

# WOODMAN

"A Journal Devoted to Serving the Woodworker"

Publ. by Highland Hardware, Inc.

Atlanta, Georgia

No. 4, July-August, 1980

## WELCOME !

This is your invitation to visit our booth (we are #1413) at the first **WORLD WOODWORKING EXPO** occurring Saturday through Wednesday, August 23-27, at the Georgia World Congress Center in Atlanta.

More than 180 manufacturers from the United States, Italy, France, West Germany, Austria, England and Japan will be showing woodworking equipment ranging from small individual hand tools to enormous mass production equipment.

Participating at our booth will be Peter Segal, Dealer Sales Manager of Garret Wade Co. of New York, importers of our Swiss INCA woodworking tools.

Jim McClure, S.E. Sales Manager of Makita USA along with Howard Goldberg and other Makita salesmen will be on hand to discuss our Japanese made tools.

Dale Fahlbeck, President of Sprunger Corporation, makers of our Sprunger Industrial Woodworking Tools, may visit our booth during the show.

Chris Bagby and Bob Kelley of Highland Hardware will be in charge of our exhibit.



## PLANE MAKERS

Twenty-four woodworkers each built a wooden plane during our plane-making seminar held on two Saturdays in June. Taught by John Gould, the students were led step-by-step through the process described by James Krenov in his book, "The Fine Art of Cabinetmaking", a section of which was required reading for the two day course.

The event took place in the downstairs area of Highland Hardware, using the store's Inca and Makita machinery for cutting and thicknessing the plane bodies, and the store's large new workbench which was designed to accomodate up to twenty-four people working in pairs. The bench was built using solid 2" maple stock by Bob Kelley, who now runs the store's hardwood lumber sales operation.

John Gould's goal in the seminar was to have each person build a precision wooden plane and then tune it so as to effortlessly remove long, thin, uniform shavings resulting in a beautiful wood surface. By the end of the second day of the seminar, students were smiling with satisfaction as the sought-after shavings curled up from the blades of their newly-made planes.

Photographs of the seminar in progress are on the next two pages.

More woodworking seminars will be occurring at Highland Hardware this fall and winter. The next issue of Woodman will offer details.

### PLAN TO ATTEND THE

# World Woodworking Expo '80

GEORGIA WORLD CONGRESS CENTER • ATLANTA, GEORGIA  
AUGUST 23-27, 1980

If you have not yet obtained tickets to World Woodworking Expo '80 (tickets cost \$5 at the door), we invite you to accept our invitation to **REGISTER FOR FREE** before August 5, as our guest to the entire show.

A form for pre-registering is included in this issue. Details are enclosed.



John Gould demonstrates his blade-honing technique during our PLANE MAKING SEMINAR June 14 and 21, 1980.

The first session was devoted entirely to having each student prepare the cutting edge of his plane iron and fit the chip-breaker. The bevel was hollow-ground using a hand grinder and a jig whose design was described in an article by Tage Frid. After grinding the bevel and flattening the the back of the blade, only a few quick strokes on Soft and Hard Arkansas stones were necessary to produce a proper edge.



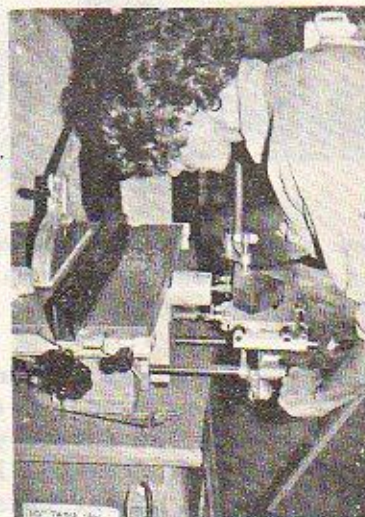
Concentration and patience were required at every step along the way.



