

Woodworking with the Router

Table of Contents

Introduction.....v

Routers.....1

- The Motor
- The Collet
- The Router Base
- The Assembled Package

Bits.....17

- What Do You Need to Know?
- Just Starting?
- Using Bits
- Bit Care

Router 101.....29

- Safety
- Stock
- Using a Guide
- Setting Up
- Feed Direction
- Workloads
- Your First Cuts

Jigmaking.....43

- Design
- Materials
- Construction

Router Table Design.....55

- Router Table Architecture
- What Router?
- The Tabletop
- Router-Mounting Options
- What Router, Revisited
- Fences
- The Underpinnings: Stand or Cabinet
- Dust Collection
- Engineering the Tabletop

Cabinet Router Table.....81

- Construction

Horizontal Router Table.....91

- Construction

Router Table Accessories.....101

- Starting Pin
- Bit Guards
- Fence
- Sliding Fence
- Workpiece Controllers

Router Table Savvy.....119

- Changing Bits
- Setting the Bit Extension
- Controlling the Workpiece
- Making the Cut

Decorative Treatments.....139

- Profile Bits
- Edge-Routing Techniques
- Routing Trim for Furniture
- Architectural Moldings

Template-Guided Work.....155

- Three Guidance Setups
- Making Templates
- Template-Guided Routing
- Inlay
- Template-Guided Joinery Cuts

Routing Curves and Circles.....175

- Basic Trammels
- Adjustable Trammel
- Using a Trammel
- Cutting Arcs and Circles on the Router Table
- Oval Cutting
- Template-Guided Cuts

Surfacing with the Router.....191

- Flush-Trimming
- Jointing with a Router
- Thickening
- Shaping Surfaces

Frame-and-Panel Construction.....209

- Making Frames

Making Panels	Routing Through Dovetails
Curved-Edge Assemblies	
Making Architectural Doors and Windows	
Working Laminates.....229	Sliding Dovetail Joint.....317
The Material	Cutting the Joint
Cutting Laminate	Routing Dovetail Grooves
Trimming Laminates	Routing Tails
Dadoing and Grooving.....235	Splined Miter Joint.....329
Hand-Guided Through Cuts	Flat Miters
Grooving with an Edge Guide	Edge Miters
Router Table Through Cuts	Box Joints.....337
Stopped Cuts	The Box-Joint Jig
Bit Choices	Spline and Dovetail Keys.....345
Rabbeting.....251	Making the Jig
Rabbeting with a Piloted Bit	Slotting on the Table
Rabbeting with a Straight Bit	Fitting the Keys
Stopped Rabbets	Routed Joints.....351
Wide Rabbets	Routed Glue Joint
Deep Rabbets	Lock-Miter Joint
Edge Joints.....259	Drawer-Lock Joint
Routing an Edge Joint	Sources.....367
Splined Edge Joinery	Index.....369
Biscuit Joinery with a Router	
Tongue-and-Groove Joints	
Mortise-and-Tenon Joints.....273	
Mortising Setup	
Mortising Fixtures	
Template Systems	
Mortising on the Horizontal Router Table	
Routing Tenons	
Lap Joints.....295	
End Laps	
Cross Laps	
Mitered Half-Laps	
Edge Laps	
Dovetail Joints.....305	
Half-Blind Dovetail Jigs	