

Title	Author	category	Issue	page	pages
At the Lathe: Choosing Your Chucks	Ditmer, Judy	techniques	February-05	92	3
Build a Sailor Girl on Your Own	Wilson, John	project	February-05	86	6
Flexner on Finishing: Repairing Color Damage	Flexner, Bob	techniques	February-05	98	2
Frame & Panel Dresser	Sexton, Troy	project	February-05	40	9
Great Woodshops: A Chairmaker's Laboratory	Gebhart Uhl, Kara	tools and shop	February-05	32	4
Harvey Ellis Bookcase	Lang, Robert	project	February-05	66	8
Out of the Woodwork: Protecting Tools from Kids	Stickle, Sam	tools and shop	February-05	104	1
Out on a Limb: Silver Jubilee	Shanesy, Steve		February-05	8	1
Q&A: Banish Plane Tracks with Sharpening	staff	techniques	February-05	14	1
Real Planers	Thiel, David	tools and shop	February-05	80	6
Resurrecting Chisels	Anthony, Paul	tools and shop	February-05	74	6
The WoodRat	Thiel, David	tools and shop	February-05	57	3
Tool Test	staff	tools and shop	February-05	28	2
Tricks of the Trade	staff	techniques	February-05	18	3
Woodworking Essentials Chp. 4: Customize Table Saw	Engler, Nick	tools and shop	February-05		8
Your First Hand-cut Dovetails	Bird, Lonnie	techniques	February-05	60	6
Arts & Mysteries: The Striking Knife	Cherubini, Adam	techniques	April-05	32	3
At the Lathe: Strategies for a Fitted-lid Box	Ditmer, Judy	techniques	April-05	92	3
Best-selling Plant Stand	Black, Barry	project	April-05	80	6
Cheating at Chairmaking	Schwarz, Christopher	techniques	April-05	62	8
Endurance Test: Bench Dog ProLift AL	Thiel, David	tools and shop	April-05	26	1
Flexner on Finishing: Choosing an Exterior Coating	Flexner, Bob	techniques	April-05	98	3
Fundamentals of Layout	Bird, Lonnie	techniques	April-05	76	4
Greene & Greene Sideboard	Lang, Robert	project	April-05	36	8
One-weekend Router Table	Thiel, David	project	April-05	70	6
Out of the Woodwork: Almost a Plane Wreck	Schwarz, Christopher	tools and shop	April-05	104	1
Out on a Limb: Making Chairs & Exploring Mysteries	Shanesy, Steve	techniques	April-05	8	1
Power-tool Joinery: Tongue and	Hylton, Bill	techniques	April-05	86	3

Groove Joints						
Q&A: Clamping Strategies for Flat Panels	staff	techniques	April-05	14	1	
Tool Test: All-new Fein Cordless Drill	staff	techniques	April-05	28	3	
Total Shop in a Box	Gibson, Scott	tools and shop	April-05	57	5	
Traveling Toolbox	Weber, Don	project	April-05	44	5	
Tricks of the Trade: Shooting Board for Veneer	staff	techniques	April-05	18	4	
Woodworking Essentials Chp. 5: Advanced Joinery	Engler, Nick	tools and shop	April-05		8	
A Practical Shop Cabinet	Sexton, Troy	project	June-05	53	3	
Arts & Mysteries: Advanced Chisel Techniques	Cherubini, Adam	techniques	June-05	82	5	
At the Lathe: Turn Your First Bowl	Ditmer, Judy	techniques	June-05	77	3	
Baltimore Card Table	Huey, Glen	project	June-05	66	8	
Build Better Bookcases	Lang, Robert	project	June-05	32	10	
Flexner on Finishing: The Many Faces of Varnish	Flexner, Bob	techniques	June-05	90	2	
Great Workshops: A Writer's Workshop	Gebhart Uhl, Kara	tools and shop	June-05	74	3	
Out of the Woodwork: Farewell Fractions, Hello Bob	Dunstan, Robert	tools and shop	June-05	96	1	
Out on a Limb: On the Cutting Edge of Enlightenment	Shanesy, Steve	techniques	June-05	8	1	
Power-tool Joinery: Box Joints	Hylton, Bill	techniques	June-05	28	3	
Q&A: How to Sharpen Odd or Curved Blades	staff	techniques	June-05	14	2	
Sawbench & Shop Stool	Wilson, John	project	June-05	42	3	
Tool Test: Hitachi Digital Readout Miter Saw	staff	tools and shop	June-05	25	2	
Tricks of the Trade: Setting Miter Gauge Angles	staff	techniques	June-05	18	2	
Two Plane Makers	Schwarz, Christopher	tools and shop	June-05	56	10	
Woodworking Essentials Chp. 6: Special Techniques	Engler, Nick	tools and shop	June-05		8	
\$5 Router Plane	Wilson, John	tools and shop	August-05	72	4	
Arts & Mysteries-Plane Names	Cherubini, Adam	techniques	August-05	82	4	
At the Lathe: Solid Roots for Good Design	Ditmer, Judy	techniques	August-05	90	2	
Flexner on Finishing: Fixing Finished Surfaces	Flexner, Bob	techniques	August-05	86	2	
Great Workshops: New Yankee Workshop	Gebhart Uhl, Kara	tools and shop	August-05	34	4	
Leaning Shelves	Schwarz, Christopher	project	August-05	61	6	
Learning Curves-Plane Irons	Charlesworth,	techniques	August-05	53	7	

Norm Abram's Adirondack Chair	David Shanesy, Steve	project	August-05	38	7
Out of the Woodwork: Woodshop Pest Control	Sieling, Peter	tools and shop	August-05	96	1
Out on a Limb: Value of Woodworking	Shanesy, Steve	techniques	August-05	8	1
Power Assisted Dovetails	Gibson, Scott	techniques	August-05	77	4
Power-tool Joinery: Cope and Stick Joints	Hylton, Bill	techniques	August-05	30	3
Q&A: Greene & Greene Finish	staff	techniques	August-05	10	2
Tricks of the Trade	staff	techniques	August-05	18	4
Woodworking Essentials Chp. 7: Advanced Techniques	Engler, Nick	tools and shop	August-05		8
Woodworking Miter Saw	Thiel, David	tools and shop	August-05	66	6
A Better Table for a Drill Press	Hedberg, Eric	tools and shop	October- 05	36	6
Arts & Mysteries: The Secrets to Sawing Fast	Cherubini, Adam	techniques	October- 05	42	4
At the Lathe: How to Pursue an Ideal Form	Ditmer, Judy	techniques	October- 05	96	3
Bent Laminations	Lang, Robert	project	October- 05	76	6
Build an Oil Wicke	Peterson, Samuel	project	October- 05	61	1
Casework Construction: Beginning Principles	Thiel, David	techniques	October- 05	53	8
Efficient Shop Wiring	Wedlock, Bruce	tools and shop	October- 05	82	6
Flexner on Finishing: Wood Conditioner Confusion	Flexner, Bob	techniques	October- 05	110	2
Frank Klausz's Final Word on Dovetails	Klausz, Frank	techniques	October- 05	46	6
Great Woodshops: The Art of Engineering flutes	Gebhart Uhl, Kara	tools and shop	October- 05	102	6
Out of the Woodwork: Quit Crying and Get to Work	Grandstaff, Scott	tools and shop	October- 05	112	1
Power Tool Joinery: Template Mortising	Hylton, Bill	techniques	October- 05	99	3
Prairie-style Coffee Table	Thiel, David	project	October- 05	62	6
SawStop Cabinet Saw	staff	tools and shop	October- 05	86	2
Setting Jointer & Planer Knives	Lang, Robert	tools and shop	October- 05	88	6
Shiplapped Cabinet Backs	Gibson, Scott	techniques	October- 05	68	4
The Magic of Iron and Fire	Weber, Don	techniques	October- 05	72	4
Anthony Hay Cabinet Shop	Cherubini, Adam	tools and shop	November- 05	66	4