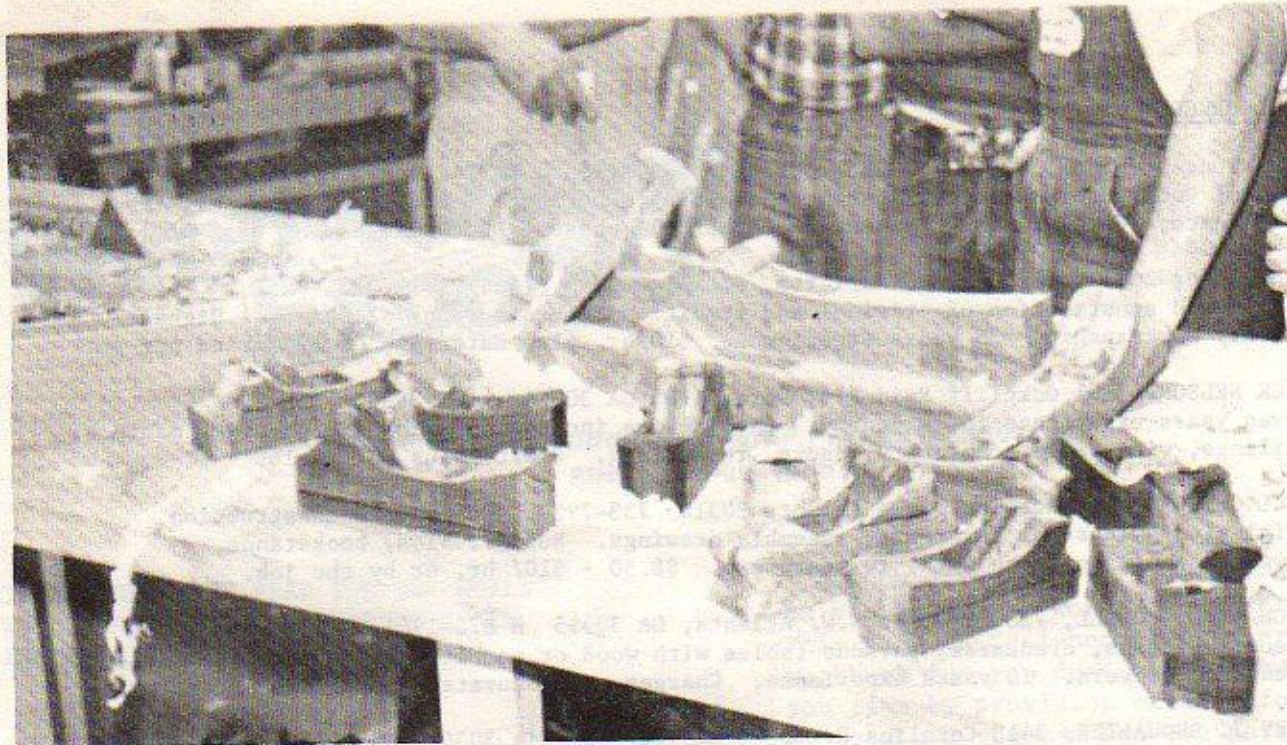
Shaping a plane body on the Inca Bandsaw.



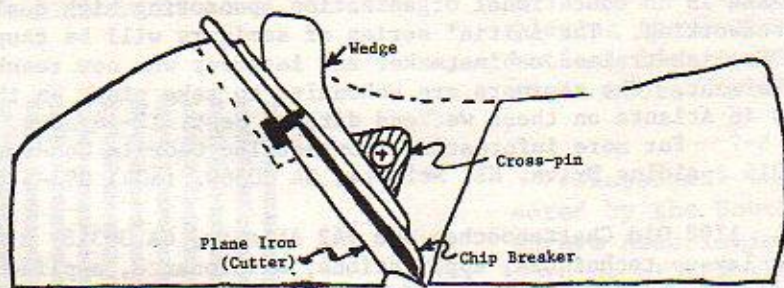
Using the Makita planer/jointer to surface the Cocobolo shoe of a long jointer plane.



Mortising a slot for the chip-breaker screw using the Inca Tablesaw.



Some of the planes produced in the seminar, shown here almost finished near the end of the second day of the seminar.



Rough sketch of the design used in making the smooth planes.



Ripping the 4" thick Cocobolo slab from which most of the plane bodies came prior to the seminar.



Chiseling out the opening in the sole plate of a jointer plane.



Finishing and adjusting two smoothing planes.

WOODWORKERS

STUART A. BERGESON, 1321-A E. Rock Spring Road, Atlanta 30324. (404) 874-7801. General Contractor and Boatwright. Woodworking experience includes 20 year self-indulgence, 10 years pro. Yankee carpenter, all phases. Rates depend on type of job.

TOM HAUGH, 2805 Hembree Road, Marietta, Georgia 30062 (404) 971-7225. Design and construction of original and traditional furniture of all kinds. Highest quality workmanship. 25 years experience. \$10/hr. plus materials or as agreed per pc.

