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Index of Selected Journal Articles Pertaining to the Lumber Industry

by

W. I. West

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Preface

There have been significant developments in the lumber industry in recent years. The changing timber economy and technological advancements in the forest products field have emphasized reduction in operating costs and more complete utilization. These developments have been accurately recorded in the various industry journals. Improvements have been noted in equipment, plant layout, methods and products. The trend toward plant integration and product diversification is encouraging.

Each year selected articles appearing in the journals are compiled into a reference index specifically for use in certain courses offered in the Forest Products major at Oregon State College: lumber manufacture and grading, manufacturing problems; seasoning and utilization. Since 1946 this practice has proved to be invaluable as a guide to assigned student reading covering up-to-date developments.

The objective of this publication is to collect these yearly indexes, through December, 1956, into one master index. A compilation of this kind tends to become unwieldy as successive annual references are added. Therefore, to keep this publication within reasonable limits, only the last six to seven years are emphasized (a number of earlier articles are included on some subjects). No attempt is made to include articles dealing with pulp and paper or plywood. Articles covered are indexed by subject as noted in the table of contents. A code to the journals cited is provided.

It is anticipated the lumber industry may find a use for an index of this kind. It illustrates the types of subjects covered in the journals which can be of valuable assistance in planning improvements.

Intentions are to publish additions to this index in two or three year intervals should the demand warrant.

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CODE TO JOURNALS CITED

- (T) "The Timberman"; published by Miller Freeman Publications,
519 Southwest Park Ave., Portland 5, Oregon.
- (L) "The Lumberman"; published by Miller Freeman Publications,
519 Southwest Park Ave., Portland 5, Oregon.
- (W) "Wood and Wood Products" (formerly "Wood"); published by Vance
Publishing Corp., 1309 N. Main St., Pontiac, Illinois.
- (FPRS Proc) "Proceedings" of the National Annual Meeting of the Forest Products
Research Society; published by the Society, Box 2010, University
Station, Madison 5, Wisconsin; 1947-1951, superceded by:
- (JFPRS) "Journal of the Forest Products Research Society"; Sept, 1951 thru
Dec. 1954, superceded by:
- (FPJ) "Forest Products Journal"

CODE TO JOURNALS CITED (CONTINUED)

- (JF) "Journal of Forestry"; published by The Society of American Foresters, 425 Mills Building, 17th Street at Pennsylvania Ave. N.W., Washington 6, D.C.
- (SL) "Southern Lumberman"; published by J. H. Baird Publishing Co., Nashville 3, Tenn.
- (BCL) "British Columbia Lumberman"; published by Mitchel Press Ltd., 1706 West 1st Ave., Vancouver 9, B.C., Canada

1.0 GENERAL

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Kaibab Lbr. Co.--Fredonia, Ariz. (100M)	(L) June '53:54
Dierks Lbr.--Mt. Pine, Ark. (80M) Edgerless Sawmill	(L) Sept. '54:60
Olin Chemical Corp.--Huttig, Ark. (85M, Layout)	(L) Nov. '54:54
California Thr. Prod. Co.--Healdsburg, Cal. (65M)	(L) Feb. '55:59
Thompson Falls Lbr. Co.--Montana. Features Swamp Room (Layout)	(L) Feb. '55:62
Allison Lbr. Co.--Bellamy, Ala. Post-Free Mill (80M, Layout)	(L) Mar. 10, '55:58
Idapine Lbr. Co.--White Pine, Idaho. (150M, Layout)	(L) Mar. 10, '55:94
Kirby Lbr. Co.--Silsbee, Tex. All steel, 4 H.R., 2 Barkers. (300M, Layout)	(L) July '55:58 (W) June '55:20
Kirbey--Cuts 4000 Pine Logs Daily (Photos)	(T) July '56:58
Yellowstone Pine Lbr. Co.--Belgrade, Mont. (65M) Lodgepole Pine--Has No Edger; 2 Mattison 202 Ripsaws	(L) Nov. '55:104 (T) Dec. '56:60
J. Neils Lbr. Co.--Troy, Mont. (75M, Layout) New Mill to Reduce Maintenance	(L) Dec. '56:36
Ralph L. Smith Lbr. Co.--Anderson, Calif. (150M)	(W) Jan. '55:20
S. M. Simpson Ltd.--Kelowna, B. C. (90-110M)	(BCL) Dec. '54:42

