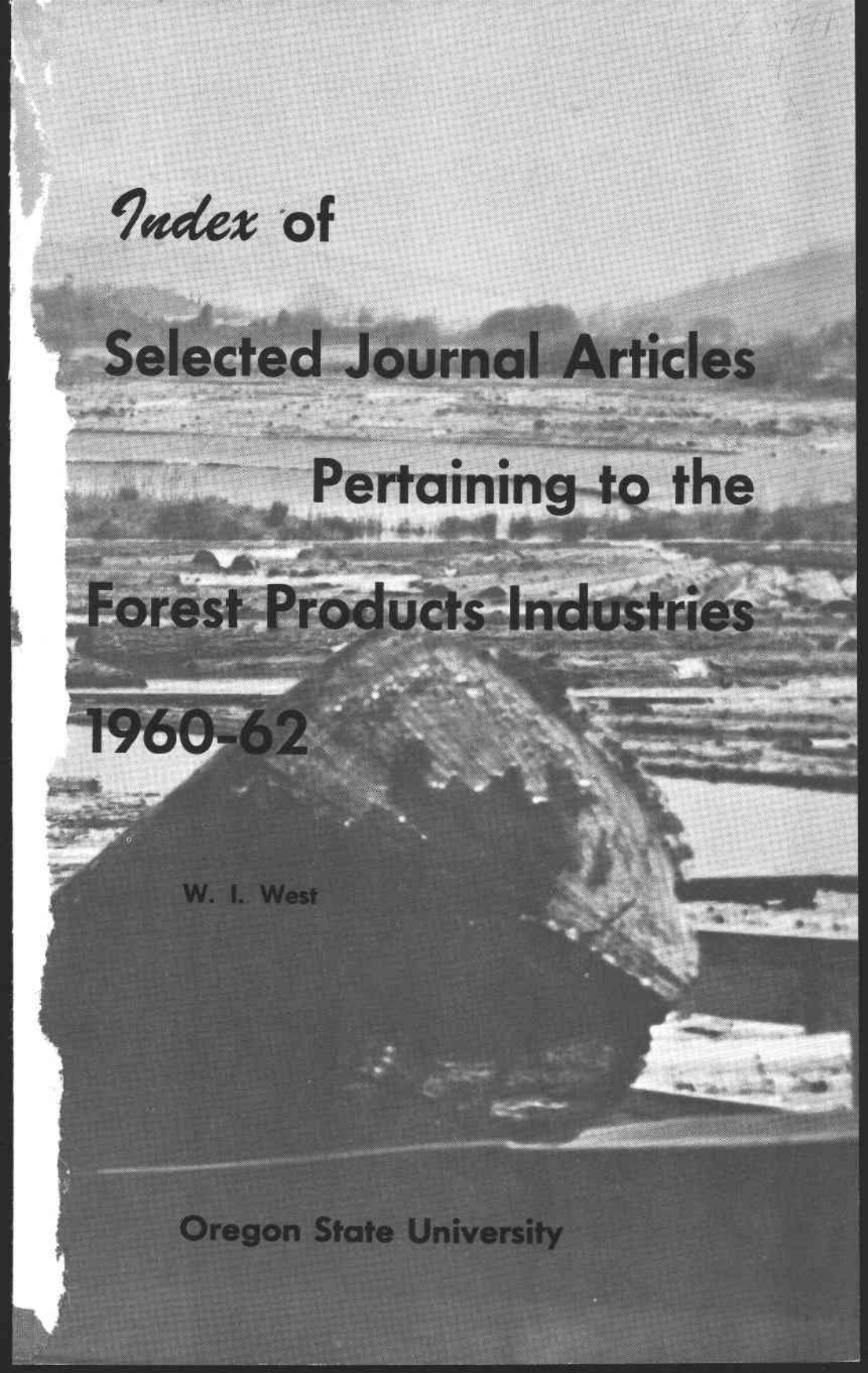


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A black and white photograph of a forest landscape. In the foreground, a large, weathered log lies horizontally. The background shows a wide expanse of forested land with rolling hills under a clear sky. The text is overlaid on the image.

*Index of*  
**Selected Journal Articles**  
**Pertaining to the**  
**Forest Products Industries**  
**1960-62**

W. I. West

Oregon State University

INDEX OF SELECTED JOURNAL ARTICLES  
PERTAINING TO THE FOREST PRODUCTS

INDUSTRIES

1960 - 1962

by

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## Preface

This index is the third in a series published by the School of Forestry and the Forest Research Laboratory, Oregon State University. The favorable response received on previous issues indicates the value of such a reference guide to assist industry, research, and educational institutions in keeping abreast of current developments in the forest products field.

The first issue, 1957, no longer is available as the supply was rapidly exhausted. Owing to a larger printing of the second issue, 1961, covering journals for the years 1957-1958-1959, a limited supply of copies is available on request. The third issue includes articles published in the journals cited over 1960-1961-1962.

The table of contents serves as a subject matter index. Those holding prior issues will note the table of contents has undergone considerable revision in this issue. This recognizes the efforts made by the journals to report industry and research developments of current and timely importance. Also the revised system should be of greater value to the user in searching for articles on given topics.

Two additional journals have been included among those cited - "Forest Science" and "Wood Working Digest". "The Lumberman" and "The Timberman" were combined by the publisher into the "Forest Industries" beginning July, 1962. It is unfortunate neither time or space permits inclusion of several other journals of value to the forest products industries. "The Journal of Forestry" and "Forest Products Journal" each include an annual index in their December issues. Attention is directed to a listing of "Forestry Theses Accepted by Colleges and Universities in the United States" which is compiled annually by Oregon State University and published in the September issue of Forest Science.

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## CODE TO JOURNALS CITED

- (T) "The Timberman" ) combined into "Forest Industries"  
) beginning July, 1962
- (L) "The Lumberman" )
- ✓ (FI) "Forest Industries"; published by Miller Freeman Publications,  
731 S. W. Oak Street, Portland 5, Oregon.
- ✓ (FPJ) "Forest Products Journal"; published by the Forest Products  
Research Society, 417 N. Walnut Street, Madison 5,  
Wisconsin.
- ✓ (FS) "Forest Science"; published by the Society of American Foresters,  
425 Mills Building, 17th St. at Pennsylvania Ave., N. W.,  
Washington 6, D. C.
- ✓ (JF) "Journal of Forestry"; published by the Society of American  
Foresters.
- ✓ (SL) "Southern Lumberman"; published by J. H. Baird Publishing  
Company, Nashville, Tennessee.
- ✓ (W) "Wood and Wood Products"; published by Vance Publishing Corp.,  
59 East Monroe Street, Chicago 3, Illinois.
- (WD) "Wood Working Digest"; published by Hitchcock Publishing Co.,  
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Southern Pine Is Regaining Markets in Chicago & Mid-West	(SL)	May 1, 62:23

### 3.0 GRADING AND STANDARDS

Pallet Industry Revises Specifications & Grades	(SL)	June 1, 62:30
Proposed New Standards Submitted to Committee	(SL)	June 15, 62:22
Changes in Standards (lumber) Opposed by SPIB; also West Coast Spokesman says: "Won't Back Down"	(SL)	Aug. 15, 62:22
Forest Products Laboratory's Wood Ident. Service NLMA to Proceed with Standardization Plan; also SPA calls NLMA Action 'Extremely Unfortunate'	(SL)	Aug. 15, 62:31
NLMA Grade Program Rejected by SPIB	(SL)	Sept. 15, 62:22
West Coast Groups Approve Grade Program	(SL)	Oct. 15, 62:28
Dealers Voice Alarm at New Standards	(SL)	Nov. 1, 62:22
How Southern Pine Views Grade Simplification	(SL)	Nov. 1, 62:23
New Grading Rules for Southern Pine	(SL)	Nov. 1, 62:27
3-Point Technical Plan to Expand Lumber Markets	(W)	Dec. 15, 62:77
Old Growth & Second Growth: Part I, Hardwoods	(W)	Apr. 62:27
Part II, Softwoods	(WD)	June 62:48
	(WD)	July 62:34