NICK NELSON, 3061 Oakcliff Road #74, Doraville, GA 30364. 457-3858. Seven years experience in carpentry. Specialties include interior finish-trim, mantels, railings, wine racks, cabinetry, decks, remodeling. \$10/hr plus materials.

PAUL OSTBORG, 359 Actoona Place Atlanta 30310 753-7920. Design and construction. Original drawings for furniture, assembly drawings. Build tables, bookstands, jewelry boxes, do lathe work. 10 years exp. \$8.50 - \$10/ hr. or by the job.

RICHARD G. POWELL, 730 Pryor St S.W. Atlanta, GA 30315 H 875-1941 W 588-9139. Executive desks, credenzas, parsons tables with wood or marble tops, conference tables chests of drawers. 10 years experience. Charges commensurate with design and matls.

GARY J. SHOWALTER, 3418 Catalina Drive, Chamblee, Georgia 30341 451-3131. Specialties are home repair, light remodeling, furniture repair. Have 10 yrs. exp. in antique restoration, turning and carving, furniture making. Charge \$15 per hour.

SCHOOLS

THE GEORGIA WOODWORKER is an educational organization sponsoring high quality seminars on fine woodworking. The initial series of seminars will be taught by Ian Kirby, a noted English-trained cabinetmaker and lecturer who now teaches in North Bennington, Vermont. The seminars are scheduled to take place on the Georgia Tech campus in Atlanta on these weekend dates: Sept. 12-14, Oct. 10-12, Nov. 7-9, and Dec. 5-7. For more information, contact The Georgia Woodworker, c/o Herb Teeple, 5015 Spalding Drive, NE, Atlanta, GA 30360. (404) 394-5784.

THE LITTLE SHIP CO. 1108 Old Chattahoochee Ave #42 Atlanta, GA 30318 874-7801 872-0034. Teaching fiberglass lay-up techniques, applications, maintenance, applied boat carpentry, and finishing. Build all spars, fittings, rigging and sails. Course takes two weeks, 2-3 hours every other night. Placed in actual production environment and supervised. Leave with own boat. Contact Stuart A. Bergeson, 874-7801.

GEORGE BERRY WOODWORKING. "Skills in Contemporary Woodworking". Series occurring on each Saturday in August, 1980, 10 am - 2 pm. Lectures, demonstrations, and group discussions. Topics include table saw operations, joinery, steam bending, shaping and sanding techniques, fiberglass reinforced kerf bending, and wood finishes. Taught by George Berry, an Atlanta designer-craftsman. For more information, contact him at 745 Edgewood Avenue, NE, Atlanta, or call 577-4433.

ORGANIZATIONS

THE ATLANTA WOODCARVERS. For membership information, contact Ray Kempf, President, at 394-3785, or Nedra Palmer, Secretary, at 634-7882.

INTERNATIONAL WOOD COLLECTORS SOCIETY. For membership information, contact Earl Strand, Secretary, 158 Van Buren Road, Scotia, New York 12303.

SHOP SPACE AVAILABLE

Inexpensive studio space for artists and craftsmen. Security and fire protection. Located in downtown Atlanta. \$2.00 per square foot per year. Garnett Street Gallery. For information call Woody Jones at 688-2292.

Shop space for rent to woodworkers who have their own equipment. 333 Edgewood Ave. For information, call Bob King at 523-4610.

# World Woodworking Expo '80

Sponsored by the  
Woodworking Machinery  
Importers Association  
of America

GEORGIA WORLD CONGRESS CENTER • ATLANTA, GEORGIA  
AUGUST 23-27, 1980

- TO PRE-REGISTER FREE FOR THE WORLD WOODWORKING EXPO 80, FOLLOW THESE INSTRUCTIONS:

Fill out the pre-registration card enclosed with this edition of WOODMAN.

(If the card is missing, or if you need additional cards for friends and associates, write or call us at Highland Hardware. We have a limited number of complimentary pre-registration cards available.)

Before August 5,\* drop the Expo pre-registration card into the mail (postage is already paid). After your card is received, you will be mailed your pre-registration credentials, as well as information on hotel reservations, etc.

When filling out your card, if you are not a professional woodworker, check the box next to the categories relating to your woodworking interests, and list your "company" as "(your name, Woodworker)", and your position as "Owner".

You should receive your credentials in the mail before the Expo. SAVE THESE CREDENTIALS. When you arrive at the show, bring the credentials to the "pre-registration desk" alphabetically corresponding to the first letter of your last name. Here you will receive your badge holder and Show Directory. You must have your credentials with you to avoid paying \$5.00 and having to stand in long lines to re-register.