Are Lasers Just a Gimmick?	Thiel, David	tools and shop	November-05	82	4
Arts & Crafts Bridal Chest	Lang, Robert	project	November-05	76	6
Arts & Mysteries: The Plane My Brother is	Cherubini, Adam	tools and shop	November-05	40	3
Casework Construction: Wood Selection & Prep	Thiel, David	techniques	November-05	49	8
Flexner on Finishing: Basics of Wiping Varnish	Flexner, Bob	techniques	November-05	70	6
Great Woodshops: A School Built to Thrive and Last	Gibson, Scott	tools and shop	November-05	92	4
Newest Tools from Las Vegas AWFS Show	Thiel, David	tools and shop	November-05	86	6
Power Tool Joinery: Glazed Doors	Hylton, Bill	techniques	November-05	100	4
Tall Chest: Carcase Construction	Bird, Lonnie	project	November-05	58	8
The Essential Awl	Sellers, Paul	tools and shop	November-05	44	5
14.4-Volt Drills	Thiel, David	tools and shop	December-05	70	6
Anvil Test	Lang, Robert	techniques	December-05	76	4
Arts & Mysteries: The Lost Arts & Mysteries	Cherubini, Adam	techniques	December-05	32	5
At the Lathe: Two Holiday Turning Projects	Ditmer, Judy	techniques	December-05	90	5
Authentic Shaker Construction Methods	Pierce, Kerry	techniques	December-05	38	7
Best New Tools of 2005	Schwarz, Christopher	tools and shop	December-05	61	5
Casework Construction: Case Joinery	Thiel, David	techniques	December-05	45	8
Chair Devils	Somerville, Kathy	tools and shop	December-05	80	3
Constructing Lipped Drawers	Bird, Lonnie	project	December-05	66	4
Flexner on Finishing: Spray Gun Maintenance	Flexner, Bob	techniques	December-05	98	2
Out of the Woodwork: A Whiff of the Past	Knebel, Ben	tools and shop	December-05	104	1

Title	Author	category	Issue	page	pages
Resurrecting Chisels	Anthony, Paul	tools and shop	February-05	74	6
Constructing Lipped Drawers	Bird, Lonnie	project	December-05	66	4
Fundamentals of Layout	Bird, Lonnie	techniques	April-05	76	4
Tall Chest: Carcase Construction	Bird, Lonnie	project	November-05	58	8
Your First Hand-cut Dovetails	Bird, Lonnie	techniques	February-05	60	6
Best-selling Plant Stand	Black, Barry	project	April-05	80	6
Learning Curves-Plane Irons	Charlesworth, David	techniques	August-05	53	7
Anthony Hay Cabinet Shop	Cherubini, Adam	tools and shop	November-05	66	4
Arts & Mysteries: Advanced Chisel Techniques	Cherubini, Adam	techniques	June-05	82	5
Arts & Mysteries: The Lost Arts & Mysteries	Cherubini, Adam	techniques	December-05	32	5
Arts & Mysteries: The Plane My Brother is	Cherubini, Adam	tools and shop	November-05	40	3
Arts & Mysteries: The Secrets to Sawing Fast	Cherubini, Adam	techniques	October-05	42	4
Arts & Mysteries: The Striking Knife	Cherubini, Adam	techniques	April-05	32	3
Arts & Mysteries-Plane Names	Cherubini, Adam	techniques	August-05	82	4
At the Lathe: Two Holiday Turning Projects	Ditmer, Judy	techniques	December-05	90	5
At the Lathe: Choosing Your Chucks	Ditmer, Judy	techniques	February-05	92	3
At the Lathe: How to Pursue an Ideal Form	Ditmer, Judy	techniques	October-05	96	3
At the Lathe: Solid Roots for Good Design	Ditmer, Judy	techniques	August-05	90	2
At the Lathe: Strategies for a Fitted-lid Box	Ditmer, Judy	techniques	April-05	92	3
At the Lathe: Turn Your First Bowl	Ditmer, Judy	techniques	June-05	77	3
Out of the Woodwork: Farewell Fractions, Hello Bob	Dunstan, Robert	tools and shop	June-05	96	1
Woodworking Essentials Chp. 4: Customize Table Saw	Engler, Nick	tools and shop	February-05		8
Woodworking Essentials Chp. 5: Advanced Joinery	Engler, Nick	tools and shop	April-05		8
Woodworking Essentials Chp. 6: Special Techniques	Engler, Nick	tools and shop	June-05		8
Woodworking Essentials Chp. 7: Advanced Techniques	Engler, Nick	tools and shop	August-05		8
Flexner on Finishing: Basics of Wiping Varnish	Flexner, Bob	techniques	November-05	70	6
Flexner on Finishing: Choosing an Exterior Coating	Flexner, Bob	techniques	April-05	98	3
Flexner on Finishing: Repairing Color Damage	Flexner, Bob	techniques	February-05	98	2
Flexner on Finishing: Spray Gun Maintenance	Flexner, Bob	techniques	December-05	98	2
Flexner on Finishing: The Many Faces of Varnish	Flexner, Bob	techniques	June-05	90	2
Flexner on Finishing: Wood Conditioner Confusion	Flexner, Bob	techniques	October-05	110	2
Flexner on Finishing: Fixing Finished Surfaces	Flexner, Bob	techniques	August-05	86	2
Great Woodshops: A Chairmaker's Laboratory	Gebhart Uhl, Kara	tools and shop	February-05	32	4
Great Woodshops: The Art of Engineering flutes	Gebhart Uhl, Kara	tools and shop	October-05	102	6
Great Workshops: A Writer's Workshop	Gebhart Uhl, Kara	tools and shop	June-05	74	3
Great Workshops: New Yankee Workshop	Gebhart Uhl, Kara	tools and shop	August-05	34	4
Great Woodshops: A School Built to Thrive and Last	Gibson, Scott	tools and shop	November-05	92	4
Power Assisted Dovetails	Gibson, Scott	techniques	August-05	77	4
Shiplapped Cabinet Backs	Gibson, Scott	techniques	October-05	68	4
Total Shop in a Box	Gibson, Scott	tools and shop	April-05	57	5
Out of the Woodwork: Quit Crying and Get to Work	Grandstaff, Scott	tools and shop	October-05	112	1
A Better Table for a Drill Press	Hedberg, Eric	tools and shop	October-05	36	6
Baltimore Card Table	Huey, Glen	project	June-05	66	8
Power Tool Joinery: Glazed Doors	Hylton, Bill	techniques	November-05	100	4
Power Tool Joinery: Template Mortising	Hylton, Bill	techniques	October-05	99	3
Power-tool Joinery: Box Joints	Hylton, Bill	techniques	June-05	28	3
Power-tool Joinery: Cope and Stick Joints	Hylton, Bill	techniques	August-05	30	3
Power-tool Joinery: Tongue and Groove Joints	Hylton, Bill	techniques	April-05	86	3
Frank Klausz's Final Word on Dovetails	Klausz, Frank	techniques	October-05	46	6
Out of the Woodwork: A Whiff of the Past	Knebel, Ben	tools and shop	December-05	104	1
Anvil Test	Lang, Robert	techniques	December-05	76	4
Arts & Crafts Bridal Chest	Lang, Robert	project	November-05	76	6
Bent Laminations	Lang, Robert	project	October-05	76	6
Build Better Bookcases	Lang, Robert	project	June-05	32	10
Greene & Greene Sideboard	Lang, Robert	project	April-05	36	8
Harvey Ellis Bookcase	Lang, Robert	project	February-05	66	8
Setting Jointer & Planer Knives	Lang, Robert	tools and shop	October-05	88	6
Build an Oil Wicke	Peterson, Samuel	project	October-05	61	1
Authentic Shaker Construction Methods	Pierce, Kerry	techniques	December-05	38	7
Best New Tools of 2005	Schwarz, Christopher	tools and shop	December-05	61	5
Cheating at Chairmaking	Schwarz, Christopher	techniques	April-05	62	8
Leaning Shelves	Schwarz, Christopher	project	August-05	61	6
Out of the Woodwork: Almost a Plane Wreck	Schwarz, Christopher	tools and shop	April-05	104	1
Two Plane Makers	Schwarz, Christopher	tools and shop	June-05	56	10
The Essential Awl	Sellers, Paul	tools and shop	November-05	44	5
A Practical Shop Cabinet	Sexton, Troy	project	June-05	53	3
Frame & Panel Dresser	Sexton, Troy	project	February-05	40	9
Norm Abram's Adirondack Chair	Shanesy, Steve	project	August-05	38	7
Out on a Limb: Making Chairs & Exploring Mysteries	Shanesy, Steve	techniques	April-05	8	1