### 4.0 PERSONNEL

Words Work Wonders - helping get things done	(T)	Sept. 60:20
Advice to Management on Do's & Don'ts under Labor - Management Reporting & Disclosure Act of 1959	(T)	Oct. 60:72
Follow Golden Rule to Improve Communications	(T)	June 61:73
Utilization of Manpower	(FPJ)	Nov. 60:596
Business Education and the Forest Industries	(FPJ)	June 61:264
More Wood Technology Needed	(SL)	Apr. 1, 61:20
Technological Education Assures Industry Power (Doyle)	(SL)	July 15, 61:29
Employers and The Right to Work	(SL)	Aug. 15, 62:28
To Interest Students In Careers in Wood Science	(SL)	Nov. 15, 62:24
How to Halt Progress & Boos Unemployment	(W)	Aug. 61:19
Incentive vs. Day Rate	(W)	Jan. 62:52
How to Sell Company Goals to Your Workers	(W)	June 62:35
Right or Wrong? - grievance arbitration; each issue	(WD)	
Overtime--a poor substitute for planning	(WD)	Nov. 61:46
The New Employee--one key to plant improvement	(WD)	Dec. 61:35
Visual Problems in Woodworking	(WD)	Feb. 62:38
Wanted: Tomorrow's Supervisors	(WD)	Dec. 62:28

### 5.0 PLANT DESCRIPTIONS

#### 5.01 COMPOSITION PRODUCTS (Fiber, Flake, Particle)

Nu-Ply, Bemidji, Minn.	(L)	Feb. 60:54
Nu-Wood, Wood Conversion Co., Cloquet, Minn.	(L)	Mar. 60:54
United Kingdom Board Plant (particle board)	(L)	Apr. 60:64
Cultured Wood-Kroehler Mfg. Co., Meridian, Miss.	(L)	May 60:76
Granite Board Division of National Starch & Chemical Corp., Coffstown, New Hampshire	(L)	June 60:48
Dixie Chipboard Co., Rural Hall, S. C. - Kreibaum System	(L)	Sept. 60:65

## 5.0 PLANT DESCRIPTIONS

### 5.01 COMPOSITION PRODUCTS (Fiber, Flake, Particle) Continued

Bowater (hardboard), Catawba, S. C. - Layout & Equipment	(L) Oct. 60:34 (W) Sept. 60:28 (WD) Sept. 60:30 Oct. 60:52
"Platewood" from Small Poplar Trees, Peeler Cores - Abitibi Power & Paper Co., Sturgeon Falls	(L) Nov. 60:54
Three Boards in One Plant - Abitibi Corp., Alpena, Mich.	(L) Jan. 61:36
Wood Fibreboard Co., Albany, Ore. - Bison System	(L) Feb. 61:52 (W) Feb. 61:28
Small Flakeboard Plant - "Cedawood", Sweet Home, Oregon	(L) Jan. 62:32 Layout in (WD) Apr. 61:36
International Expands Flakeboard Plant - Longview, Wn. Layout	(L) Apr. 62:38
Wizewood Ltd., Hudson Bay, Saskatchewan, Can. - "Waters from Green Poplar to Form a New Board."	(L) June 62:40
Board Plant in the Pine Region - Collins Pine Co., Chester, Calif.	(FI) July 62:82
Integrated Mill Produces Homogeneous or Three-Layer Particle Board, Haskins Wood Products, Ltd., Swisshome, Ore. Layout	(W) Oct. 60:40
New Particle Board Operation - U.S. Plywood Corp., So. Boston, Va. Layout	(W) July 61:28
Aims at Specialized Hardboard Markets - American Package Co.	(W) Aug. 61:25
American Furniture Co. Utilizes Lanewood System Panels from Pines, Johns-Manville, Chiloquin, Ore.	(WD) May 60:34 (WD) May 60:45
New Dry Process Hardboard Can Be Tailored to Your Needs - Bowater, Catawba, S.C. Part I	(WD) Sept. 60:30 Oct. 60:52 (L) Oct. 60:34
Layout Part II	(WD) Jan. 61:28
"Novoply" - U.S. Plywood Corp., Anderson, Calif.	(WD) Jan. 61:28
Expansion at Timblend plant - Weyerhaeuser Co., Arcata, Calif.	(WD) Mar. 62:40

### 5.02 END AND EDGE GLUING, LAMINATING, OVER-LAYING

Lumber by the Yard - Hines Lbr. Co., Burns, Ore.	(L) Jan. 60:34 (W) Apr. 59:24 Aug. 60:36
Salable Panels from Refuse - U.S. Blockboard, Red Bluff, Calif.	(L) Mar. 60:36

## 5.0 PLANT DESCRIPTIONS

### 5.02 END AND EDGE GLUING, LAMINATING, OVER-LAYING Continued

Specified Length Cedar Lumber - E.C. Miller Lbr.  
Co., Aberdeen, Wn. (10M feet per day) (L) Dec. 61:52

### 5.03 LUMBER

Automated Mill Produces Lumber for \$3 per M -  
Springle Lbr. Co., Gainesville, Ga. (40M) Layout (L) Jan. 60:38

Studs & Crossarms - Riverside Lbr. Co.,  
Piercy, Calif. (85M, Circ.) Layout (L) Jan. 60:46

3 Men Produce Lumber - Ahonen Lbr. Co.,  
Ironwood, Mich. (25-40M Bnad) Layout (L) Feb. 60:38

Converts Low Quality, Small Logs Into High Quality  
Panels - Champlin Box Co., Rochester, N.H.  
(Bolter & Sash Gang) (L) Feb. 60:42

Lighting & Planing - Northwest Tbr. Co., Coeur  
d'Alene, Idaho (L) Mar. 60:72

New Sawmill Specializes in Small Timbers, Green  
Dimension - Barbee Mill Co., Kennydale, Wn.  
(75M Band) Layout (L) Apr. 60:34

Packaged, Small-Log Mill - Placerville Lbr. Co.,  
Placerville, Calif. (45-60M Band) Layout (L) May 60:34

H. P. Chadbourne & Co., Bethel, Me. "Space  
Cushions". Layout (L) May 60:39

3 Men Produce 40M per Shift - Mayo Lbr. Co.,  
Nanaimo, Vancouver Island, B.C. Layout (L) June 60:36

Small Mill Uses Entire Log: lumber, sawdust, bark  
& chips - H.C. Jackson Lbr. Co., Washington,  
Ga. (35M Gang) (L) June 60:42

Mill "Saves" 10M Feet Daily - Vaughn Lbr. Co.,  
Forsyth, Ga. (50M Band-Sash Gang) Layout (L) Aug. 60:34

"Trend" Auxiliary Gang Handles Smaller Logs, Ups  
Output, Quality - Timber Products Co., Medford,  
Ore. (50M) Layout (L) Aug. 60:36

Eastern Hardwood Mill - No. Lbr. Co., Riparius,  
N. Y. (35M) Layout (L) Sept. 60:38

New Mill Adds Profit - McClure Lbr. Co., Charlotte,  
N.C. (35-40M Band-Sash Gang) Layout (L) Nov. 60:36

New Small Log Gang Mill in Redwood Region - Union  
Lbr. Co., Ft. Bragg, Calif. Layout (L) Nov. 60:38

Mill Regearred to Changed Timber Conditions - Edward  
Hines Lbr. Co., Westfir, Ore. (190M - Band)  
Layout (L) Dec. 60:40

Mill Employs Indoor Hot Pond, All-Steel Edge Sorter -  
Steiger Lbr. Co., Bessemer, Mich. (30M Band)  
Layout (L) Dec. 60:56



## 5.0 PLANT DESCRIPTIONS

### 5.03 LUMBER Continued

Small Log Gang Mill - Crown Zellerbach, Columbia City, Ore. (110M) Layout	(L) Jan. 61:29
Production Shortcuts - Clear Lbr. Co., Sweet Home, Ore. (65M Band) Layout	(L) Feb. 61:34
10 Men with Push Buttons - Simpson Tbr. Co., Shelton, Wash. (120M Band & Gang) Layout	(L) Mar. 61:34 (W) Apr. 61:34
New Equipment & Improvements Cut Cost (planning) - International Paper Co., Weed, Calif. Layout	(L) Mar. 61:42
International Paper Co., Chelatchie Prairie, Wash. (100M Band) Layout	(L) Apr. 61:37 (W) June 61:26 (L) May 61:34
Arcata Redwood Co.'s New Mill Layout	
Two Mills in One - Celgar Ltd., Castlegar, B.C. (150M Band, Gang) Layout	(L) Dec. 61:38
Logs Average 9 1/2" in Diameter - Montana Forest Products, Inc., Philipsburg, Mont. (Band-Gang) Layout	(L) Dec. 61:50
New Navajo Indian Sawmill - Navajo Forest Products Industries, Navajo, New Mex. (90M Band) Layout	(L) Jan. 62:24 (W) July 62:34 (FI) Oct. 62:102
Weyerhaeuser Co.'s Two Man Skragmill, Cottage Grove, Ore.	(L) Feb. 62:28
Mill Consolidation & Modernization Pay Off - Gillies Bros., Braeside, Ontario (120M Band)	(L) Mar. 62:34
U.S. Ply Cargo Mill, Gold Beach, Ore. (160M Band) Layout	(L) Mar. 62:58
"Get Competitive"--"By Taking Material Big Mills Can't Use." - Horner Lbr. Co., Cascadia, Ore. (48M Band)	(L) May 62:38
Processing High Cost Timber Efficiently - A.J. Frank Lbr. Co., Mill City, Ore. (110M Gang) Layout & Photos	(L) June 62:36 (W) Jan. 62:37
How to Make a Small Mill Pay - Durable Wood Prod. Co., Trout Creek, Mont. (55M Twinband Scragg) Layout & Photos	(FI) Sept. 62:98
Idaho Stud Mill, Inc., St. Anthony, Ida. (100M Scrag)	(FI) Nov. 62:100
Two-Side Mill Cuts Small Logs - Northern Tbr. Co., Deer Lodge, Mont. (85M Circular & Scrag) Layout & Photos	(FI) Dec. 62:70
Scragmill Reflects Trend; Georgia Pacific Corp., Mosby CK., Ore. (29M) Layout & Photos	(FI) Dec. 62:72

