

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 parts 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
 - o Mortising Attachment
 - o 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