Out on a Limb: Silver Jubilee	Shanesy, Steve		February-05	8	1
Out on a Limb: Value of Woodworking	Shanesy, Steve	techniques	August-05	8	1
Out on a Limb: On the Cutting Edge of Enlightenment	Shanesy, Steve	techniques	June-05	8	1
Out of the Woodwork: Woodshop Pest Control	Sieling, Peter	tools and shop	August-05	96	1
Chair Devils	Somerville, Kathy	tools and shop	December-05	80	3
Q&A: Banish Plane Tracks with Sharpening	staff	techniques	February-05	14	1
Q&A: Clamping Strategies for Flat Panels	staff	techniques	April-05	14	1
Q&A: Greene & Greene Finish	staff	techniques	August-05	10	2
Q&A: How to Sharpen Odd or Curved Blades	staff	techniques	June-05	14	2
SawStop Cabinet Saw	staff	tools and shop	October-05	86	2
Tool Test	staff	tools and shop	February-05	28	2
Tool Test: All-new Fein Cordless Drill	staff	techniques	April-05	28	3
Tool Test: Hitachi Digital Readout Miter Saw	staff	tools and shop	June-05	25	2
Tricks of the Trade	staff	techniques	February-05	18	3
Tricks of the Trade	staff	techniques	August-05	18	4
Tricks of the Trade: Setting Miter Gauge Angles	staff	techniques	June-05	18	2
Tricks of the Trade: Shooting Board for Veneer	staff	techniques	April-05	18	4
Out of the Woodwork: Protecting Tools from Kids	Stickle, Sam	tools and shop	February-05	104	1
14.4-Volt Drills	Thiel, David	tools and shop	December-05	70	6
Are Lasers Just a Gimmick?	Thiel, David	tools and shop	November-05	82	4
Casework Construction: Beginning Principles	Thiel, David	techniques	October-05	53	8
Casework Construction: Case Joinery	Thiel, David	techniques	December-05	45	8
Casework Construction: Wood Selection & Prep	Thiel, David	techniques	November-05	49	8
Endurance Test: Bench Dog ProLift AL	Thiel, David	tools and shop	April-05	26	1
Newest Tools from Las Vegas AWFS Show	Thiel, David	tools and shop	November-05	86	6
One-weekend Router Table	Thiel, David	project	April-05	70	6
Prairie-style Coffee Table	Thiel, David	project	October-05	62	6
Real Planers	Thiel, David	tools and shop	February-05	80	6
The WoodRat	Thiel, David	tools and shop	February-05	57	3
Woodworking Miter Saw	Thiel, David	tools and shop	August-05	66	6
The Magic of Iron and Fire	Weber, Don	techniques	October-05	72	4
Traveling Toolbox	Weber, Don	project	April-05	44	5
Efficient Shop Wiring	Wedlock, Bruce	tools and shop	October-05	82	6
\$5 Router Plane	Wilson, John	tools and shop	August-05	72	4
Build a Sailor Girl on Your Own	Wilson, John	project	February-05	86	6
Sawbench & Shop Stool	Wilson, John	project	June-05	42	3