## 5.0 PLANT DESCRIPTIONS

### 5.03 LUMBER Continued

Modern Planing Mill - Angelina County Lbr. Co., Keltys, Tex. Layout	(SL) Jan. 1, 60:43 (WD) May 60:38
Clancy Lumber Co., Grayson, Alabama (60M Band) Layout	(SL) Nov. 1, 60:31
Efficient New Sawmill - Lorden Lbr. Co., Milford, N.H. (40M) Layout	(SL) Apr. 1, 61:35
New Electric Plant Converts Seasonal to Year- Round Operation - Gillies Bros. & Co., Ltd., Braeside, Ont. Layout	(W) Feb. 60:20
Step-by-Step Modernization Program - Conners Lbr. & Land Co. Before & After Layouts	(WD) July 60:61

### 5.04 REMANUFACTURE AND SECONDARY PRODUCTS

Fabrication Plant Provides Specialized Service - Lebanite Products Corp., Los Angeles, Calif.	(L) Aug. 60:42
Arthur F. Tyler Co., Athol, Mass. - Mfg. window blinds, louver doors, shutters and screens	(W) Jan. 60:24 Jan. 61:38
North Carolina Fixture Co. Plans Efficient Production Automatic Sorter Helps Boost Rough Mill Production 25%	(W) Jan. 61:27 (W) Apr. 61:41
Fabricated Components - Anderson Corp.	(W) May 61:44
Seven Ways to Modernize a Precision Wood Products Business - Frederick Post Co., Owen, Wisc. Lay Layout	(W) June 61:22
New Rough Mill Boosts Yield to 80% - Malta Mfg. Co., Malta, Ohio Layout	(W) June 61:44
Mechanized Rough Mill Boosts Yield - Century Furn. Co., Hickory, N.C.	(W) Jan. 62:48
Smart Management Grows With Markets - Decatur Industries Inc., Decatur, Ind. Layout	(W) Apr. 62:32
Church Furniture Plant Features Two Miles of Production Line Flexibility - Turney Wood Prod. Co., Harrison, Ark. Layout	(W) June 62:36
Hot Press or Cold Press - Mohawk Flush Door Co., South Bend, Ind.	(W) June 62:38
Higher Productivity Per Man-Hour - Jessup Door Co., Dowagiac, Mich. Layout	(W) July 62:54
One-Man Rough Mill - Westinhouse Corp., Muncie, Ind.	(W) Oct. 62:26 (FPJ) Dec. 62:20A
Efficient Management, Modern Equipment Boost Quality, Cut Cost - Cal Shops Ltd., L.A., Calif.	(WD) May 62:36

## 5.0 PLANT DESCRIPTIONS

### 5.04 REMANUFACTURE AND SECONDARY PRODUCTS Continued

A. J. Pritchard & Co., Merced, Calif. - Manufacturer  
of redwood cooling towers (WD) June 62:43

### 5.05 VENEER AND PLYWOOD

Veneer from Madrone - Coastal Veneers, Inc.,  
Crescent City, Calif. (L) Mar. 60:68

New Techniques & Equipment - Weyerhaeuser Co.,  
Snoqualmie Falls, Wn. Layout and photos (L) May 60:40

Medium Sized Operation Adds Lay-Up Plant to  
Round Out Utilization - Hult Lbr. Co., Junction  
City, Ore. (L) June 60:44

Plywood Plant Ups Utilization to 95% - Bohemia Lbr.  
Co., Culp Creek, Ore. Layout (L) Aug. 60:60

Produces Hardw'd Panels In Many Faces (L) Oct. 60:70

Pickering's New Plant, Standard, Calif - white fir  
sheathing (L) Nov. 60:44

Efficient Material Flow Built into G-P's Springfield,  
Ore., Plant. Layout and photos (L) Dec. 60:34

International Paper Co., Chelatchie Prairie, Wn.  
Layout and photos (L) Apr. 61:44

Also in (W) May 61:58

New Green End & Log Handling System - U.S.  
Plywood, Fairhaven, Calif. Layout and photos (L) Sept. 61:62

Medford Corporation's New Plant. Flow chart  
and photos (L) Dec. 61:34

Crown Zellerbach's St. Helens Plant, Ore. Layout (L) May 62:32

Elk Lumber Co's. Veneer Plant, Medford, Ore.  
Layout (FI) July 62:43, 85

All-Electric Veneer Mill Serves 3 Plywood Plants (W) Apr. 62:48

G-P Pairs Up Plywood Plants - Samoa, Calif. (WD) Apr. 60:36

Pickering Lumber Co., Standard, Calif., Builds  
Modern Plant (WD) Nov. 60:30

## 6.0 PLANT EQUIPMENT

### 6.01 GENERAL (also see 5.0)

Job Saver Ideas (Ideas at Work) & Equipment News,  
each issue (L)

Buyers Guide; Machinery & Supplies, each issue (L)

Beginning July 1962 (L) became (FI)

Applying Photo-Electric Cells (L) Apr. 61:38

What's Happening to Equipment (L) Oct. 61:39

Lumbermen Plan Progressive Development of  
Their Industry (L) Oct. 61:65

## 6.0 PLANT EQUIPMENT

### 6.01 GENERAL Continued

How to Plan Mill Modification	(FI) Aug. 62:40
An Automation Check-List	(FI) Oct. 62:42
1959 Annual Review - Lumber Manufacturing	(FPJ) Feb. 60:71
Economics of Machine Replacement	(FPJ) Oct. 61:467
Beyond Automation--The system concept	(FPJ) July 62:295
Sawmill Automation	(SL) Nov. 15, 60:38
How to Stay in Business (lumber)	(SL) Jan. 1, 62:25
Automation in the Sawmill	(SL) Feb. 15, 62:45
Production Ideas - Men, Materials, Methods, Machines; also Products - New & Improved, each issue	(W)
A Method of Charting Cutting Tool Feed-Speed Ratios	(W) Mar. 60:23
Progress Report: Plant Layout & Materials Handling	(W) Mar. 60:35
How Mechanized Mill Reduces Lumber Handling Costs	(W) Aug. 60:35
How Automation Helps Small Lumber Mills	(W) Nov. 60:44
Which 2-Way Radio Service Can You Use?	(W) Apr. 61:44
How to Get More Profits from Logs--The Automated STUD MILL	(W) Nov. 61:32
1961 Wood Industry Progress Report	(W) Dec. 1961
Layout-Handling	p. 26
Mechanization	p. 29
Gluing	p. 31
Machining	p. 33
Veneer - Plywood - Board Products	p. 39
Finishing	p. 42
Assembling	p. 50
Drying - Treating	p. 56
1962 Wood Industry Progress Report	(W) Dec. 1962
Progress Plans for 1963	p. 6
Layout - Handling	p. 34
Mechanization	p. 42
Milling - Machining	p. 47
Gluing - Assembling	p. 51
Finishing	p. 58
Drying - Treating	p. 60
Veneers - Plywood - Board Products	p. 63
Waste Utilization	p. 70
Around the Shop - production questions & answers, each issue	(WD)
Equipment & Supplies - new developments, each issue	(WD)
Obsolescence - a plague to our nation's industry	(WD) July 61:45

## 6.0 PLANT EQUIPMENT

### 6.01 GENERAL Continued

Coated Abrasive Knowledge; Part I	(WD) Sept. 61:40
Part II	Oct. 61:46
Determining Factors in Purchasing Equipment	(WD) Apr. 62:35
The Big Controversy:	(WD)
Part I, What's Wrong with Modern Woodworking Machinery?	Oct. 62:25
Part II, What's Wrong with Modern Woodworkers?	Nov. 62:27
Part III, What's Wrong with Modern Woodworkers?	Dec. 62:21

