

# Woodshop Tools

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## 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.

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## 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><br/>Delta_31-120.pdf</div> | <a href="https://deltamachinery.com/">https://deltamachinery.com/</a> |       |

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

|            |        |      |                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                       |  |
|------------|--------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--|
| 22" Planer | Oliver | 4455 | <div data-bbox="690 138 1192 642">  <p data-bbox="735 453 1149 485">Oliver Planer Sales Brochure.pdf</p> </div> <div data-bbox="690 669 1192 1173">  <p data-bbox="735 984 1149 1016">Oliver 20 inch Planer Manual.pdf</p> </div> | <a data-bbox="1213 138 1370 176" href="https://olivermachinery.net/">https://olivermachinery.net/</a> |  |
|------------|--------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--|

|                |        |      |                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                         |  |
|----------------|--------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|--|
| 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> | <a href="https://olivermachinery.net/">https://olivermachinery.net/</a> |  |
| 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>                                                                                                                                                                                      | <a href="https://olivermachinery.net/">https://olivermachinery.net/</a> |  |

|           |           |         |                                                                                                                  |  |  |
|-----------|-----------|---------|------------------------------------------------------------------------------------------------------------------|--|--|
| Bandsaw   | Oliver    | 4630    | <br>4630_manual.pdf             |  |  |
| Panel Saw | Milwaukee | 6480-20 | <br>Parts List 54-40-0826.pdf   |  |  |
|           |           |         | <br>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<br>Stop | CNS175 | <div data-bbox="498 140 998 642"> <br/> Manual_CNS_2.pdf </div> <div data-bbox="498 651 998 1152"> <br/> Quick_Reference_CNS.pdf </div> | <a href="https://www.sawstop.com/">https://www.sawstop.com/</a> |  |
| Band Saw, 14" | Grizzly     | G5666  |                                                                                                                                                                                                                                                                                                           |                                                                 |  |

|              |         |       |                                                                                                                                                                                        |                                                                 |  |
|--------------|---------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|--|
| Band Saw 17" | Grizzly | G0513 | <div data-bbox="699 315 797 411"></div> <div data-bbox="659 449 837 489">g0513_pl.pdf</div> <div data-bbox="699 825 797 921"></div> <div data-bbox="659 959 837 999">g0513_m.pdf</div> | <a href="https://www.grizzly.com/">https://www.grizzly.com/</a> |  |
| Planer 13"   | Dewalt  | DW735 | <div data-bbox="699 1350 797 1446"></div> <div data-bbox="587 1484 907 1524">N486408 DW735 NA.pdf</div>                                                                                | <a href="https://www.dewalt.com/">https://www.dewalt.com/</a>   |  |

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

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

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|--------------------------|-----------|-----------|-------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| Drill Press              | Ryobi     | DP101     | <br>DP101_manual.pdf |  | <a href="https://www.ryobitools.com/">https://www.ryobitools.com/</a> |                                                                                           |
| 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 |
|                |                |       |             |                   |                                     |