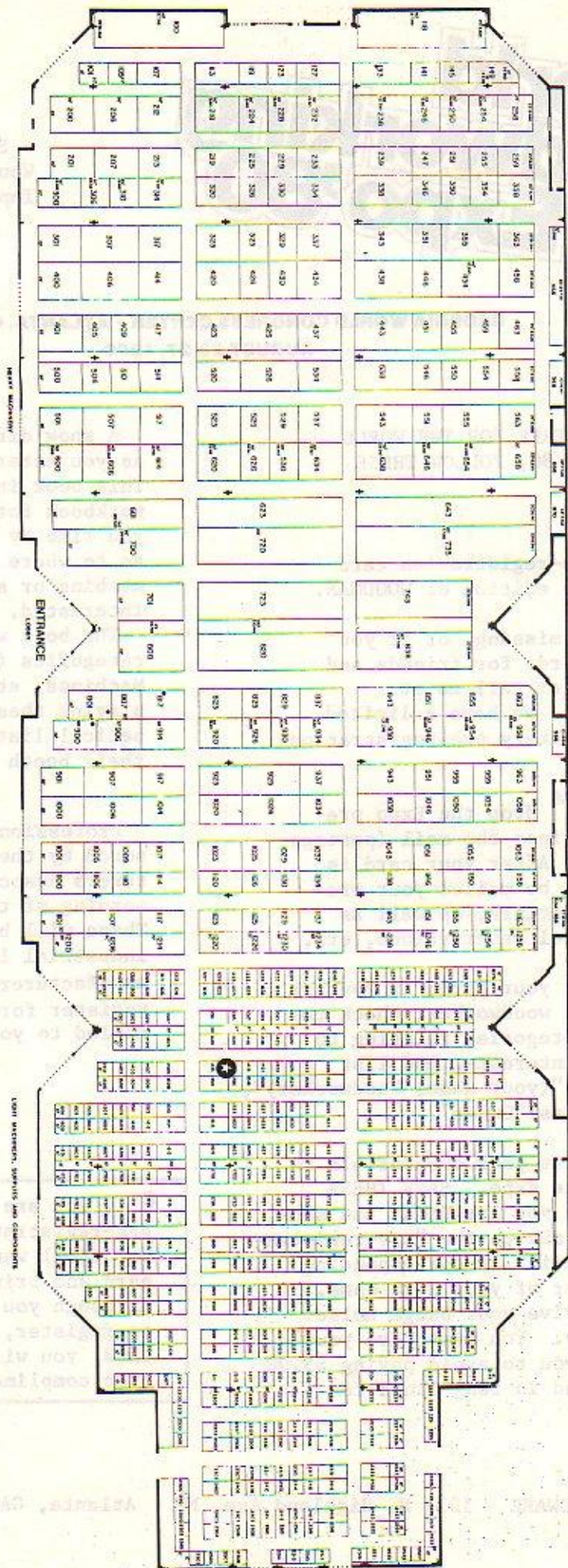
A show directory will be given to you as you enter the World Woodworking Expo. This book is designed to be a practical workbook for you during the show, saving you time by providing exact information as to where you can see the particular machine or supplies in which you are most interested.

The book will contain a list of product categories (e.g. Saws, Planers, Sanding Machines, etc.) naming the companies displaying these items, as well as an alphabetical list of the companies by name and their booth numbers.

Professional technical seminars sponsored by the Southern Furniture Manufacturers Association will be taught each morning of the show from 8 AM - 9:30 AM. These will be mainly of interest to industrial leaders of production-oriented manufacturers, but are free to all who register for the Expo. Details will be mailed to you when you pre-register.

\* If you are unable to mail the enclosed pre-registration card before August 5, but still want to attend, fill out the card and bring it with you to the show. Although you may have to stand in line to register, if you bring the completed card, you will still be able to enter free compliments of Highland Hardware.