### 6.02 COMPOSITION PRODUCTS (Fiber, Flake, Particle)

United Kingdom Particle Board Plant - excellent photos	(L) Apr. 60:64
"Wood Faces" for Boards	(L) July 60:48
New Board Equipment	(L) July 60:78
Drying Technique Key to Chip Quality (Dreyerveyor)	(L) July 60:80
Handling Blocks for Novoply Surface Flakes - U.S. Plywood, Anderson, California	(L) Aug. 60:62
Hand Racking Eliminated (board cooler) - U.S. Plywood, Anderson, California	(L) Aug. 60:63
New Mixing System Improves Coverage, Saves 10-25% binder costs - Columbia Hardboard, Everett, Wash.	(L) Sept. 60:66
Fast Flakeboard Sanding Line - Columbia Hardboard	(L) Sept. 60:67
Bison System - Wood Fibreboard Co., Albany, Ore.	(L) Feb. 61:52
1961 Annual Board Review	(L) July 1961
New European Developments in Particleboard Production: Weigh belts save 15% on resin costs;	p. 40
Mult-wide belt sander; Reverse roll coater	p. 72
Ideas at Work: package handling, airless spray prime coater, punch press, etc.	p. 74
New Board Equipment Introduced	p. 76
Efficient Fiber Blanket Machine Drive	(L) Aug. 61:52
Unique Side Shift of Cauls Solves Hardboard Plant Problem	(L) Oct. 61:60
Technical Advances Introduced at Dierk's Unifiber Board Plant	(L) Nov. 61:30
Small Flakeboard Plant - Cedawood, Sweet Home, Ore.	(L) Jan. 62:32
Automatic Grading & Feeder - For. Fiber Prod. Co., Forest Grove, Ore.	(FI) July 62:102
A Method for Proportioning Resin & Wax in Particle-board	(FPJ) Nov. 60:567
Wide Board Surfacing at High Speed	(W) Apr. 60:42
Aspen Flakeboard Produced in Gas-Heated Platen Press	(W) Dec. 60:68

## 6.0 PLANT EQUIPMENT

### 6.02 COMPOSITION PRODUCTS (Fiber, Flake, Particle) Continued

Formica Corp. Re flakes Reject Particles for Use as Fines	(W) Dec. 60:77
Single Air Separator Helps Board Plant Grow	(W) Mar. 61:68
Highlights of Three New Particle Board Plants - Wizewood, Collins, & Long-Bell	(W) June 62:32
Specific Gravity Separators upgrade dry process board	(WD) May 61:48

### 6.03 DEBARKING, CHIPPING & CHIP HANDLING

Plastic Ball Transports Chips on B.C. River	(T) Jan. 60:65
Springler Lbr. Co., Gainesville, Ga. - Cambio barker	(L) Jan. 60:38
Conveyor System Speeds Up Chip Handling	(L) Jan. 60:72
Ahonen Lbr. Co., Ironwood, Mich. - Eaton barker inside mill, advantages & disadvantages	(L) Feb. 60:38
Versatile Chipping System - Hult Lbr. Co., Horton, Ore.	(L) Feb. 60:44
Streamlined Log Handling - Intermountain Lbr. Co., Missoula, Mont.	(L) Apr. 60:38
Rotary Dumper --Empties Chip Cars	(L) Sept. 60:43
Plastic Conveyor Buckets Prove Economical	(L) Mar. 61:63
International Paper Co., Chelatchie Prairie, Wash.	(L) Apr. 61:38, 42
Paul Bunyan Log Barker - ad	(L) Apr. 61:89
Schurman Log Barker - ad	(L) Apr. 61:94
Barker-Chipper System; Brooks-Scanlon, Inc., Bend, Ore.	(L) Nov. 61:44
Pipeline Transport of Pulpwood Chips (from the woods)	(FPJ) Aug. 60:419
Frick Offers Way to Make Chips Pay	(SL) Apr. 15, 61:39A

### 6.04 END AND EDGE GLUING, LAMINATING, OVER-LAYING

Wider Application of Glulams - Timberweld, Inc. Missoula, Mont.	(L) Aug. 60:44
Rilco's New Glulam Plant - Cottage Grove, Ore.	(L) Nov. 61:46
How Potlatch is Developing Specialty Items	(L) Jan. 62:20
Lumber Tailored to Requirements of End User - Weyerhaeuser Co., Longview, Wash.	(L) Apr. 62:34
Heat "Forms" Finger Joint	(FI) Dec. 62:74
Electronic Device Trims Out Defects - WPA	(SL) Apr. 1, 61:40
How Mechanization Aids Laminated Panel Output	(W) June 60:40
Laminating Systems Meets Demand for Low-Cost Plastic Laminates	(W) Dec. 60:72
Three Man Team Edge-Bands Entire Output	(W) Apr. 62:41

## 6.0 PLANT EQUIPMENT

### 6.04 END AND EDGE GLUING, LAMINATING, OVER-LAYING Continued

Weyerhaeuser's "Endless Plant" (Nu-Loc) -  
Raymond, Wash. Layout & Equipment (WD) Mar. 60:18

### 6.05 LOG HANDLING, INVENTORY, SORTING, STORAGE

Univac Computes Scale Quickly, Accurately (T) Jan. 60:53  
Log Decking System of Concrete Runways, Extensive  
Spray System - Placerville Lbr. Co., Placerville,  
Calif (L) Mar. 60:40  
Pondless Storage - Intermountain Lbr. Co.,  
Missoula, Mont. (L) Apr. 60:40  
Peeler Block Lift Saves Time for Barker - Northern  
Calif. Plywood, Inc., Crescent City, Calif. (L) Apr. 60:59  
Log Control Center - Timber Products Co., Medford,  
Ore. (L) May 60:37  
Compressed Air Keeps Ice-Free Channels in Pond  
Log Processing Center - Giustina Bros. Lbr. Co.,  
Eugene, Ore. (L) June 60:41  
Small Log Gang Mill - Crown Zellerbach, Columbia  
City, Ore. (L) Jan. 61:29  
Sprinkler System Wets Logs Cheaply - Winton Lbr.  
Co., Martell, Calif. (L) Mar. 61:75  
International Paper Co., Chelatchie Prairie, Wash.  
Log Turner Saves Time (L) Apr. 61:38  
New Green End & Log Handling System - U.S. Ply-  
wood, Fairhaven, Calif. Layout & photos. (L) Sept. 61:62  
Selecting a Wheel Loader (L) Sept. 61:65  
Sorting Logs to Improve Sawmilling (FPJ) Mar. 60:164  
Handling & Storage Problems in Peeler Procure-  
ment in California (FPJ) Apr. 60:184  
Water Sprays Protect Hardwood Logs from Stain  
& Decay (FPJ) June 60:277

### 6.06 LUMBER MANUFACTURE

#### 6.061 CARRIAGE, HEADRIG, EDGER, LOG DECK, RESAW, TRIMMER

Chain Saw Takes Mill to the Trees (T) May 61:44  
Static Control System for Trimmers - Weyer-  
haeuser Co., Snoqualmie Falls, Wash. (L) May 60:46  
Weyerhaeuser Put Sawyer where He Can See the  
Log - end of the deck. No. 3 Mill, Longview,  
Wash. (L) Sept. 60:46  
Resaw Splitter at Clear Lbr. Co., Sweet Home,  
Ore. (L) Feb. 61:34  
Automatic Edger Pickers (L) Aug. 61:36

## 6.0 PLANT EQUIPMENT

### 6.06 LUMBER MANUFACTURE Continued

#### 6.061 CARRIAGE, HEADRIG, EDGER, LOG DECK, RESAW, TRIMMER Continued

Log Turner Saves Time	(L) Aug. 61:57
Portland Iron Works Edging Picker - photo	(L) Dec. 61:25
No-Man Sawmill - Chipper	(L) Jan. 62:30
'Two-by-Four' Machine; 2 installation examples	(L) Feb. 62:34
New Arc Welded Carriage Knee Design	(L) Apr. 62:37
Lightweight Hydraulic Setworks Introduced - 2HP	(L) Apr. 62:4A
Automatic Edger Setworks & Picker Reduces Costs, Improves Product Grade	(L) June 62:50
Edger-Planer saves 1/4" in 4"	(FI) Aug. 62:105
Auto-tail for Hardwood Resaw	(FI) Aug. 62:106
Twinband Scragg Heading	(FI) Sept. 62:98
Small Sawmill Head-Rigs	(SL) Jan. 1, 60:51
New Sawyer's Control, Sel-Set M3LC	(SL) Feb. 15, 60:44
Small Sawmill Carriages	(SL) Mar. 1, 60:42
Small Sawmill Edgers	(SL) Apr. 1, 60:52
Small Sawmill Trim Saws	(SL) Apr. 15, 60:42
New Low Mill "Nigger"	(SL) June 1, 60:44
Gang-Saws	(SL) Aug. 1, 60:42
Two-by-Four Machine - Mill Equipment, Inc.	(SL) Mar. 15, 61:38 Apr. 1, 62:44
Frick Carriage Specifications, Model S-38	(SL) July 15, 61:36
New Hydraulic Setworks	(SL) Dec. 1, 61:42
Break-Through in Sawmilling--Exit Sawdust (Griffsawing)	(SL) Dec. 15, 62:103