Title	Author	category	Issue	page	pages
Tall Chest: Carcase Construction	Bird, Lonnie	project	November-05	58	8
Constructing Lipped Drawers	Bird, Lonnie	project	December-05	66	4
Best-selling Plant Stand	Black, Barry	project	April-05	80	6
Baltimore Card Table	Huey, Glen	project	June-05	66	8
Harvey Ellis Bookcase	Lang, Robert	project	February-05	66	8
Greene & Greene Sideboard	Lang, Robert	project	April-05	36	8
Build Better Bookcases	Lang, Robert	project	June-05	32	10
Bent Laminations	Lang, Robert	project	October-05	76	6
Arts & Crafts Bridal Chest	Lang, Robert	project	November-05	76	6
Build an Oil Wicke	Peterson, Samuel	project	October-05	61	1
Leaning Shelves	Schwarz, Christopher	project	August-05	61	6
Frame & Panel Dresser	Sexton, Troy	project	February-05	40	9
A Practical Shop Cabinet	Sexton, Troy	project	June-05	53	3
Norm Abram's Adirondack Chair	Shanesy, Steve	project	August-05	38	7
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Sawbench & Shop Stool	Wilson, John	project	June-05	42	3
Your First Hand-cut Dovetails	Bird, Lonnie	techniques	February-05	60	6
Fundamentals of Layout	Bird, Lonnie	techniques	April-05	76	4
Learning Curves-Plane Irons	Charlesworth, David	techniques	August-05	53	7
Arts & Mysteries: The Striking Knife	Cherubini, Adam	techniques	April-05	32	3
Arts & Mysteries: Advanced Chisel Techniques	Cherubini, Adam	techniques	June-05	82	5
Arts & Mysteries-Plane Names	Cherubini, Adam	techniques	August-05	82	4
Arts & Mysteries: The Secrets to Sawing Fast	Cherubini, Adam	techniques	October-05	42	4
Arts & Mysteries: The Lost Arts & Mysteries	Cherubini, Adam	techniques	December-05	32	5
At the Lathe: Choosing Your Chucks	Ditmer, Judy	techniques	February-05	92	3
At the Lathe: Strategies for a Fitted-lid Box	Ditmer, Judy	techniques	April-05	92	3
At the Lathe: Turn Your First Bowl	Ditmer, Judy	techniques	June-05	77	3
At the Lathe: Solid Roots for Good Design	Ditmer, Judy	techniques	August-05	90	2
At the Lathe: How to Pursue an Ideal Form	Ditmer, Judy	techniques	October-05	96	3
At the Lathe: Two Holiday Turning Projects	Ditmer, Judy	techniques	December-05	90	5
Flexner on Finishing: Repairing Color Damage	Flexner, Bob	techniques	February-05	98	2
Flexner on Finishing: Choosing an Exterior Coating	Flexner, Bob	techniques	April-05	98	3
Flexner on Finishing: The Many Faces of Varnish	Flexner, Bob	techniques	June-05	90	2
Flexner on Finishing: Fixing Finished Surfaces	Flexner, Bob	techniques	August-05	86	2
Flexner on Finishing: Wood Conditioner Confusion	Flexner, Bob	techniques	October-05	110	2
Flexner on Finishing: Basics of Wiping Varnish	Flexner, Bob	techniques	November-05	70	6
Flexner on Finishing: Spray Gun Maintenance	Flexner, Bob	techniques	December-05	98	2
Power Assisted Dovetails	Gibson, Scott	techniques	August-05	77	4
Shiplapped Cabinet Backs	Gibson, Scott	techniques	October-05	68	4
Power-tool Joinery: Tongue and Groove Joints	Hylton, Bill	techniques	April-05	86	3
Power-tool Joinery: Box Joints	Hylton, Bill	techniques	June-05	28	3
Power-tool Joinery: Cope and Stick Joints	Hylton, Bill	techniques	August-05	30	3
Power Tool Joinery: Template Mortising	Hylton, Bill	techniques	October-05	99	3
Power Tool Joinery: Glazed Doors	Hylton, Bill	techniques	November-05	100	4
Frank Klausz's Final Word on Dovetails	Klausz, Frank	techniques	October-05	46	6
Anvil Test	Lang, Robert	techniques	December-05	76	4
Authentic Shaker Construction Methods	Pierce, Kerry	techniques	December-05	38	7
Cheating at Chairmaking	Schwarz, Christopher	techniques	April-05	62	8
Out on a Limb: Making Chairs & Exploring Mysteries	Shanesy, Steve	techniques	April-05	8	1
Out on a Limb: On the Cutting Edge of Enlightenment	Shanesy, Steve	techniques	June-05	8	1
Out on a Limb: Value of Woodworking	Shanesy, Steve	techniques	August-05	8	1
Q&A: Banish Plane Tracks with Sharpening	staff	techniques	February-05	14	1
Tricks of the Trade	staff	techniques	February-05	18	3
Q&A: Clamping Strategies for Flat Panels	staff	techniques	April-05	14	1
Tool Test: All-new Fein Cordless Drill	staff	techniques	April-05	28	3
Tricks of the Trade: Shooting Board for Veneer	staff	techniques	April-05	18	4
Q&A: How to Sharpen Odd or Curved Blades	staff	techniques	June-05	14	2
Tricks of the Trade: Setting Miter Gauge Angles	staff	techniques	June-05	18	2
Q&A: Greene & Greene Finish	staff	techniques	August-05	10	2
Tricks of the Trade	staff	techniques	August-05	18	4
Casework Construction: Beginning Principles	Thiel, David	techniques	October-05	53	8
Casework Construction: Wood Selection & Prep	Thiel, David	techniques	November-05	49	8
Casework Construction: Case Joinery	Thiel, David	techniques	December-05	45	8
The Magic of Iron and Fire	Weber, Don	techniques	October-05	72	4
Resurrecting Chisels	Anthony, Paul	tools and shop	February-05	74	6
Anthony Hay Cabinet Shop	Cherubini, Adam	tools and shop	November-05	66	4

Arts & Mysteries: The Plane My Brother is	Cherubini, Adam	tools and shop	November-05	40	3
Out of the Woodwork: Farewell Fractions, Hello Bob	Dunstan, Robert	tools and shop	June-05	96	1
Woodworking Essentials Chp. 4: Customize Table Saw	Engler, Nick	tools and shop	February-05		8
Woodworking Essentials Chp. 5: Advanced Joinery	Engler, Nick	tools and shop	April-05		8
Woodworking Essentials Chp. 6: Special Techniques	Engler, Nick	tools and shop	June-05		8
Woodworking Essentials Chp. 7: Advanced Techniques	Engler, Nick	tools and shop	August-05		8
Great Woodshops: A Chairmaker's Laboratory	Gebhart Uhl, Kara	tools and shop	February-05	32	4
Great Workshops: A Writer's Workshop	Gebhart Uhl, Kara	tools and shop	June-05	74	3
Great Workshops: New Yankee Workshop	Gebhart Uhl, Kara	tools and shop	August-05	34	4
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A Better Table for a Drill Press	Hedberg, Eric	tools and shop	October-05	36	6
Out of the Woodwork: A Whiff of the Past	Knebel, Ben	tools and shop	December-05	104	1
Setting Jointer & Planer Knives	Lang, Robert	tools and shop	October-05	88	6
Out of the Woodwork: Almost a Plane Wreck	Schwarz, Christopher	tools and shop	April-05	104	1
Two Plane Makers	Schwarz, Christopher	tools and shop	June-05	56	10
Best New Tools of 2005	Schwarz, Christopher	tools and shop	December-05	61	5
The Essential Awl	Sellers, Paul	tools and shop	November-05	44	5
Out of the Woodwork: Woodshop Pest Control	Sieling, Peter	tools and shop	August-05	96	1
Chair Devils	Somerville, Kathy	tools and shop	December-05	80	3
Tool Test	staff	tools and shop	February-05	28	2
Tool Test: Hitachi Digital Readout Miter Saw	staff	tools and shop	June-05	25	2
SawStop Cabinet Saw	staff	tools and shop	October-05	86	2
Out of the Woodwork: Protecting Tools from Kids	Stickle, Sam	tools and shop	February-05	104	1
Real Planers	Thiel, David	tools and shop	February-05	80	6
The WoodRat	Thiel, David	tools and shop	February-05	57	3
Endurance Test: Bench Dog ProLift AL	Thiel, David	tools and shop	April-05	26	1
Woodworking Miter Saw	Thiel, David	tools and shop	August-05	66	6
Are Lasers Just a Gimmick?	Thiel, David	tools and shop	November-05	82	4
Newest Tools from Las Vegas AWFS Show	Thiel, David	tools and shop	November-05	86	6
14.4-Volt Drills	Thiel, David	tools and shop	December-05	70	6
Efficient Shop Wiring	Wedlock, Bruce	tools and shop	October-05	82	6
\$5 Router Plane	Wilson, John	tools and shop	August-05	72	4
Out on a Limb: Silver Jubilee	Shanesy, Steve		February-05	8	1

Title	Author	category	Issue	page	pages	description
Real Planers	Thiel, David	tools and shop	February-05	80	6	Serious woodworkers need a 15" planer. We put eight through a series of demanding tests to find the best ones for all your planing needs. Wood must be mounted before it can spin. Chucks are one popular method. We give you the lowdown on what to buy.
At the Lathe: Choosing Your Chucks	Ditmer, Judy	techniques	February-05	92	3	A visit to a sailboat-making class at The Home Shop, operated by John Wilson, proves that a boat can be easily built with readily available materials in a matter of days, not months or years.
Build a Sailor Girl on Your Own	Wilson, John	project	February-05	86	6	You don't have to be a professional refinisher to fix damaged finishes. When dealing with minor nicks and scratches, learn what to look for and how to go about repairing it.
Flexner on Finishing: Repairing Color Damage	Flexner, Bob	techniques	February-05	98	2	Mastering one traditional building technique enables you to easily build a beautiful, early American masterpiece. Article includes step-by-step photos, illustrations, cutting list and instruction.
Frame & Panel Dresser	Sexton, Troy	project	February-05	40	9	Brian Boggs's ladderback chairs have won him national acclaim. A tour of his shop, full of jigs, joints and
Great Woodshops: A Chairmaker's Laboratory	Gebhart Uhl, Kara	tools and shop	February-05	32	4	