# ATLANTA GEORGIA WORLD CONGRESS CENTER - WORLD WOODWORKING EXPO '80 - AUGUST 23-24-25-26-27, 1980



**\* Booth # 1413**

**HIGHLAND  
HARDWARE**

factory will be given to you  
at the World Woodworking Expo.  
Designed to be a practical  
show, saving  
providing exact information  
you can see the particular  
negotiate in which you are most  
will be a list of product  
(e.g., Plywood, Laminating  
etc.) and a list of product  
information of each exhibitor  
is included in the Expo Guide  
which is available to you upon  
registration. Details will be  
given to you when you pre-register.

unable to mail the enclosed  
letter and before August 2,  
to attend, fill out the  
registration card with you to the show.  
you may have to stand in line  
later. If you bring the completed  
card, you will still be able to enter  
the show.

Atlanta, GA 30306 (404) 875-4488

**HIGHLAND HARDWARE, INC.**

1034 N. HIGHLAND AVE. N.E.

ATLANTA, GA 30306

(404) 872-4466

ORDER FORM

No

Ordered By:

SHIP TO:

Name

Address

City

State

Zip

Name

Address

City

State

Zip

Customer's

Phone Number: ( )

PLEASE PRINT CLEARLY

DATE

QUANTITY	DESCRIPTION	PRICE	AMOUNT
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Sub Total

Payment must accompany order. We do not ship COD.

PAID BY

☐ Check☐ Visa☐ money order☐ Master Charge

Bank No.

Card

Number

Expiration  
Date

Signature

Add 5% Shipping  
and Handling \*GA. residents  
add sales tax

TOTAL

Amount Enclosed

\$

## NOTE:

Most orders are shipped prepaid via UPS.

- \* 5% Shipping and Handling Charge (minimum \$1.00) will be added to the cost of merchandise ordered by phone or mail, except items exceeding weight and size restrictions of UPS, such as stationary tools and workbenches, which will be shipped via truck freight collect.

## LAYAWAY PLAN AVAILABLE ON LARGE ITEMS

10% deposit holds your purchase 30 days

25% deposit holds your purchase 90 days

Deposit is refunded if you are unable to complete purchase.

INSTANT PHONE ORDERING available for  
Mastercharge and VISA users only.

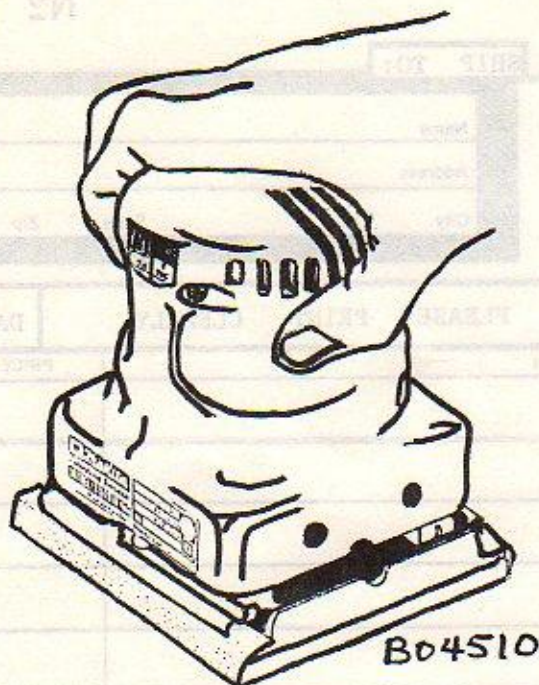
# Makita

We invite you to join the hundreds of Highland Hardware customers who now own one of these fine little sanders. This is our all-time best selling tool.

## \$44.95

Offer effective through August 31, 1980

list price \$64.00



- COMPACT INDUSTRIAL DUTY
- POWERFUL 1.8 Amps 2,4 Lbs.
- SANDS FLUSH INTO CORNERS
- ACCEPTS QUARTER SHEET OF STANDARD SIZE SAND PAPER



**\$198.**

list price \$228.00

### MODEL 1100 3 1/4" Planer

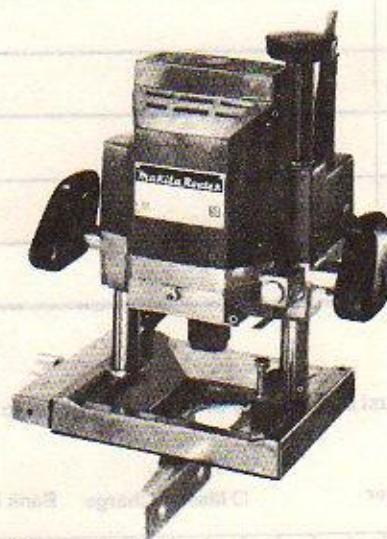
- Ideal for surface, edge and bevel planing
- Optional bevel guide permits 0° - 45° adjustment
- Easy depth adjustment
- All ball bearing construction.