6.2 CIRCULAR MILLS (Capacity 50M plus)

Merlin Lbr. Co.--Merlin, Ore. (100M)	(T) July '48:56
Sun Stud Co.--Roseburg, Ore. (60M, Layout)	(T) Feb. '51:42
Douglas Co. Lbr. Co.--Roseburg, Ore. (100M, Layout)	(T) Sept. '51:56
Olympic Hardwood Co.--Raymond, Wn. (120M, Studs)	(T) Oct. '53:74
Olson-Ross Lbr. Co.--Medford, Ore. (50M)	(T) Feb. '54:62
Hollow Tree Lbr. Co.--Ukiah, Calif. (100M, Layout)	(T) July '54:48
Arkley Lbr. Co.--Arcata, Calif. (80M, Layout)	(T) Sept. '54:72 (L) May '55:127
Willis, Rogers & Pearson Lbr. Co.--Sedro Woodley, Wn. (3200/Man, Layout)	(T) Dec. '54:70
Oregon-Alder-Maple Lbr. Co.--Willamina, Ore. (52M, Layout)	(T) Mar. '55:68
Oscar Hedlund Lbr. Co., Oroville, Calif. (80M-9 men, Layout) 2 Men and Sash Gang up Production 35M.	(T) Jan. '56:240
Molalla Forest Prod. Co.--Cloverdale, Calif. (300M, Layout)	(T) Apr. '56:56
San Andreas Lbr. Prod.--San Andreas, Calif. (60M) Sash Gang ups Output 50%	(T) May '56:92
Ozan Lbr. Co.--Prescott, Ark. (60M) Full Use of One Inch Buse Mill, Inc.--Marysville, Wn. (85M)	(T) Sept. '56:76 (T) Oct. '56:62
McNord Lbr. Co.--Arcata, Calif. (50M) Stud Mill with Good Ideas	(T) Oct. '56:68
Anderson-Middleton Lbr. Co.--Aberdeen, Wn. (60M, Studs)	(L) Oct. '50:54
Wren Planing Mill--Wren, Ore. (60M) Hydraulic Shotgun 4 Saw, Salem Equipment, Pole Mill (50M)	(L) Mar. '51:172 (L) Oct. '53:80
Garlock & Closner--Westport, Ore. (80M, Layout)	(L) May '55:74
Simonson Logging Co.--Smith River, Calif. (55M)	(L) Aug. '55:86

6.2 CIRCULAR MILLS continued

Cheney California Co.--Greenville, Calif. (75-80M) Modernizes Stud Plant	(L) June '56:83
Menasha Plywood--North Bend, Ore. (100M, Layout) Stud Mill with Automatic Devices	(L) Nov. '56:62

6.3 GANG MILLS (Capacity, 50M plus)

Dwyer Lbr. Co.--Portland, Ore. (50M)	(T) Apr. '48:44
Clay & Brown Lbr. Co.--Fortuna, Calif. (70M)	(T) July '50:42
Wilbur Lbr. Co.--Wilbur, Ore. (75M, Layout)	(T) Sept. '51:116
3 Gang Mill Designs in Use in B.C.	(T) Mar. '52:44
LHL Lbr. Co.--Carlton, Ore. (80M)	(T) Apr. '53:82
2 Types of Gang Mill Installations	(T) Mar. '54:47
Gangs Step Up Production in 2 Mills	(T) July '54:91
C and D Lbr. Co.--Riddle, Ore. (80M)	(T) Feb. '55:90
3 New Well-Planned Gang Mills	(T) Oct. '55:50
John's Mill--Willamina, Ore. (50M) Link Gang	(T) Dec. '55:70
Powers-Davis--Lebanon, Ore. (Santiam Lbr.) (75M, Layout)	(L) Nov. '41:68
Sutherland Tbr. Co.--Sutherland, Ore. (100M, Layout)	(L) Jan. '43:10
Mt. Jefferson Lbr. Co.--Lyons, Ore. (90M)	(L) Jan. '51:78
Bloedel, Stewart & Welch--Port Alberni, B.C.	(L) Feb. '51:51
Two Gang Sawmill (50-60M, Layout)	(L) Oct. '53:67
Gang Mills Aid Utilization for 3 Companies	(L) June '55:76
Paul B. Hult Lbr. Co.--Dillard, Ore. (50M)	(L) Aug. '56:96
Swedish Gang Mills in the Inland Empire	(JFPRS) Sept. '51:51