						tools he's invented, proves he's a successful scientist, too.
						We recreate the classic glass-front bookcase from Harvey Ellis and Gustav Stickley, and show you step-by-step how you can, too. Plus, learn to finish with ammonia fuming safely. Article includes step-by-step photos, illustrations, a cutting list and instruction.
Harvey Ellis Bookcase	Lang, Robert	project	February-05	66	8	
Out of the Woodwork: Protecting Tools from Kids	Stickley, Sam	tools and shop	February-05	104	1	Sometimes a little talking-to (and video surveillance) is all it takes.
						Not-so-big Shops, and a Silver Jubilee: Editor and Publisher Steve Shanesy discusses why big-shop envy is a misplaced sentiment plus comments on our 25th anniversary. Our Contributors column features Troy Sexton and Lonnie Bird.
Out on a Limb: Silver Jubilee	Shanesy, Steve		February-05	8	1	Smoothing planes can leave grooves (called plane tracks) in the face of your board. Learn how to get rid of them with sharpening. Plus: How can I remedy drawers that are difficult to open? • Which chisels are suitable for handcutting dovetails?
Q&A: Banish Plane Tracks with Sharpening	staff	techniques	February-05	14	1	Rusty and abused chisels abound at flea markets, garage sales and auctions.
Resurrecting Chisels	Anthony, Paul	tools and shop	February-05	74	6	

The WoodRat	Thiel, David	tools and shop	February-05	57	3	<p>Learn how to properly restore them – it's easier than you think.</p> <p>Vogue in Britain, we review this multi-purpose jig, cut some perfect dovetails and wonder why it's not more popular here.</p> <p>Alloyed Laminated Steel Carpenters' Chisels • Hitachi KM12SC Two-base Router • Bosch PB-10CD Power Box • Norton #1,000/#8,000 Waterstone • Graham Blackburn's "Traditional</p>
Tool Test	staff	tools and shop	February-05	28	2	<p>Woodworking Techniques"</p> <p>A Quick Stop-block for Short Cuts. Plus: finishing drawers • open-end thickness gauge • clean-edged masking • closing the gates • improved hand screws • pocket hole shelf hanger • a better hammer handle • hole saw ejector • hiding reinforcing dowels • lag screw levelers</p>
Tricks of the Trade	staff	techniques	February-05	18	3	<p>Learn to soup up your existing table saw or customize your new one with accessories. In return, you'll have a safer, more accurate and easier-to-use machine. Plus, a shop-made saw sled.</p>
Woodworking Essentials Chp. 4: Customize Table Saw	Engler, Nick	tools and shop	February-05		8	<p>Master dovetailer Lonnie Bird takes you by the hand on the path to cutting perfect dovetails.</p>
Your First Hand-cut Dovetails	Bird, Lonnie	techniques	February-05	60	6	

							<p>The essential secret is simple: Saw a straight line.</p> <p>Our new series about working quickly and efficiently with hand tools starts off by revealing how a nearly extinct tool, the striking knife, can greatly improve your accuracy at woodworking.</p>
Arts & Mysteries: The Striking Knife	Cherubini, Adam	techniques	April-05	32	3	<p>Turning objects with fitted lids can be challenging. Our egg box project is the perfect practice piece.</p>	
At the Lathe: Strategies for a Fitted-lid Box	Ditmer, Judy	techniques	April-05	92	3	<p>Barry Black sells a ton of these at shows each year. Simple to build, this little table fits well in any home. Article includes detailed instruction, illustrations, step photos and a cutting list.</p>	
Best-selling Plant Stand	Black, Barry	project	April-05	80	6	<p>You don't need a slew of tools or specialized skills to call yourself a bodger. Our list of tips and tricks will have you shaping seats in short order.</p>	
Cheating at Chairmaking	Schwarz, Christopher	techniques	April-05	62	8	<p>The manufacturer has improved some things we wanted changed on what is still a shop favorite.</p>	
Endurance Test: Bench Dog ProLift AL	Thiel, David	tools and shop	April-05	26	1	<p>Five different types of protection exist. Here's a guide to choosing the best one for your project.</p>	
Flexner on Finishing: Choosing an Exterior Coating	Flexner, Bob	techniques	April-05	98	3	<p>Laying out joints carefully is the first (and most important) step for accurate work. Here</p>	
Fundamentals of Layout	Bird, Lonnie	techniques	April-05	76	4		

Greene & Greene Sideboard	Lang, Robert	project	April-05	36	8	<p>are the basic principles you should know to do the job well.</p> <p>We unearthed original Greene and Greene drawings and discovered that signature details on their furniture were originally built without fuss. Here's how. Article includes detailed instruction, illustrations, step photos and a cutting list for building a Greene and Greene sideboard.</p>
One-weekend Router Table	Thiel, David	project	April-05	70	6	<p>Forget the pricey commercial ones that hog precious shop space. This inexpensive, quick-to-build router table clamps into your bench vise and stores easily.</p>
Out of the Woodwork: Almost a Plane Wreck	Schwarz, Christopher	tools and shop	April-05	104	1	<p>The perilous flight of the world's most valuable tool.</p>
Out on a Limb: Making Chairs & Exploring Mysteries	Shanesy, Steve	techniques	April-05	8	1	<p>Don Weber, a traditional woodworker and chairmaker, spent four days showing several of us how to build Welsh stick chairs. Editor and Publisher Steve Shanesy shares what he learned. Plus, Shanesy introduces a new column: Arts & Mysteries.</p>
Power-tool Joinery: Tongue and Groove Joints	Hylton, Bill	techniques	April-05	86	3	<p>When building furniture, this joint is excellent for edge-to-edge glue-ups. Here are some good ways to cut both parts of the joint quickly and</p>

accurately.

Q&A: Clamping Strategies for Flat Panels	staff	techniques	April-05	14	1	<p>Properly positioned clamps and a flat work surface allow you to glue up large panels that end up flat. Plus, true up a panel with hand planes and learn how to correctly store your wood.</p> <p>After putting Fein's new 12-volt cordless drill through a series of tests we've labeled it one of our favorites. Plus, Ashley Iles turning tools, Grizzly disc/spindle sander, Veritas straightedges, Automatic Flute Spacing Jig, Silas Kopf's "The Master Techniques of Marquetry" DVD and the increasingly popular Drill Doctor. German tool manufacturer Festool offers a well-made system of portable power tools. See if it's the right solution for your shop.</p> <p>Don Weber weds hand-tool and power-tool techniques to create a sturdy, handy toolbox. Article includes detailed instruction, step photos, illustrations and a cutting list. Also included is information on hand-forged hardware and the plow plane.</p>
Tool Test: All-new Fein Cordless Drill	staff	techniques	April-05	28	3	
Total Shop in a Box	Gibson, Scott	tools and shop	April-05	57	5	
Traveling Toolbox	Weber, Don	project	April-05	44	5	