#### 6.062 LUMBER HANDLING, SORTING & STACKING

Here's How Two Sorters Reduce Handling Costs	(L) Aug. 60:38
Automatic Length Sorting Machine - Phoenix Lbr. Co., Ltd, Rainham, Essex, England	(L) Sept. 60:40 (WD) June 62:40
Automatic Lumber Sorter, with memory system - Production Systems, Inc.	(L) Nov. 60:40
Tally Machine Saves \$3,000 Annually	(L) Aug. 61:55
Selecting a Wheel Loader	(L) Sept. 61:65
Plant Gears to All-Fork Lift Operation - Hughes Bros. Lbr. Co., Foresthill, Calif.	(L) Oct. 61:58
Tray Sorter Replaces Green Chain (Moore) - Cascade Locks (Oregon) Lbr. Co.	(FI) Aug. 62:104
Automate Your Lumber Sorting	(FPJ) Apr. 61:178
An Operations-Research Approach to Lumber Sorting	(FPJ) Apr. 61:181
Economics of Automatic Lumber Sorting	(FPJ) July 61:320



## 6.0 PLANT EQUIPMENT

### 6.06 LUMBER MANUFACTURE Continued

#### 6.062 LUMBER HANDLING, SORTING & STACKING Continued

- Automatic Sorting Cuts Lbr. Handling Costs -  
E. L. Bruce Co., Memphis, Tenn. (Moore  
Dry Kiln Co. system) (W) Apr. 60:36
- How Mechanized Mill Reduces Lumber Handling  
Costs (W) Aug. 60:35

#### 6.063 PLANING, AND ASSOCIATED EQUIPMENT

- Memory Controlled (magnestat) Center Face  
Printer Solves Problem of Grade-Marking  
Sheathing, Framing (L) Oct. 60:44
- Irvington V-line Face Grade Printer for lumber (L) May 61:62
- Thickness Gauge Speeds Scant Sorting (L) June 61:56
- Tally Machine Saves \$3,000 Annually (L) Aug. 61:55
- 250,000 per Shift After Planer Modernization -  
Pope & Talbot, Inc., Oakridge, Ore. (Layout) (L) Oct. 61:42
- Chip-Blanker, Splitter Line - Buchanan Lbr. Co.,  
Olympia, Wash. (L) Apr. 62:45
- Lumber Thickness Gauger (FI) Sept. 62:101
- Graders Mark, Trim Boards; Boise-Cascade Corp. (FI) Nov. 62:98
- Stress Tester Takes 16/4 (FI) Dec. 62:76
- More Profits, Better Products When Mills  
Automate (SL) Apr. 1, 60:49
- Selective Multiple Ripping With Pushbutton  
Controls (W) Feb. 60:28
- A Method of Charting Cutting Tool Feed-Speed  
Ratios (W) Mar. 60:23
- Automated End Conditioning Ups Planing Mill  
Production 10% (W) July 60:39
- Importance of Sharp Tools (WD) Apr. 62:49
- Carbide Cutters Boost Quality Control (WD) Aug. 62:22
- Know Your Cutterheads (WD) Sept. 62:49
- Planer Cutterheads: "Specialty" Tools with  
Diversified Talents (WD) Nov. 62:39

#### 6.064 SEASONING

- Fan Air-Drying, hardwood lumber - Carlton  
Smith Industries, Memphis, Tenn. (L) Feb. 60:56  
(SL) Sept. 15, 60:26
- Seasoning by Constant Conditioning - Diamond (L) Aug. 60:65
- 1959 Annual Review - Wood Drying (FPJ) Feb. 60:83
- Stacking Jig Produces Better Lumber Packages (SL) Jan. 15, 60:36

## 6.0 PLANT EQUIPMENT

### 6.06 LUMBER MANUFACTURE Continued

#### 6.064 SEASONING Continued

Sun's Rays Harnessed to Dry Lumber - USFPL Solar Kiln	(SL) Nov. 15, 60:33
High-Frequency Drying - "Thermex"	(SL) Mar. 1, 61:46
Portable Dry Kiln For Small Operators	(SL) Mar. 15, 61:31
Wind-Powered Solar-Heated Lumber Dryer - USFPL	(SL) Oct. 1, 61:41
Accelerated Air-Drying By Forced-Air Circulation	(SL) Dec. 15, 62:97
Electro-Kiln Drying	(W) Jan. 60:12
Hardboard Finds New Use as Kiln Door Material	(W) Oct. 60:54
Solar Drying Tips	(W) Oct. 62:62

### 6.07 SAWS AND KNIVES (Care, Operation & Selection)

Saw Filer's Room - each month	(L) & (FI)
Developing An Experimental Two-Piece Circular Saw Blade	(FPJ) Sept. 60:443
Why Joint Saws	(FS) Mar. 55:31
Break-Through in Sawmilling--Exit Sawdust (Griffsawing)	(SL) Dec. 15, 62:103
What Are the Relationships of Feed Speeds for Cutting Tools?	(WD) Mar. 60:83
Protecting Your Investment in Carbides	(WD) Apr. 60:26
Who is Using Carbides	(WD) Apr. 60:57
Are You Using Circular Saw Blades to---Advantage?	(WD) May 60:79
How to Control Fuzzy Grain in Planing	(WD) Feb. 62:46
Importance of Sharp Tools	(WD) Apr. 62:49
Carbide Cutters Boost Quality Control	(WD) Aug. 62:23

### 6.08 VENEER AND PLYWOOD

Plywood Production Doubled - International Paper Co., Weed, Calif.	(L) Jan. 60:60
Automatic Log Deck - Drain Plywood Co., Drain, Ore.	(L) Jan. 60:62
Output Climbs 60% - Anacortes Veneer, Inc., Anacortes, Wash.	(L) Feb. 60:50
Automatic Tipple Upgrades Green End - No. Pac. Plywood, Inc., Tacoma, Wash.	(L) Mar. 60:66
Hardwood Plywood Handling & Finishing System Speeds Job - Klamath Hardwoods, Inc., Klamath Falls, Ore.	(L) Apr. 60:56
One Man Shaker-Jointer-Transfer System, - Arcata Ply. Corp., Arcata, Calif.	(L) Apr. 60:58

## 6.0 PLANT EQUIPMENT

### 6.08 VENEER AND PLYWOOD Continued

Speeds Green Veneer Delivery to Dryers & Saves Space - U.S. Plywood, Anderson, Calif.	(L) Apr. 60:59
Jackson Retractable Chucking (Ad)	(L) May 60:70
Retractable Chucks Boost Recovery	(L) May 60:74
1-Man Belt Sanding, Sorting System - Columbia Veneer Co., Kalama, Wash.	(L) Sept. 60:67
1-Man Controls Blocks, Cores to Lathe - Timber Products Co., Medford, Ore. Layout	(L) Sept. 60:68
Automatic Core Block Handling - Edward Hines Lbr. Co., West Fir, Ore.	(L) Sept. 60:70
Automatic Press Loader	(L) Jan. 61:44
Sheathing Plant - U.S. Plywood Corp., Anderson, Calif. (Numerous equipment ideas)	(L) Feb. 61:40 (WD) July 61:51
Multiple Bucking Speeds Cutting, Reduces Costs	(L) Feb. 61:51
Panel Patch Assister (Swede) Increases Efficiency	(L) Mar. 61:56
Coquille Valley Lbr. Co., Introduces New Panel Sorter in Albany, Ore., Plywood Plant	(L) Apr. 61:40
Block-Turning Charger Ups Veneer Recovery	(L) Aug. 61:46
Veneer Plant Designed to Handle Peelable Cull Logs - Pope & Talbot, Inc., Oakridge, Ore.	(L) Oct. 61:44
C-D Veneer Contact Edge-Glued	(L) Nov. 61:49
Fast Automatic Offbearing on a Close-Coupled Lathe - Clipper Operation; Linnton Ply. Assn., Portland, Oregon.	(L) Nov. 61:50
Automatic Edge Plugger (plywood)	(L) Feb. 62:42
Plywood Siding - Cascade Plywood, Lebanon, Ore.	(L) Apr. 62:6A
Panel Discussion on Plywood Automation (also, see 'W')	(FPJ) Aug. 1960
Automation with Dry-Film Adhesives	p. 392
Economics of Automation in Plywood Manufacture	p. 396
New Equipment Developments Point to Continuous Layup System	p. 398
Wet-Web Gluelines Reduce Layup Cost	p. 400
Practical Ideas From the Field, each issue beginning	(W) May 1960
Is Automation the Key to Plywood Cost Control?	
Economics of Automation Part I	(W) Aug. 60:68
Film Glue Panel System Part II	(W) Sept. 60:107
Wet-Web Panel Layup Part III	(W) Sept. 60:112
How Continuous Pressing Automates Layup Part IV	(W) Oct. 60:64
Summary	(W) Dec. 60:87
New Veneer Drying Developments	(W) Aug. 60:74
Rotary Clamp Facilitates Plywood Handling	(W) Aug. 60:78
Save \$17,000 a Month Since We Stopped Importing Plywood	(W) Jan. 61:43

