochure-catalog.pdf		
Table Sander	Rigid	EB44242	 EM_EB4424_SP6496_Eng.pdf	https://www.rigid.com/	

Router Table Lift	Jessem		 <p>Jessem Mast R Lift Instrutions.pdf</p>	https://jessem.com/	
Router Table Spindle	Milwaukee		 <p>Milwaukee Router Instructions.pdf</p>	https://www.milwaukeetool.com/	
Compound Sliding Miter Saw 12"	Rigid	MS1290 LZ	 <p>RigidMS1290LZ_manual.pdf</p>	https://www.ridgid.com/	

Drill Press	Ryobi	DP101	 DP101_manual.pdf		https://www.ryobitools.com/	
Dust Collector	Delta	50-760	To Be Added			
Air Compressor 5HP 22gal	Craftsman	919.16501	To Be Added			
Dust Collector 3HP	Shop Fox	W1687	To Be Added			New equipment 2020. Larger capacity collector, but cannot use until power can be supplied
Bandsaw	Delta		To Be Added			New equipment Dec. 2020, will replace Grizzly. Need specific model #
Scroll Saw			To Be Added			

Hand Tools

Tool	Brand	Model	Manual Link	Manufacturer Link	Notes
Biscuit Joiner					
Power Plane					
Orbital Sander	Black & Decker				Old model, switch is a little buggy