Tricks of the Trade: Shooting Board for Veneer	staff	techniques	April-05	18	4	A jig and a hand plane are all you need for tight veneer joints. Plus, learn to tie a super-strong knot for transporting lumber, the wrong type of metal for jigs and a trick to vacuum in tight spaces.
Woodworking Essentials Chp. 5: Advanced Joinery	Engler, Nick	tools and shop	April-05		8	The table saw can be used to create a surprising number of complex joints, such as compound miters, tenons, dovetails, lock joints and splines. We show you how. Plus, how to build a microadjustable finger-joint jig.
A Practical Shop Cabinet	Sexton, Troy	project	June-05	53	3	If you have lots of little bits and pieces in your shop (and who doesn't?), find out a fisherman's secret that allows you to organize everything without building a single drawer.
Great Workshops: A Writer's Workshop	Gebhart Uhl, Kara	tools and shop	June-05	74	3	Take a tour of a funky Victorian-era workspace that serves as a shop for Steve Shanesy, Popular Woodworking's editor and publisher.
Arts & Mysteries: Advanced Chisel Techniques	Cherubini, Adam	techniques	June-05	82	5	Chisels are good for more than just turning up joints and removing dried glue. We look back to the 18th century to discover how astonishingly useful this simple tool can be – when wielded in a very old way. Article includes

							detailed text, step photos and illustrations, plus "A Proper Set of Chisels for Hand Joinery."
Baltimore Card Table	Huey, Glen	project	June-05	66	8		Based on an original from Colonial Williamsburg, this traditional demilune table unfolds to reveal your joinery, inlay and veneering skills. Article includes detailed text, step photos, illustrations and a cutting list. We show you how to make a great bookcase in any style, with one basic box design, and one sheet of plywood. Includes plans for a Shaker, Contemporary, Arts & Crafts and Formal style bookcases.
Build Better Bookcases	Lang, Robert	project	June-05	32	10		Despite their names, many of your finishing products simply are a form of varnish. Bob Flexner investigates.
Flexner on Finishing: The Many Faces of Varnish	Flexner, Bob	techniques	June-05	90	2		A new unit of measure attempts to trump the troublesome imperial and metric systems. Editor Steve Shanesy reflects on the importance of learning both hand- and power-tool skills. "Knowing both makes you a well-rounded woodworker, a 'double threat' who can call on either skill set to deliver the
Out of the Woodwork: Farewell Fractions, Hello Bob	Dunstan, Robert	tools and shop	June-05	96	1		
Out on a Limb: On the Cutting Edge of Enlightenment	Shanesy, Steve	techniques	June-05	8	1		

best result," he says.

Power-tool Joinery: Box Joints	Hylton, Bill	techniques	June-05	28	3	Build this jig for your router table or table saw to make accurate box joints – perhaps the strongest machine-cut joint in the arsenal.
Q&A: How to Sharpen Odd or Curved Blades	staff	techniques	June-05	14	2	When sharpening odd-shaped tools, it's best to avoid sharpening stones. Here are two tricks for sharpening concave and convex edges. Plus, how to make small patches for repairing veneer, an alternative to Lilly Industries' "warm brown glaze" for Arts & Crafts finishes and advice when making a tabletop.
Sawbench & Shop Stool	Wilson, John	project	June-05	42	3	This simple one-afternoon project will come in handy at every stage of project construction, from sawing rough lumber to installing your finished cabinets.
Tool Test: Hitachi Digital Readout Miter Saw	staff	tools and shop	June-05	25	2	We check out the Hitachi C12LCH Digital Readout Compound Miter Saw, perfect for the woodworker who wants all the bells and whistles. Plus, AngleMag sets the amateur sawyer straight, new Porter-Cable dovetail jigs are simpler to use, Glen-Drake hammer

						for dovetailing and carving, and a look at Milwaukee's 28-volt cordless line that uses lithium ion battery technology.
						A quick and easy way to set miter gauge angles. Keep a Brush Fresh While Waiting for the Next Coat • Double-sided Router Template Jig • Aluminum Winding Sticks • Protecting Saw Teeth • Lipstick Traces At the Door • Refreshing a Sled to Restore Accuracy • Capping Caulk • A Quick Swing to Center
Tricks of the Trade: Setting Miter Gauge Angles	staff	techniques	June-05	18	2	Learn the tools and strategies for turning a bowl, an enlightening introduction to faceplate turning. Lie-Nielsen Toolworks and Lee Valley Tools have changed woodworking with their premium hand planes. Meet the men behind the brands and learn the real differences between the tools. Plus, discover why Wayne Anderson's planes are inspiring workhorses in "Building Planes One at a Time."
At the Lathe: Turn Your First Bowl	Ditmer, Judy	techniques	June-05	77	3	Find out how and why you should use a moulding cutterhead in your table saw. Plus, learn
Two Plane Makers	Schwarz, Christopher	tools and shop	June-05	56	10	
Woodworking Essentials Chp. 6: Special Techniques	Engler, Nick	tools and shop	June-05		8	

\$5 Router Plane	Wilson, John	tools and shop	August-05	72	4	<p>to cut accurate tapers, and the tricks to frame-and-panel doors. In our Jig Journal we should you how to build a height gauge.</p> <p>A router plane is the hand tool choice for smoothing a groove or shallow mortise bottom. Commercial versions can be expensive or hard to find. You can make your own in just a few hours with some scrap wood and a few dollars worth of metal parts.</p> <p>Knowing the names of wood and metal planes can provide the key to understanding their use. You too can become a plane expert once you know the proper name and function of different planes. Manufacturers and "experts" often add to the confusion. Adam explains the history and uses of leveling, fitting, and ornamental planes.</p> <p>When making doors or panels you can run the molding profile and make the joints at the same time. Learn all the tricks and techniques to make these joints on your router table.</p> <p>The world can be a dangerous place, especially for a finely finished piece of furniture. Learn how to clean common</p>
Arts & Mysteries-Plane Names	Cherubini, Adam	techniques	August-05	82	4	<p>When making doors or panels you can run the molding profile and make the joints at the same time. Learn all the tricks and techniques to make these joints on your router table.</p> <p>The world can be a dangerous place, especially for a finely finished piece of furniture. Learn how to clean common</p>
Power-tool Joinery: Cope and Stick Joints	Hylton, Bill	techniques	August-05	30	3	<p>The world can be a dangerous place, especially for a finely finished piece of furniture. Learn how to clean common</p>
Flexner on Finishing: Fixing Finished Surfaces	Flexner, Bob	techniques	August-05	86	2	<p>The world can be a dangerous place, especially for a finely finished piece of furniture. Learn how to clean common</p>

Leaning Shelves	Schwarz, Christopher	project	August-05	61	6	<p>surface problems like stickers, candle wax, paint spatter, and mold without damaging the surface finish.</p> <p>A sturdy and distinctive contemporary design for a set of shelves with a desk that lean against a wall. All of the shelf and desk parts come from one sheet of plywood, and the supports are made from six 8' long 2 x 4s.</p> <p>Christopher shows how to use a router to make the curved fronts on the shelves and rock solid joints.</p> <p>Noted British woodworking teacher David Charlesworth explains the benefits of a cambered plane iron and shows how to quickly sharpen the proper curve. Techniques for using the cambered iron to square edges and setting up your plane are covered in detail.</p> <p>What is the New Yankee Workshop really like? Is it a TV production set, or the real shop of a real woodworker? We visit Norm Abram and take a behind the scenes look to give you the real story about 7 "New Yankee" myths.</p>
Learning Curves- Plane Irons	Charlesworth, David	techniques	August-05	53	7	
Great Workshops: New Yankee Workshop	Gebhart Uhl, Kara	tools and shop	August-05	34	4	