## 6.0 PLANT EQUIPMENT

### 6.08 VENEER AND PLYWOOD Continued

Profitably Eliminates Dust, Scrap - Williamson Veneer Co.	(W)	Apr.	61:56
Core Veneer Bandsaw - Simpson Timber Co.	(W)	Apr.	61:59
Overhead Swing Veneer Block Barker - Willamette Nat'l.	(W)	Apr.	61:59
Positioner Speeds Loading of Modernized Press - Artistic Veneers, Inc.	(W)	June	61:35
Tapeless Veneer Splicing--Thermosetting vs. Thermoplastic	(W)	July	61:45
One Man Grades & Sorts 6,000 Door Skins Per Day - Seattle Door Co.	(W)	Aug.	61:29
United Furniture Increases Low-End Veneer Yield 15-20% (special saw attachment coupled to splicer)	(W)	Nov.	61:43
Taking the Hand Out of Panel Sanding - Puget Sound Plywood	(W)	June	62:43
Automates Sized Plywood Sheathing Line - Santiam Lbr. Co., Sweet Home, Ore.	(W)	Sept.	62:48
Push Prefinished Panel Output to 7,000 Per Day - Pluswood Industries	(W)	Nov.	62:37
Tray Systems at the Rotary Lathe	(WD)	Feb.	60:88
Sonic Detection of Blisters in Plywood	(WD)	Apr.	60:63
"Dual Directional" Sanding ends two-pass bottleneck	(WD)	Oct.	62:37

### 6.09 WOODWORKING

Fabrication Plant Provides Specialized Service - Lebanite Products Co., Los Angeles, Calif.	(L)	Aug.	60:42
Tally Machine Saves \$3,000 Annually (flooring)	(L)	Aug.	61:55
Machining Ponderosa Pine and Douglas-Fir Products - New and Improved, each issue	(FPJ)	Jan.	60:1
Selective Multiple Ripping With Pushbutton Controls	(W)	Feb.	60:28
A Method of Charting Cutting Tool Feed-Speed Ratios	(W)	Mar.	60:23
"Machines to Order" Keep Custom Cabinet Line Humming	(W)	Apr.	60:26
Special Machines Produce 3,000 Doors a Day	(W)	June	60:50
Conveyorized Twin Rough Mill and Sorting Doubles Production	(W)	July	60:24
How to Design a Compressed Air System	(W)	Feb.	61:32
Automatic Profiling--What's In It for You?	(W)	July	61:36
How American of Martinsville Converts Ideas Into Profits	(W)	Nov.	61:28
Mechanized Rough Mill Boosts Yield	(W)	Jan.	62:48
Improved Assembly Techniques That Cut Costs	(W)	Mar.	62:37
Boosts Output, Saves Labor on Fine Parts Sanding	(W)	Mar.	62:51
Wood vs. Sheet Metal Screws	(W)	Apr.	62:30
Porter Rough Mill Systems (ad)	(W)	Sept.	62:19

## 6.0 PLANT EQUIPMENT

### 6.09 WOODWORKING Continued

3 Ideas for Mechanizing Parts Production	(W)	Sept. 62:31
"4 in 1" Machining Merry-Go-Round Ups Production	(W)	Sept. 62:34
One-Man Rough Mill - 50M per shift	(W)	Oct. 62:26
	(FPJ)	Dec. 62:20A
3-in-1 Machining Triad Combines 18 Cutting Stations	(W)	Nov. 62:32
Around the Shop - questions & answers, each issue	(WD)	
Equipment & supplies, each issue	(WD)	
How Friction Clutches Are Used On Woodworking Machines	(WD)	Apr. 60:92
The Double End Tenoner: Most Versatile Woodworker		
Part I	(WD)	July 60:26
Part II	(WD)	Aug. 60:44
Part III	(WD)	Sept. 60:38
Part IV	(WD)	Oct. 60:67
Importance of Proper Machine Setup Techniques	(WD)	July 60:69
Trouble-Shooting in Woodworking	(WD)	Aug. 60:77
Machining Framed-Up Assemblies	(WD)	Aug. 60:85
Danger of Excessive Rough Planing (in finishing)	(WD)	Sept. 60:78
Edge Sanding Techniques	(WD)	Oct. 60:75
A New Look at the Tenoner--Today & Tomorrow	(WD)	Nov. 60:40
13 Steps to Cost Reduction through parts ordering	(WD)	Nov. 60:63
Increase Your Profit with Efficient-Use of Boring Tools	(WD)	Dec. 60:43
Economical, Effective Sanding Provided by "PG" Wheel	(WD)	Jan. 61:49
Stapling - a growing trend in woodworking	(WD)	Aug. 61:40
Coated Abrasive Knowledge, Part I	(WD)	Sept. 61:40
Part II		Oct. 61:46
Importance of Sharp Tools	(WD)	Apr. 62:49
Tests Show Improved Performance of New Screw Design	(WD)	Apr. 62:54
Automated Sanding Equipment Stars at North Carolina Clinic	(WD)	May 62:20
Do We Need Additional Wood Screw Standards?	(WD)	May 62:46
Know Your Cutterheads	(WD)	Sept. 62:34
The Big Controversy:	(WD)	
Part I, What's Wrong with Modern Woodworking Machinery?		Oct. 62:25
Part II, What's Wrong with Modern Woodworkers?		Nov. 62:27
Part III, What's Wrong with Modern Woodworkers?		Dec. 62:21
Hamilton Installs "ABRAT"	(WD)	Nov. 62:32
	(FPJ)	Dec. 62:10-A
Planer Cutterheads: Specialty tools - diversified talents	(WD)	Nov. 62:39

### 6.10 MISCELLANEOUS

Job Saver Ideas (Ideas at Work), each issue (L)

## 6.0 PLANT EQUIPMENT

### 6.10 MISCELLANEOUS Continued

Buyer's Guide; Machinery - Supplies, each issue	(L)	
Beginning July 1962 (L) became	(FI)	
Tips on Preventing, Fighting Plant Fires	(L)	June 60:73
Memory Controlled (Magnetat) Center Face Printer		
Solves Problem of Grade-Marking Sheathing, Framing	(L)	Oct. 60:44
How & Where Vibrating Conveyors Fit into Mill Use	(L)	Jan. 62:36
How to Stay in Business	(SL)	Jan. 1, 62:25
Costs Cut, Quality Improved by Scientific Lubrication	(SL)	Nov. 1, 62:31
Package System Provides Flexible Dust Control	(W)	July 60:46
Why Preventative Maintenance Is Everyone's Job	(W)	Mar. 61:50
How Plant Cleanliness, Comfort Aid Business	(W)	Nov. 61:46
1961 Wood Industry Progress Report	(W)	Dec. 1961
Automated Nailing Raises Component Output 35%	(W)	Jan. 62:55
Around the Shop; Equipment & Supplies, each issue	(WD)	
When is Air Conditioning Profitable?	(WD)	July 60:32
Development & Installation of a Maintenance Control Program	(WD)	June 61:40
Plastic Coated Valves End Corrosion Problem	(WD)	Sept. 61:22

### 7.0 POWER (Production and Application)

Log Processing Center, delivers bark to power plant	(L)	Nov. 60:34
Efficient Fiber Blanket Machine Drive	(L)	Aug. 61:52
How To Have Clean, Dry Compressed Air	(L)	Mar. 62:40
Pre-Heaters Boost Steam Efficiency	(L)	Apr. 62:2A
Electric Drive Produces As High As 26 Passes a Minute	(FI)	Aug. 62:102
Sawdust Utilization Improved thru automatic boiler firing	(FI)	Dec. 62:77
Power Up, Air Pollution Down	(FI)	Dec. 62:78
Sawmill Power - small mills	(SL)	Feb. 1, 60:48
Power Transmission Equipment	(SL)	Feb. 15, 60:46