#### STANDARD EQUIPMENT

Steel carrying case, blade gauge, screwdriver, holder, socket wrench, guide rule, blades.

#### OPTIONAL:

- Spare set of knives \$12.00
- Set of carbide knives \$40.00



**\$212.**

list price \$268.00

### MODEL 3600B 2 3/4 H.P. Router

- Motor plunges up to 2 3/8" and is optionally fixed
- Super duty motor with quality ball bearings
- Quick change of cutting depth between 0-5/8"
- Accepts 1/2", 3/4" & 1" shank bit
- All ball bearing construction

#### STANDARD EQUIPMENT

3/8" & 1/4" collets wrenches

#### OPTIONAL:

- Guide holder \$12.00
- Trimmer guide 3.70
- Straight guide 2.80



## INCA TOOLS

Peter Segal of Garrett Wade in New York entertained Highland Hardware customers Saturday and Sunday, May 10 and 11, as he demonstrated the Inca woodworking tools. Because it was a warm

and sunny day, we moved the compact Inca machines into the parking lot behind the store for the demonstration. The Inca 510 Planer/Jointer converted bowed and warped hardwood into precisely thicknessed and superbly smooth dressed lumber.



## CARVERS' DAY

Ray Kempf, President of the Atlanta Woodcarvers (pictured at right) taught the carving seminar offered during Carver's Day at Highland Hardware May 17. More than 25 people enrolled in the class, and as they picked up basic carving techniques, each completed a uniquely shaped letter opener using basswood.



Supercedes previous lists

Model No.	Description	List Price	Our Price
<u>PLANERS</u>			
2030	12" Planer & 6" Jointer 2 HP	\$1880.	\$1580.
2040	15½" Thickness Planer 2 HP	1640.	1380.
2004	5½" Planer and 5½" Jointer 1-3/4 HP	880.	680.
1900B	3¼" Hand Planer	118.	99.
1100	3¼" Hand Planer with metal case	228.	198.
1805B	6" Hand Planer with wooden case	360.	298.
<u>SAWS</u>			
2710	10" Portable Table Saw (Mosquito)	690.	490.
2716	16" Industrial Band Saw	1880.	1580.
2400B	10" Deluxe Mitre Saw (dustless)	298.	268.
2401B	10" Contractor's Mitre Saw	268.	218.
LS1400	14" Deluxe Mitre Saw (dustless)	448.	398.
4200N	4-3/8" Circular Saw	112.	95.
5007B	7½" Circular Saw	134.	112.
5201N	10½" Circular Saw	240.	198.
5402A	16" Circular Saw	340.	298.
4300BV	Variable Speed Jig Saw	158.	134.
JR3000	Reciprocating Saw with metal case	134.	112.
5080DW	<u>CORDLESS</u> 3" Circular Saw w/ charger	134.	112.
<u>ROUTERS</u>			
3600B	2-3/4 HP Plunge Router	268.	212.
3601B	1½ HP Router	168.	138.
3608B	1 HP Router	98.	79.
3700B	Laminate Trimmer	108.	89.
<u>DRILLS AND SCREWDRIVERS</u>			
6010DW	<u>CORDLESS</u> 3/8" Drill with Charger	108.	89.
6510LVR	3/8" Var. Speed Reversing Drill	94.	79.
DP4700	1/2" Var. Speed Reversing Drill	108.	89.
6013BR	1/2" Contractor's Rev. Drill	128.	109.
6802B	TEKS Reversing Screwdriver	129.	110.
6800DBV	Drywall Screwdriver Var. Speed Rev.	120.	99.
<u>SANDERS AND GRINDERS</u>			
BO4510	4" Block Finishing Sander	64.	44.95 *
BO4520	4" Sander, uses stick-on sandpaper	69.	55.
9045N	9" Dustless Finishing Sander	138.	118.
9030	Baby Belt Sander 1-1/8" x 21"	130.	110.
9900B	3" x 21" Belt Sander, Dustless	160.	136.
9924DB	3" x 24" Belt Sander, Dustless	180.	153.
9401	4" x 24" Belt Sander, Dustless	238.	198.
9501BKIT	4" Sander-Grinder Kit	98.	83.
GV6000	6" Disc Sander	64.	54.
9607NB	7" Angle Grinder	180.	153.
9500DW	<u>CORDLESS</u> 4" Grinder with Charger	108.	89.
9300	5" Bench Grinder w/ sharpening jigs	168.	149.
4014B	Blower and Vacuum	94.	79.