Norm Abram's Adirondack Chair	Shanesy, Steve	project	August-05	38	7	<p>Editor Steve Shanesy travels to the New Yankee Workshop to work side by side with Norm Abram, building an improved version of Norm's classic Adirondack chair. Includes plans, step by step instructions, and a close look at Norm's methods and techniques.</p> <p>Get the look of hand cut dovetails in a fraction of the time by using a router to do the grunt work. This combination of hand and power tool joinery lets you cut half-blind dovetails quickly, easily, and accurately.</p>
Power Assisted Dovetails	Gibson, Scott	techniques	August-05	77	4	<p>Mixing the colors for a Greene and Greene finish, sawmill owners weigh in on rough stock thickness, English Rounder planes for chairmaking</p>
Q&A: Greene & Greene Finish	staff	techniques	August-05	10	2	<p>When turning a bowl, you need a way to turn your design idea into reality. Judy discusses various kinds of bowls and how to mount them on the lathe.</p>
At the Lathe: Solid Roots for Good Design	Ditmer, Judy	techniques	August-05	90	2	<p>Mortising spacer eliminates or reduces measuring when making multiples, Shop built overarm table saw blade guard, a knockdown benchtop and more.</p>
Tricks of the Trade	staff	techniques	August-05	18	4	

<p>Out on a Limb: Value of Woodworking</p>	<p>Shanesy, Steve</p>	<p>techniques</p>	<p>August-05</p>	<p>8</p>	<p>1</p>	<p>Can professional woodworkers survive in the 21st century? Will the work created today ever bring the remarkable prices of antiques? Steve explores the differences between then and now.</p>
<p>Out of the Woodwork: Woodshop Pest Control</p>	<p>Sieling, Peter</p>	<p>tools and shop</p>	<p>August-05</p>	<p>96</p>	<p>1</p>	<p>A humorous look on a lumberyard owners approach to controlling snakes, small mammals and children.</p>
<p>Woodworking Miter Saw</p>	<p>Thiel, David</p>	<p>tools and shop</p>	<p>August-05</p>	<p>66</p>	<p>6</p>	<p>Compound miter saws are great tools, but out of the box they are more suited to job-site rough carpentry than in-shop woodworker. David explains what to look for in a saw and then adds an inexpensive fence, stop and table system. Turn your saw into a precision machine that delivers accuracy, repeatability and easier use.</p>
<p>Woodworking Essentials Chp. 7: Advanced Techniques</p>	<p>Engler, Nick</p>	<p>tools and shop</p>	<p>August-05</p>	<p></p>	<p>8</p>	<p>Here's how to get the most from your tablesaw. This chapter covers everything from cutting coves and odd-shaped boards to pattern sawing and kerf bending.</p>
<p>A Better Table for a Drill Press</p>	<p>Hedberg, Eric</p>	<p>tools and shop</p>	<p>October- 05</p>	<p>36</p>	<p>6</p>	<p>The problem with most drill presses isn't the machine; it's the table and fence. Here is an all-purpose table and fence system that will turn any drill press into a precision woodworking</p>

machine.

<p>Arts & Mysteries: The Secrets to Sawing Fast</p>	<p>Cherubini, Adam</p>	<p>techniques</p>	<p>October- 05</p>	<p>42</p>	<p>4</p>	<p>Do you really need a table saw? Adam makes a case for sawing by hand, showing you the tools and techniques that were efficiently used in days gone by.</p>
<p>At the Lathe: How to Pursue an Ideal Form</p>	<p>Ditmer, Judy</p>	<p>techniques</p>	<p>October- 05</p>	<p>96</p>	<p>3</p>	<p>Using a variety of turned objects as examples, Judy discusses the basics of good design, getting good ideas from other mediums, acquiring good taste, and the impossibility of perfection.</p>
<p>Bent Laminations</p>	<p>Lang, Robert</p>	<p>project</p>	<p>October- 05</p>	<p>76</p>	<p>6</p>	<p>You don't need to steam wood to make a curved form. We show you how to glue multiple thin strips on a form to create curved shapes from flat lumber while making a contemporary wall hung shelf.</p>
<p>Build an Oil Wicke</p>	<p>Peterson, Samuel</p>	<p>project</p>	<p>October- 05</p>	<p>61</p>	<p>1</p>	<p>If you're sliding down the slippery slope of hand tools, this ancient bench accessory will lubricate the sole of your plane in just a few seconds. A traditional woodworker shows you how to make and use this nearly forgotten bench accessory.</p>

<p>Casework Construction: Beginning Principles</p>	<p>Thiel, David</p>	<p>techniques</p>	<p>October- 05</p>	<p>53</p>	<p>8</p>	<p>This opening chapter in our seven-part series covers terminology, history and design principles behind great casework. If you're building a simple shop cabinet or a piece of furniture, David Thiel will get you started in the right direction to design and build solid, functional and good looking cabinets.</p>
<p>Efficient Shop Wiring</p>	<p>Wedlock, Bruce</p>	<p>tools and shop</p>	<p>October- 05</p>	<p>82</p>	<p>6</p>	<p>Most heavy-duty power tools, like cabinet saws and planers require 240 volts to run. Here's an efficient way to provide both 240-volt and 120-volt power from a single cable. While you're at it, you can also automate your dust collector.</p>
<p>Flexner on Finishing: Wood Conditioner Confusion</p>	<p>Flexner, Bob</p>	<p>techniques</p>	<p>October- 05</p>	<p>110</p>	<p>2</p>	<p>Wood Conditioner is marketed as a way to control blotching, and the directions on the can are often misleading. Bob unravels the mystery, and explains how to use this product.</p>
<p>Frank Klausz's Final Word on Dovetails</p>	<p>Klausz, Frank</p>	<p>techniques</p>	<p>October- 05</p>	<p>46</p>	<p>6</p>	<p>Frank Klausz has used his no-nonsense approach to teach thousands of woodworkers to hand cut through dovetails in an hour. One of his secrets is to forget about measuring. Learn the rest of the methods used to develop the skills needed to</p>

make these joints.

Great Woodshops: The Art of Engineering flutes	Gebhart Uhl, Kara	tools and shop	October- 05	102	6	An engineer and a jeweler team up to make some of the most sought after instruments in the world, all from a garage size workshop just steps from the back door of their house.
Out of the Woodwork: Quit Crying and Get to Work	Grandstaff, Scott	tools and shop	October- 05	112	1	Even if you can't afford the newest and fanciest tools you can still get busy and make some sawdust. A semi-retired cabinetmaker gives you a kick in the seat of the pants and tells you where to look and what to look for.
Power Tool Joinery: Template Mortising	Hylton, Bill	techniques	October- 05	99	3	With a router and a template, you can make mortises at any size, shape or position you want with accurate and repeatable results. Bill gives you the hows and whys of making templates, using guide collars, and matching the right collar to the right bit.
Prairie-style Coffee Table	Thiel, David	project	October- 05	62	6	Coffee tables didn't exist when Frank Lloyd Wright was perfecting the Prairie style. Our 21st century homage is great looking, and simple to build.

