

SAWDUST SESSIONS

Sawdust Session #24: September 13, 2008

- Shopsmith Reborn, Part 4: Rebuilding the quill feed
- Making a finger plane
- Setting up and using the Shaper
- Plus Drew's Interludes
 - o Marking on metal
 - o Drilling sheet metal safely

Sawdust Session #23: August 9, 2008

- Shopsmith Reborn, Part 3: Rebuilding the drive train
- Band sawing and drying lumber
- Digital drilling jig
- Making and using 'egg carton' storage
- Plus Drew's Interludes
 - o Preventing insect damage
 - o Protecting cutting tools

Sawdust Session #22: June 28, 2008

- Working with wood composites (Adirondack chair plans)
- Truing the table to the drill chuck
- Shopsmith Reborn, Part 2: Cleaning and inspection
- Plus Drew's Interludes
 - o Using winding sticks
 - o Straightening twisted drawers

Sawdust Session #21: June 14, 2008

- Cutting cove moldings
- Cutting irregular shapes (with overhead fence jig)
- Using the Pneumatic Drum Sander
- Shopsmith Reborn, Part 1: Bargain or basket case?
- Plus Drew's Interludes
 - o Gluing miters and end grain
 - o Sanding coves with the Pneumatic Drum Sander

Sawdust Session #20: May 24, 2008

- Ripping bevels with a modified outfeed table
- Clamping oddly-shaped assemblies
- Joining mitered assemblies
- Setting planer knives
- Plus Drew's Interludes
 - o Cleaning clamps
 - o Case hardening in wood

Sawdust Session #19: May 10, 2008

- Cutting beveled miters (with several new jigs)
- Cutting angled dadoes and grooves
- Cutting compound miters
- Plus Drew's Interludes
 - o Cutting steep beveled miters
 - o Preventing dado blow-out

Sawdust Session #18: April 26, 2008

- Making breadboard joints (laptop desk plans)
- Routing finger joints with a shop-made jig
- Routing stopped or 'blind' joints
- Plus Drew's Interludes
 - o Upcut and downcut router bits
 - o Using a router table push board

Sawdust Session #17: April 12, 2008

- Making curved turnings with the Ringmaster
- Types of mortises and tenons and how to make them
- Replacing the Mark V speed Control
- Plus Drew's Interludes
 - o Planing and spring-back
 - o Shaving a tenon

Sawdust Session #16: March 22, 2008

- Making wooden drawer slides
- Applying plastic laminate
- Making, applying and trimming molding
- Using and sharpening cabinet scrapers
- Plus Drew's Interludes
 - o Making a mixing pallet
 - o Making and using a scraper stop

Sawdust Session #15: March 15, 2008

- Making band saw boxes
- Choosing and using band saw blades
- Setting up and using the Molder
- Installing a Lift Assist to the Mark V
- Plus Drew's Interludes
 - o Increasing the band saw throat
 - o Twisting the band saw blade

Sawdust Session #14: February 23, 2008

- Making segmented bowls with the Ringmaster
- Thickness sanding with the Conical Disc
- Preventing and removing rust
- Plus Drew's Interludes
 - o Sharpening plane irons with the Strip Sander
 - o Preventing rust with camphor

Sawdust Session #13: February 9, 2008

- Bending laminate wood
- Coping-and-sticking joints for curved cabinet doors
- Aligning the auxiliary tables on you Mark V
- Plus Drew's Interludes
 - o Hand plane tips
 - o Unclogging the Dust Collector

Sawdust Session #12: January 26, 2008

- Handling and cutting sheet materials
- Cutting dadoes and rabbets in plywood
- Belt Sander tune-up
- Roll-around clamp caddy project
- Plus Drew's Interludes
 - o Scoring plywood for circular saw cuts
 - o Crowning a sanding belt

Sawdust Session #11: January 12, 2008

- Turning bowls from single boards with the Ringmaster
- Band sawing finger joints (Wind Harp plans)
- Cleaning and lubricating the Mark V
- Plus Drew's Interludes
 - o Removing pencil lines
 - o Planing thin stock

Sawdust Session #10: December 29, 2007

Sharpening hand tools with the Strip Sander
Making 'turned cabriole' legs
Applying wipe-on finishes
Thickness Planer tune-up

Sawdust Session #9: December 8, 2007

Designing a dust collection system
Making Scroll Saw holiday ornaments
Making decorative turnings from laminated stock
Choosing the proper table saw blade

Sawdust Session #8: November 24, 2007

Routing and shaping turned work on the Overarm Router
Turning pens and pencils
Making decorative splined joints
Using the magnetic rules on the Model 520

Sawdust Session #7: November 10, 2007

Replacing and tensioning the Mark V quill
Pin routing with the Overarm Router
Sanding inside shapes with the Strip Sander
Mounting and turning burls

Sawdust Session #6: October 27, 2007

An overview of the Sand Flee finish sander
Sanding test document: Sand Flee vs. other finish sanders
Jointer knife-setting jig
Basic marquetry techniques

Sawdust Session #5: October 13, 2007

Planing tips to get the best possible results
Cutting decorative shapes with the Overarm Router
Sanding three-dimensional shapes and curves
Turning precise tapers

Sawdust Session #4: September 29, 2007

Replacing and tensioning the Mark V headstock belts
Making simple joinery with the Overarm Router
Sharpening lathe chisels with the Sharpening Guide
Veneering techniques

Sawdust Session #3: September 15, 2007

Replacing the switch in the Mark V headstock
An overview of the Overarm Router
Making compound cuts on the Band Saw
Using nitric acid to stain wood

Sawdust Session #2: August 25, 2007

Making small part with precision
Routing precise dadoes and grooves
Making small finger joints with a dado cutter
Re-sawing and planing figured woods

Premier Sawdust Session: August 11, 2007

Two methods of making mortises
○ Mortising Attachment
○ Overarm Router
Aligning the Mark V table
Precision sanding with a Conical Disc sander
A drill bit primer

SHOP TIPS

Ten cent mortising gauge
Belt Sander fence jig
Avoiding back-routing
Turning precise diameters
Zero clearance inserts
Abrasive cleaning stick
A long handle for the footswitch
Using a cone cutter to get a smooth surface
Double bar clamp veneer press
Aligning a workpiece for crosscutting
The trick to using hand screw clamps
Sharpening curved scrapers
Collecting sawdust while drilling
Stacking featherboards for re-sawing
Undercutting a tenon
Wrapping a board around a box
Waxing sliding tables, clamps and jigs
Stabilizing the Mark V table
Making and using a bench hook
Building Mark V work surfaces
Three T-slot jigs
Vernier tapes for the adjustable stop collar
Preventing router bit slips
Sliding table auxiliary fence
Sanding plywood banding
Making wooden trivets
Using a boring bar for bowl turning
Cutting biscuit slots in the middle of a board
Sharpening knives on the Strip Sander
Lower saw guard maintenance
Making and using corner squares
No slip glue tip
Removing rust with potatoes
More lift assistance for the table and headstock
Cleaning epoxy and silicone adhesives
Cleaning the thickness planer posts
Cutting compound miters with an Incra Sled
Band saw extension tables
Joining veneer
Increasing Mark V table stability
Drilling with accuracy
Toxic woods and how they affect you