\* Special price effective only through 8-31-80

For specifications on these tools, refer to the May 1980 WOODMAN, or send \$1.00 for a complete Makita catalog. Prices are subject to change without notice.

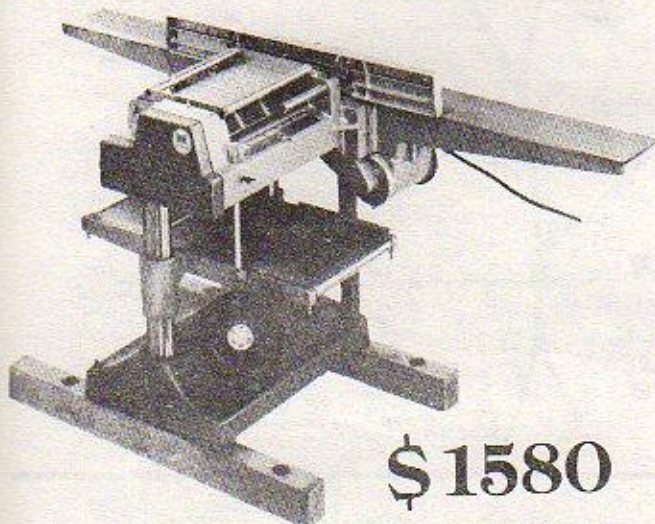
# Makita

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Despite recent price increases on the Makita planers, our volume sales and purchasing have enabled us to keep them among the best buys in thickness planers on the market today.

We use Makita planers in our own hardwood lumber finishing shop every day, and can testify to their accuracy and durability based on our own personal experience. Machines are backed by Makita's limited one year warranty, and prompt courteous service is always available right here in Atlanta.

## MODEL 2030 12" Planer-Jointer



**\$1580**

list price  
\$1880.

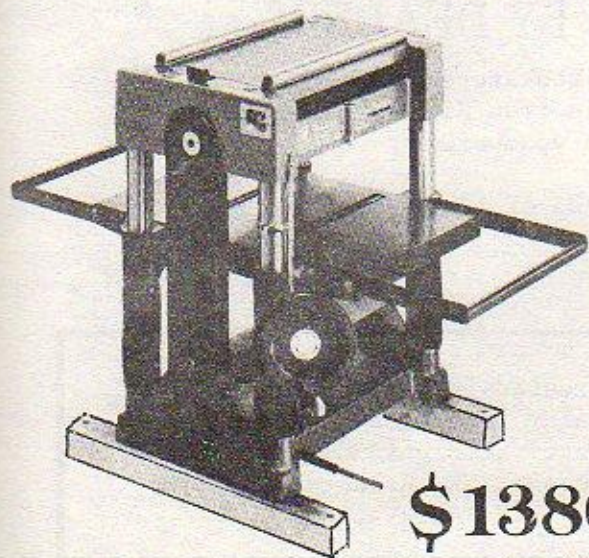
Best all around buy in a thickness planing machine combined with a long bed jointer is the Makita 2030. 12" wide thicknessing capacity along with 6" wide jointer capacity on the 59" long jointer table make the machine hard to beat.

Furniture and Cabinet Makers find this machine a real time saver, because its high speed cutterhead (7000 RPM) leaves a surface smooth enough to eliminate days of sanding on production jobs.

2 HP 115V motor is included. Unit arrives fully assembled, ready to run. Nominal feed rate is 28 FPM. Cast iron construction, weighs 275 lbs.

Financing on planers is now available, furnished through Household Finance. Ask for details.

## MODEL 2040 15 5/8" Planer



**\$1380**

list price \$1640.

For shops already having a long bed jointer, the Makita 2040 thickness planer is a wise investment. Giving the same smooth finish as the Makita 2030, the 2040 offers additional capacity for finishing glued-up slabs, as well as solid planks up to 15-5/8" wide and 7-5/8" thick. 2 HP motor is included. Cutterhead speed is 6500 RPM. Nominal feed rate is 29 FPM. Weighs 254 lbs.

### SPARE SETS OF KNIVES

2030 Planer	\$56.00
2030 Jointer	19.00
2040 Planer	74.00

Available this fall will be our own new Dust Collector System suitable for use with Makita planers as well as other models of planers. Selling for less than \$400, this system is designed to serve the small professional shop as well as the home hobby shop. Ask for details at our booth at the World Woodworking Expo 80.

