

StartWoodwork Glossary



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TECHNIQUES :

Miter Cut

Resaw

Sanding
Rough sanding

Finish sanding

Filing

French cleat

Used in/ for:

hanging items

Used in:

hanging cabinetry or shelves

Boring Holes

Drilling

Boring holes

Driving screws

Countersinking

Predrill

Joinery

Rabbet

Dador or (groove)

Pocket holes

Half lap joint

Measuring

Measuring long distances

90 degree measuring

Finish

Pre staining

Coloring wood

Sanding

HARDWARE :



Hand Tools

Portable Power Tools

Full size Power Tools

Hand tools

– are less expensive, easier to store away

Create less dust and noise than power tools

As accurate as power tools

Building will take more time and effort but it is how it was done before power tools

Portable Power Tools

Full Size Power Tools

Common Hand Tools List

- 1 Tape measure
- 2 Combination square

Cutting tools

- 3 Rigid Pull Saw
- 4 Double Sided Pull Saw
- 5 Coping Saw
- 6 Utility Knife

Drilling Tools

- 7 Power Drill
- 8 Brad Drill Bits
- 9 Spade Bits
- 10 Forstner Bits
- 11 Screwdriver bits w/ Extension
- 12 Countersink bit

Planes

- 13 Hand Plane Sanding
- 14 Sandpaper
- 15 File Set

Joinery

- 16 Wood Glue
- 17 Wood Screws
- 18 Hammer
- 19 Nails
- 20 Clamps

Common Portable Power Tools

Portable Power Tools

- 1 Circular Saw
- 2 Jigsaw
- 3 Palm Sander
- 4 Belt Sander
- 5 Palm Router
- 6 Portable Planer

Full Size Powertools

Full Size Power Tools

- 1 Table Saw
- 2 Miter Saw
- 3 Drill Press
- 4 Planer
- 5 Jointer
- 6 Router Table
- 7 Drum Sander
- 8 Belt Sander

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3 Wood Page

Contents

- 1 – Wood types
- 2 – Wood storage
- 3 – Coloring wood
- 4 – Buying wood
- 5 – Books

1 – Wood Types

1. Common Wood types sold at home stores

Pine – light color, knotted, softer wood

Oak – harder wood, medium color,

Walnut – dark harder wood,

Redwood – darker color, medium density

Plywood – layered boards, straighter wood

2. Common wood types used in furniture

Pine – Pine is a soft wood so it easily dents and marks. It is still used in some furniture for parts that won't be seen or touched

Plywood – because plywood is made it has flatter surfaces and edges making it a popular choice for cabinets shelves and all different types of furniture.

PDF Download

Wood PDF Guide – Free

Wood guide poster – \$15

2 – Wood storage

As wood dries it can warp and bend

Things you can do to prevent warping:

buy dry boards

Check for bent boards before buying

Keep wood in final place

3 – Coloring and Finishing Wood

To give wood the look and feel of furniture it needs 2 things

Color

Protection

Options to color Wood

Oils, Stains

Either keep the wood the same color or color it

Color it using different methods

Staining Intro Info

Staining

Oils , stains

4 – Buying wood

Wood can be bought at home stores, a wood specialty store or be found or given away for free.

What to look for when buying wood

Choose straight boards

Boards with less knots

Dry boards

5 – Books

There are plenty more books on wood. Here are a few we've seen

Working with wood

4 Techniques Page

Cutting Techniques

Rip cut

A rip cut is a cut in the same direction as the grain of a piece of wood

How to cut

Using hand tools

- Use a pull saw or carpenter saw to cut in the direction of the wood grain

Using portable power tools

- Use a straight edge and a circular saw

Using Full size power tools

- Use a table saw and a sled

Cross Cut

How to Cut

Using hand tools

- Tools - saw - straight edge -

Using portable power tools

- Tools - straight edge - circular saw - 2 - miter saw

Using Full size power tools

- Table saw

Miter cut

How to Cut

Using hand tools

- Tools - pen - ruler - square - saw - miter box

Using portable power tools

Tools - straight edge - square - 1- circular saw - jigsaw - 2 - miter saw

Using Full size power tools

1 - table saw - guide or sled

Techniques Page

Cross Cut

How to Cut

Using hand tools

Using portable power tools

Using Full size power tools

Cross Cut

How to Cut

Using hand tools

Using portable power tools

Using Full size power tools

Cross Cut

A cut across the grain of a board

How to cut

Using hand tools

- Use a pull saw or carpenter saw to cut in the direction of the wood grain

Using portable power tools

Using Full size power tools

Other pages

Tools

Wood

Techniques

Workspace