### 8.0 PRODUCTION PRACTICES, MODERNIZATION, STUDIES

Retractable Chucks Boost (veneer) Recovery	(L)	May 60:74
How to Peel More Dollars: Chucking peeler blocks in geometric center vs. the pith	(L)	June 61:48
Automatic Grading & Feeder Lines Speed Customer Service	(FI)	July 62:102
How to Plan Mill Modification	(FI)	Aug. 62:40
Machining Ponderosa Pine & Douglas-Fir	(FPJ)	Jan. 60:1
Let's Face Our Problems	(FPJ)	Sept. 60:476
Applying Linear Programming to the Plywood Industry	(FPJ)	Sept. 60:481
Bumps & Dents on Lumber	(FPJ)	Oct. 60:523

## 8.0 PRODUCTION PRACTICES, MODERNIZATION, STUDIES

Development	(FPJ)	Nov. 60:605
An Operations-Research Approach to Lumber Sorting	(FPJ)	Apr. 61:181
The Corporate Image of Furniture Manufacturing	(FPJ)	Aug. 61:340
Economics of Machine Replacement	(FPJ)	Oct. 61:467
Factors Affecting Sawmill Output	(FPJ)	Oct. 61:471
Determining Seasoning Degrade in Kiln Drying Western Softwoods	(FPJ)	Jan. 62:34
Effect of Resaws on Performance of Circular Headrig Sawmills	(FPJ)	Apr. 62:172
Organizing A Cost Reduction Program	(FPJ)	Sept. 62:410
High-Strength Corner Joints for Wood	(FPJ)	Sept. 62:413
The Rough-End Yield Research Program	(FPJ)	Nov. 62:536
Shelling Failures	(FPJ)	Nov. 62:538
A Computer Control System at Potlatch Forests, Inc.	(FPJ)	Nov. 62:539
A New Technique for Evaluating Sawing Methods thru Theoretical Sawing of Pine Logs	(FPJ)	Nov. 62:549
Lumber Downgrading Losses Due to Insect Damage to Small Unseasoned Pine Logs	(JF)	Jan. 60:46
Up-Grading the Product of Hardwood Operations	(SL)	
Part I, Logging Hardwoods More Intelligently		May 1, 60:33
Part II, Hardwood Sawmilling Practices That Pay		May 15, 60:31
Sawmill Automation	(SL)	Nov. 15, 60:38
Kerf Chip Sawing - A Mixed Blessing?	(SL)	Aug. 1, 61:33
Up-Grading Butt Logs in Hardwoods	(SL)	Oct. 15, 61:44
Value of Time Studies in Sawmilling Shown	(SL)	Dec. 15, 61:192
Kerf Chips - Good or Bad?	(SL)	Aug. 1, 62:43
Sawmilling Down Time - What Can Be Done About It?	(SL)	Sept. 1, 62:34
New Study Proves Narrower Kerf Hikes Yields On Logs Under 12 Inches	(SL)	Dec. 15, 62:172
Effective Materials Control Frees Expansion Capital	(W)	Feb. 60:24
How a Wood Technology Lab Helps a Growing Company	(W)	Aug. 60:28
How to Make a Model Shop Pay; Packard-Bell, Los Angeles, Calif.	(W)	Oct. 60:45
Raw Material Inspection & Expediting Methods	(W)	Apr. 61:33
Ideas to Boost Lumber Yield (cut-up)	(W)	Sept. 61:31
How to Set Up Effective Time Standards, Part I	(W)	Oct. 61:38
Part II		Nov. 61:57
Mechanized Rough Mill Boosts Yield	(W)	Jan. 62:48
One-Man Rough Mill	(W)	Oct. 62:26
	(FPJ)	Dec. 62:20A
Around the Shop - production questions & answers, each issue	(WD)	
Processing Cross Grained Material	(WD)	Mar. 60:86
Trouble-Shooting in Woodworking	(WD)	Aug. 60:77
Danger of Excessive Rough Planing (in finishing)	(WD)	Sept. 60:78
Choose the Right Wood	(WD)	
Specific Gravity Indicates Wood Properties		Mar. 61:47
Direction of Grain		Apr. 61:48

## 8.0 PRODUCTION PRACTICES, MODERNIZATION, STUDIES

Longitudinal Shrinkage of Wood		Apr. 61:50
Characteristics of Wood Affect & Durability of Paint		June 61:56
Gluing Characteristics		Aug. 61:29
Properties & Uses of Some Minor Western Softwoods		Oct. 61:26
Preferred Woods for Tool Handles		Nov. 61:56
Properties & Uses of Western Pines		Jan. 62:43
Properties & Uses of Some Western Hardwoods		Mar. 62:47
Old Growth and Second Growth: Part I, Hardwoods		June 62:48
Part II, Softwoods		July 62:34
Figures in Wood: make their natural beauty pay		Aug. 62:27
Effect of Density Upon Wood Properties	(WD)	Sept. 61:52
Some Useful Hints About Chipboard	(WD)	Oct. 61:51
Shrinking & Swelling of Wood in Use	(WD)	Nov. 61:24
Overtime--a poor substitute for planning	(WD)	Nov. 61:46
How to Control Fuzzy Grain in Planing	(WD)	Feb. 61:46
Labor Control System Provides Production Efficiencies	(WD)	June 62:37
How to Control Chipped Grain and Chip Marks	(WD)	July 62:30
"Customized" Cost Control	(WD)	Oct. 62:38
Why Dry Wood? Part I (four-part series)	(WD)	Dec. 62:25

## 9.0 PROMOTION, SELLING, DISTRIBUTION

Wood Promotion Budget Upped	(L)	Jan. 60:40
Lumber Salesmen From Within Ranks	(L)	Mar. 60:42
"Hard Sell" Keeps Insulation Board Moving	(L)	July 60:40
Here's How Simpson Takes Product to Market	(L)	July 60:52
Turning Point for Plywood	(L)	July 60:114
Plywood Distributors Seek Solution to--Confusion	(L)	Sept. 60:74
New Marketing Concept - plywood	(L)	Oct. 60:74
Plywood Sales Gain	(L)	Dec. 60:68
A Guide to Orderly Plywood Marketing	(L)	Dec. 29, 60:98
DFPA Gears Plywood Promotion to Create Markets	(L)	Dec. 29, 60:104
NPDA Urges Reorganization of Existing Practices	(L)	Dec. 29, 60:106
Thriving European Economy Boosts Demand for Lumber from U. S.	(L)	Jan. 61:17
Seasons Set Pace for Activity in the Lumber Business	(L)	Jan. 61:26
Taking A Decorative Panel to Market	(L)	July 61:34
Target Hardboard - a promotion campaign	(L)	July 61:38
Public Relations Program That Brings Homebuilders Into Plant	(L)	Aug. 61:5
The Distribution Merry-Go-Round	(L)	Aug. 61:31
Comment on the above article	(L)	Sept. 61:22
Plywood Sales to Hit New High	(L)	Dec. 61:54
Lumber Industry Takes Positive Steps to Offset Import Competition Imbalance	(L)	May 62:50
WCLA Field Reports Show Distribution Changes	(L)	May 62:53
Here Are Your Major Marketing Problems and What to do About Them	(L)	June 62:43
The Hawaiian Lumber Market Today	(L)	June 62:44