HIGHLAND HARDWARE, INC.  
1034 N. Highland Avenue, NE  
Atlanta, Georgia 30306

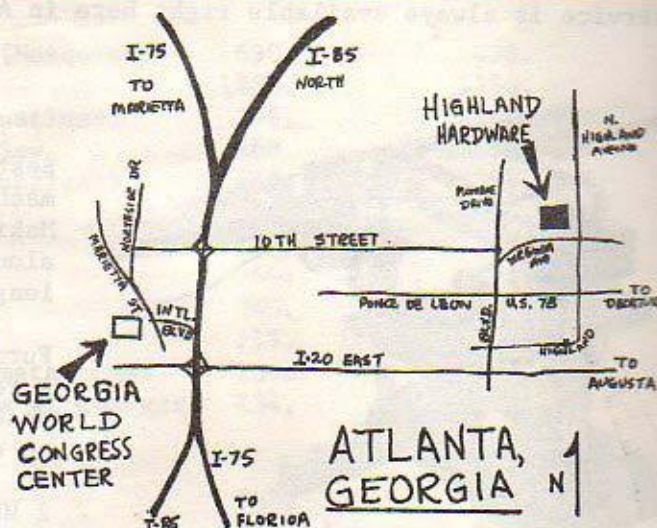
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PAID  
ATLANTA, GA.  
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PLAN TO ATTEND THE

# World Woodworking Expo '80

GEORGIA WORLD CONGRESS CENTER • ATLANTA, GEORGIA  
AUGUST 23-27, 1980



## WORKING WOOD MAGAZINE

### NOW AVAILABLE FOR RESALE BY DEALERS

Hardware and tool stores as well as lumberyards and bookstores from all parts of the United States are now invited to purchase wholesale from Highland Hardware current and back issues of WORKING WOOD, a new English woodworking magazine of exceptionally high quality.

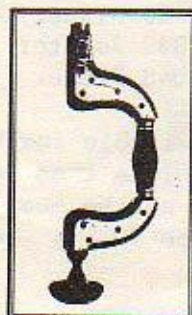
A resale discount is presently allowed on the purchase of 12 or more copies of any mix of current and back issues. Suggested retail price is \$4.95 each.

**WORKING  
WOOD**

Summer 1979

U.K. £1.50

Volume 1 Number 2



If you are interested in selling WORKING WOOD, or know of a dealer in your area who might be, contact Chris Bagby at Highland Hardware, 1034 N. Highland Ave, NE, Atlanta, GA 30306.  
(404) 872-4466

Edited by Antony Talbot  
Published by Quailcraft, Hampshire, England

**\$5 Value**

Pre-Register FREE compliments of:

**Highland Hardware, Inc.**  
1034 N. Highland Ave., NE  
Atlanta, GA 30306



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Necessary  
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United States

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Professional Registration Systems  
331 Madison Avenue  
New York, NY 10017

Attention: World Woodworking Expo '80



# Pre-Registration Form

Place check (✓) in front of each category applicable to you.

## Primary Categories

- A Furniture Manufacturers
- B Furniture Distributors
- C Manufacturers Reps
- D Suppliers
- E Press
- F Others
- G Exhibitors

## Primary Products

- A Furniture Manufacturer, Wood
- B Furniture Manufacturer, Upholstered

- C Furniture Manufacturer, Metal
- D Furniture Manufacturer, Plastic
- E Partitions and Fixtures
- F Bedding
- G Cabinets
- H Mobile Homes
- I Boats
- J Millwork
- K Hardwood, Dimensions & Flooring
- L Plywood—Veneer

- M Industrial Wood Products
- N Upholstering
- O Equipment/ Tool Mfr.
- P Raw materials Supplier
- Q Finishing Products
- R Textiles/Fabrics
- Others

## Your Job Description

- A President
- B Senior Executive
- C General Manager
- D Purchasing Manager

- E Plant Manager/ Superintendent
- F Foreman
- G Designer
- H Sales
- I Other

(Please specify)

## Number of Employees

- A 1-9
- B 10-14
- C 15-50
- D 51-100
- E Over 100

First Name or Initials

Last Name

PLEASE PRINT OR TYPE

Title

Company or Organization

Complete Business or Home Address

City

State

Zip Code

Country

CARD MUST BE COMPLETELY FILLED OUT FOR ADMISSION