SawStop Cabinet Saw	staff	tools and shop	October-05	86	2	<p>Everybody's talking about this new table saw that automatically stops the blade if it comes in contact with any part of your body. Our staff used one on a daily basis for several months to give you the real story. Find out how it compares to other cabinet saws, and learn about the important safety feature that has nothing to do with the braking mechanism.</p>
Setting Jointer & Planer Knives	Lang, Robert	tools and shop	October-05	88	6	<p>Replacing knives is a task most woodworkers dread. We review jigs that can make it easier, and go over the basic techniques so you can get back to work quickly.</p>
Shiplapped Cabinet Backs	Gibson, Scott	techniques	October-05	68	4	<p>In the days before plywood, solid-wood shiplapped backs were common. Learn how to make them, and why they make a better back.</p>
The Magic of Iron and Fire	Weber, Don	techniques	October-05	72	4	<p>Chair bodger and blacksmith Don Weber gives a personal look at how woodworking and blacksmithing go hand in hand. Photos show Don hand forging a wrought iron bench holdfast.</p>
Great Woodshops: A School Built to Thrive and Last	Gibson, Scott	tools and shop	November-05	92	4	<p>The Center for Furniture Craftsmanship in Maine offers courses for woodworkers of all skill levels in a facility designed to</p>

Anthony Hay Cabinet Shop	Cherubini, Adam	tools and shop	November- 05	66	4	<p>be student friendly. Scott Gibson interviews founder and director Peter Korn, and takes us on a tour of the school.</p> <p>A reproduction furnituremaker visits the working 18th century shop in Colonial Williamsburg and shows what the average 2-car garage shop of today has in common with a commercial shop of the period. Whether your focus is hand tools or power tools you can improve your work with tips and techniques from over two hundred years ago.</p> <p>Lasers are appearing on almost every power tool, from miter saws and drills, to scroll saws and circular saws. We put them all to the test and find out which ones are useful, and which ones are only clever marketing devices.</p> <p>The elegance of classic Arts & Crafts designs sometimes gets lost when made in dark quartersawn oak. We take a 1901 Gustav Stickley design, strip off the iron hardware and build it in contrasting woods to reveal a surprisingly graceful and contemporary form. Includes step-by-step instructions and detailed</p>
Are Lasers Just a Gimmick?	Thiel, David	tools and shop	November- 05	82	4	
Arts & Crafts Bridal Chest	Lang, Robert	project	November- 05	76	6	

drawings.

<p>Arts & Mysteries: The Plane My Brother is</p>	<p>Cherubini, Adam</p>	<p>tools and shop</p>	<p>November- 05</p>	<p>40</p>	<p>3</p>	<p>The broad hatchet was once a common tool in furniture shops. Adam explores the history and techniques of this ancient tool and shows how (and why) it belongs in the modern shop. Splitting, hewing and paring are among the techniques covered.</p>
<p>Flexner on Finishing: Basics of Wiping Varnish</p>	<p>Flexner, Bob</p>	<p>techniques</p>	<p>November- 05</p>	<p>70</p>	<p>6</p>	<p>This durable and easy to apply finish is the first choice for many woodworkers, but in the store it can be hard to identify from the information on the can. Bob explains the difference between wiping varnish and other "wipe-on" finishes, and tells you how to identify it, how to use it, and how to make your own.</p>
<p>Casework Construction: Wood Selection & Prep</p>	<p>Thiel, David</p>	<p>techniques</p>	<p>November- 05</p>	<p>49</p>	<p>8</p>	<p>Choose the best wood for your project, plywood or solid wood and get it ready to go. David outlines when to use solid wood, when to use plywood and the simple steps to ensure a successful project. Learn the different grades and types of plywood, how to figure how</p>

much material you will need and lumberyard lingo.

Once a year manufacturers roll out their new offerings. We survey the cream of the crop including big iron at low prices, a new Powermatic Table saw and mortiser, the sliding table we had to have, and a drill that might just last forever

Newest Tools from Las Vegas AWFS Show

Thiel, David

tools and shop

November-05

86

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Most cope-and-stick router bit sets will let you produce doors with glass lights instead of wood panels. The trouble is, the instructions don't always tell you how. Bill Hylton shows you how to adapt your existing bits, create strong joints, and looks at some special router bits that are new on the market.

Power Tool Joinery: Glazed Doors

Hylton, Bill

techniques

November-05

100

4

Fine furniture may look intimidating, but it's all a matter of making boxes. Veteran furniture maker, author and teacher Lonnie Bird shares some time-testing, and sometimes surprising techniques for building solid and square casework. Includes a pictorial feature of Lonnie's

Tall Chest: Carcase Construction

Bird, Lonnie

project

November-05

58

8

techniques for
carcase dovetailing.

Awls are designed for making holes and laying out marks. Learn which ones are better for certain tasks. Paul began his woodworking career 40 years ago in England, and now teaches in Texas. In his training the awl was considered an essential tool, but it isn't common today. Find out which of three types to use, how to sharpen them and how to replace a worn out handle.

The Essential Awl Sellers, Paul tools and shop November-05 44

5

Cordless Drills have become more powerful and more affordable. How do the newer drills compare to previous year's 12-volt models? Is there a drill that stands out from the pack? We put the newest crop of drills through real-world tests and find the answer.

14.4-Volt Drills Thiel, David tools and shop December-05 70

6

We drop anvils on 10 different joints to study their strengths and weaknesses. Yes it was juvenile and fun, but we learned some surprising things about joint design and the strength of modern glues.

Anvil Test Lang, Robert techniques December-05 76

4

<p>Arts & Mysteries: The Lost Arts & Mysteries</p>	<p>Cherubini, Adam</p>	<p>techniques</p>	<p>December- 05</p>	<p>32</p>	<p>5</p>	<p>Centuries old secrets to working quickly and efficiently with hand tools are revealed as Adam reviews his columns from the past year. What apprentices learned from their masters went beyond the obvious techniques. Each column had a secret lesson which is explained in detail. Noted Shaker furniture maker and author Kerry Pierce visits the Shaker community as Pleasant Hill Kentucky and makes an in depth investigation of construction methods used. He looks under tables and inside cabinets in one of the most in depth examinations of the Shakers ever published. What he found surprised him, and it will surprise you.</p> <p>Our annual look at the cream of the crop for woodworkers. A small but powerful router, and a cordless drill with a new motor that can survive driving a million screws on the power tool side, and new chisels, planes and a honing guide on the hand tool side. Jet introduces a new clamp for everyone. These are the tools that</p>
<p>Authentic Shaker Construction Methods</p>	<p>Pierce, Kerry</p>	<p>techniques</p>	<p>December- 05</p>	<p>38</p>	<p>7</p>	
<p>Best New Tools of 2005</p>	<p>Schwarz, Christopher</p>	<p>tools and shop</p>	<p>December- 05</p>	<p>61</p>	<p>5</p>	

grabbed our attention in 2005.

Casework Construction: Case Joinery	Thiel, David	techniques	December- 05	45	8	Chapter 3 of our Woodworking Essentials Supplement gives you the best way to put it all together. The best joints to use for face frame or frameless cabinet construction are explained in detail. Learn which joints work best for face frames, carcasses and backs.
Chair Devils	Somerville, Kathy	tools and shop	December- 05	80	3	This hard to find scraping tool is ideal for removing tool marks from chair spindles and posts. Make one from scrap wood, an old card scraper, and a little bit of hardware.
Constructing Lipped Drawers	Bird, Lonnie	project	December- 05	66	4	Fitting half blind dovetailed lipped drawers is a rite of passage in furniture making. This master woodworker leads you through the steps of measuring, cutting the joints, and fitting the completed drawers.
Out of the Woodwork: A Whiff of the Past	Knebel, Ben	tools and shop	December- 05	104	1	Planemaker Ben Knebel writes about his memories of his father, and how our sense of smell can bring back memories of our past.

Flexner on Finishing: Spray Gun Maintenance	Flexner, Bob	techniques	December- 05	98	2	<p>Properly cleaning and maintaining your spray gun is the key element to keep it working properly. We show you how to do both of these tasks with common brushes and solvents in a clear-cut straightforward manner.</p> <p>Step by step guide to turning two beautiful holiday ornaments. Use a waste block mount to turn both a spindle and a hollow globe ornament.</p>
At the Lathe: Two Holiday Turning Projects	Ditmer, Judy	techniques	December- 05	90	5	