## 9.0 PROMOTION, SELLING, DISTRIBUTION

U. S. - Canadian Situation	(FI)	Sept. 62:38
How to Gauge the Efficiency of Lumber Distribution	(FI)	Sept. 62:42
Production Development Program Solves Bevel Sliding Problems	(FI)	Sept. 62:45
Sales Relate to Advertising	(FI)	Oct. 62:35
One Company's Experience in Proving New Laminated Wood Products	(FPJ)	Mar. 60:156
Let's Integrate Our Markets Too!	(FPJ)	Apr. 61:205
Revitalization Through Modern Marketing	(FPJ)	Sept. 61:427
Marketing of Lumber & Forest Products to the Gov't.	(FPJ)	Sept. 61:429
A Statistical Investigation of Factors Affecting the Market for Hardwood Flooring	(FS)	June 60:123
An Explanation of Changing Lumber Consumption and Price	(FS)	June 60:171
Softwood Lumber Markets and Southern Forestry	(JF)	May 61:360
Family Income and Wood Consumption	(JF)	June 61:443
Opportunities in Forest Products (log) Marketing in the Far West	(JF)	Oct. 61:748
U. S. S. R. International Timber Trade	(JF)	Oct. 61:753
Changing Pattern of Cycles in Lumber Production	(JF)	Nov. 61:808
Foreign Trade in Forest Products from Point of View of an Importing Country: The United States	(JF)	Aug. 62:538
Selling Parade--digest of ideas; alternate issues	(SL)	
Lumber Index Department - Hardwoods, each issue	(SL)	
Lumber Market News--U. S. , United King. ; each issue	(SL)	
Do As You Say (wood promotion)	(SL)	June 15, 60:29
Is Lumber Promotion Enough?	(SL)	July 1, 60:25
European Demand for U. S. Lumber Growing	(SL)	Oct. 1, 60:23
How to Buy Lumber	(SL)	Nov. 1, 60:27
New Markets Ahead; pressure-preserved products	(SL)	Dec. 15, 60:135
What About the Export Market	(SL)	Dec. 15, 60:159
The U. K. Market in 1960	(SL)	Dec. 15, 60:169
Short Cuts in Lumber Measurements & Pricing	(SL)	May 15, 61:29
New West Coast Firm - Stanton Swafford Co. , L. A. , Calif. , deals in domestic & Imported hardwoods	(SL)	July 1, 61:31
Hardwood Lumber Prices & Lumber for Sale, beginning	(SL)	July 15, 61:50
Will Southern Pine Exports Revive?	(SL)	Dec. 15, 61:109
Expanded SPA Trade Promotion	(SL)	Dec. 15, 61:163
Lumber Wholesaler: Key Man	(SL)	Dec. 15, 61:165
U. K. Market in 1961	(SL)	Dec. 15, 61:175
Lumber Dealers Aim to Simplify Home Remodeling	(SL)	Jan. 1, 62:23
Canadians Push Lumber Sales in U. S. Markets	(SL)	Mar. 1, 62:27
Southern Pine is Regaining Markets in Chicago & mid-West	(SL)	May 1, 62:23, 26
Wood Construction Praised by Architect	(SL)	Aug. 15, 62:34
Manufacturers and Distributors Agree to Seek Closer Accord	(SL)	Sept. 1, 62:23
Texas Wood Council to Stimulate Sales of Lumber	(SL)	Oct. 1, 62:28
Dollars and Sense of Public Relations	(SL)	Dec. 15, 62:101

## 9.0 PROMOTION, SELLING, DISTRIBUTION

Where Does Southern Pine Sell Best?	(SL)	Dec. 15, 62:105
Let's Sell It!	(SL)	Dec. 15, 62:107
"Grass Roots" Wood Promotion - Local efforts are growing	(SL)	Dec. 15, 62:145
New Orleans Wood Council Has Active First Year	(SL)	Dec. 15, 62:159
U.K. Market in 1962	(SL)	Dec. 15, 62:167
Hardwood Lumber Prices, most issues	(W)	
What Price Furniture Markets	(W)	Aug. 60:54
How Distributors Can Sell More Hardwood Plywood	(W)	Aug. 60:63
Enter Pecky Cedar (marketing & promoting a new product)	(W)	May 61:37
Wood Boats Score Hit at Largest Show (ideas)	(W)	May 61:52
Marketing - Wood Industry Progress Report	(W)	Dec. 61:62
Swift Homes, Inc., Sells in A-Frame	(W)	June 62:52
Ideas for Successful Sales Seminars	(W)	July 62:35
Education: The First Step in Selling Wood	(WD)	June 60:48
Successful Selling	(WD)	Dec. 60:55
Profitable Marketing Starts at the Top	(WD)	June 61:50
"Salesmanship"--it can make or break you	(WD)	May 62:34
Keep Your Advertising & Promotion on Course	(WD)	June 62:53

## 10.0 QUALITY CONTROL

You Don't Guess Quality (particle board) - Pope & Talbot, Inc., Oakridge, Ore.	(L)	July 60:44
A Positive Stress Rater (WPA)	(L)	Oct. 61:41
Stress Tester Takes 16/4	(FI)	Dec. 62:76
Application of Shewhart Charts in Woodworking	(FPJ)	Jan. 60:27
How Can the Plywood Industry Improve Control of Glue Bond Quality? (4 articles)	(FPJ)	Apr. 60:205
A New Technique for Evaluating Show-Through of Particle Board Cores	(FPJ)	Aug. 60:379
Prediction of Plywood Bond Durability	(FPJ)	Aug. 60:403
Quality-Controlled Log Bucking (Calif. black oak) Produces High-Grade Logs and Top Lumber \$\$	(FPJ)	Aug. 60:415
Measuring Machine Capabilities	(FPJ)	Sept. 60:471
Bumps & Dents on Lumber	(FPJ)	Oct. 60:523
Effective Use of a Computer--A Case Study	(FPJ)	Dec. 60:636
Military Standard 414 Procedures Applied to Veneer Thickness	(FPJ)	June 62:277
Construction of a Simple Vacuum-Pressure Cylinder	(FPJ)	Aug. 62:384
A Complete Quality Assurance Program	(FPJ)	Sept. 62:419
A Rapid, Continuous Method of Testing Glued End Joints	(FPJ)	Sept. 62:422
Quality Control for Laminated Lumber - AITC	(SL)	Jan. 1, 60:25
Moisture Content Sampling of Rough, Furniture Lumber	(W)	Jan. 60:17

## 10.0 QUALITY CONTROL

How to Make Particle Board Guarentee Work - Weyerhaeuser Co., Klamath Falls, Ore.	(W) June 60:34
How a Wood Technology Lab Helps a Growing Company Control in Plywood Molding	(W) Aug. 60:28 (W) Apr. 61:50
Controlling Laminated Beam Quality - Timber Structures, Inc.	(W) Mar. 61:44
Quality Control Tips for Component Fabricators	(W) Sept. 61:32
Sonic Detection of Blisters in Plywood	(WD) Apr. 60:63 (FPJ) Aug. 59:243
Processing Cross Grained Material	(WD) Mar. 60:86
Trouble-Shooting in Woodworking	(WD) Aug. 60:77
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Research House Shows Potential of Factory-Built Components; Lu-Re-Co. & DFPA	(W)	Jan. 60:26
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Building Components Offer Economic Low-Grade Wood Utilization	(W)	Oct. 60:38
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"Second Home" Trend Broadens Components Market	(W)	July 61:34
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Better Methods Studied at Wood Fastening Clinic	(W)	Mar. 62:36
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Co., Aberdeen, Wash. (10M feet per day) (L) Dec. 61:52
- How Potlatch is Developing Specialty Items (L) Jan. 62:20
- Heat "Forms" Finger Joints (FI) Dec. 62:74
- 1959 Annual Review - Glues and Gluing (FPJ) Feb. 60:62
- One Company's Experience in Proving New  
Laminated Wood Products (FPJ) Mar. 60:156
- Architectural Characteristics of Glued Laminated  
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- Factors for Efficiency in Lumber End and Edge -  
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- New Method for Testing Glue Joints of Laminated  
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- Finger Joints for Structural Use (FPJ) Feb. 62:68
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- Construction of a Simple Vacuum-Pressure  
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- High-Strength Corner Joints for Wood (FPJ) Sept. 62:413
- Research on Design of Structural Glued-Laminated  
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- Effect of Heat & Humidity on the Properties of  
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- Weyerhaeuser NU-LOC (SL) Mar. 15, 60:32
- Laminated Block Flooring-Plyfor, Inc. (W) May 60:40
- Four Mills Now Producing Paper Covered Lumber  
Panels (W) June 60:86
- Lumber Mill Upgrades by Laminating - roof decking (W) July 60:31
- Durable Floor Tile from Hardwood Veneer; vinyl,  
foil and felt (W) Nov. 60:55
- New Laminating System Meets Demand for Low-  
Cost Plastic Surfaces (W) Dec. 60:72
- GLUING---What's in It for Lumber Producers (W) Jan. 61:30
- New vs. The Old in Finger Joints (W) May 61:35
- Enter Pecky Cedar--New Laminated Wood Specialty (W) May 61:37
- How to Balance Plastic-Faced Wood Panels (W) June 61:38
- Core Stock--New Use for Western Aspen (W) July 61:54
- Diallyl Phthalate Resin impregnated paper--New  
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- New Outlook for Industry With Plastic Laminates;  
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 Georgia-Pacific Corp. (layout) (L) Dec. 29, 60:110  
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Forestry is Oregon's largest industry, bringing over \$1,227,000,000 into our economy annually. Twenty-six million acres of forest land provide the raw material for 74,200 workers who earn an annual payroll of \$410,000,000, and support the employment of others in related industries. Keeping Oregon's forest land productive is in the interest of all Oregonians; making Oregon's forest lands more productive is the job of Oregon State University's School of Forestry and Forest Research Laboratory.