6.4 SMALL MILLS (Capacity, less than 50M)

Traveling Sawmill, Lumber Harvester	(T) July '45:42
Fast Cutting Small Sawmill (4M/Man)	(T) June '47:54
Anderson's Fall Creek Operation (16-20M)	(T) Feb. '48:48
Light Weight Portable Cuts 10M a Day	(T) Oct. '50:108
Mills Designed to Handle Small Logs	(T) Nov. '50:36
4 Saw Headrig Has Unique Carriage (40M)	(T) Aug. '51:88
Horne Lbr. Co.--Sweet Home, Ore. (35-40M)	(T) July '52:74
Mill for Salvage, Super Swede Portable (35M)	(T) July '52:134
Portable Mill on Resalvage Job, Jackson Harvester	(T) Aug. '52:62
First Log Gang in New Mexico (39M)	(T) May '53:114
Tuft's Diesel-Electric Portable Band Mill (17-18M)	(T) June '53:106
Zamorg's Ground Level Mill (25M, Layout)	(T) Sept. '53:92
Handling Salvage Logs (30M)	(T) Sept. '53:108
Knock Down Mill Goes Where Timber Is (15M) <u>Vertical Edger.</u>	(T) Feb. '54:53
Profitable Custom Cutting from Small Logs (35M)	(T) July '54:56
Double Cut, 5 foot Band (40M)	(T) Aug. '54:40
On the Spot Logging and Milling (16M, Portable)	(T) Oct. '54:76
3 Stud Mills Get High Production at Low Cost	(T) May '55:70
Portable Gang Cuts 20M on Logs 10-12 inches	(T) June '55:92
Versatile Cutting Hardwoods & Fir (20-40M, Layout) Resaw	(T) Sept. '55:60
"Queersaw" Mill for Small Logs	(T) Sept. '55:66
Portland Lbr. Co.--Portland, Ore. (75M, 2 shifts)	(T) Apr. '56:90
Small Sawmill Issue	(L) Jan. '47
Timber Wolf Portable Mill	(L) Mar. '47:102
Outstanding Example of Small Sawmill	(L) Jan. '48:60

6.4 SMALL MILLS continued

5M per Man Cutting Lodgepole-Biles-Coleman	(L) Aug. '49:63
	(L) May '55:118
	(W) Nov. '52:26
Core Utilization Unit--2 x 4	(L) Mar. '52:147
Real Push Button Sawmill (5M/hr., 3 men)	(L) Nov. '52:76
2 Man Hydraulic Mill Averages 18M	(L) Nov. '52:80
Redwood Band Mill for Salvage (40-50M)	(L) Feb. '53:60
Portable Mills of 10M in the Rocky Mts.	(L) Feb. '53:89
Splitter Mill Slabs Small Logs--Unique	(L) Nov. '54:88
Coeur d'Alene Stud Co.'s Pole Mill (30M, Layout)	(L) Sept. '55:96
Hamond Lbr. Co.'s Salvage Mill (40M, 4 men)	(L) Nov. '55:92
Small Sawmill Review, Part I	(L) Jan. '56:65
Part II	(L) Feb. '56:80
Timber Dictates Utilization--Southern Lbr. Co.	(L) Mar. '56:77
Boost Production from 17 to 35M, Boone Lbr. Co.	(L) July '56:88
Small Mills Operating on Low Value Pines	(L) Sept. '56:108
King Lbr. Co. Increases Production--Log gang, Adjustable	
2 saw Trimmer and Automatic Sorter (40M)	(L) Dec. '56:46
Tuft's Portable Band Cuts 30M	(L) Feb. '56:90
Scrag Mill Mounted on Wheels (15M)	(L) Feb. '56:99
2 x 4 Mill, Circular Gang Headrig (38M)	(W) July '52:28
Crosby-Anders Mobile Mill	(JFPRS) June '52:41

7.0 MILL EQUIPMENT7.1 GENERAL (Also see 6.0)

Sawmill Lighting Survey	(T) Apr. '49:54
Sawmill Operating Conference--Many Subjects	(T) Oct. '50
	(T) Nov. '51
	(T) Nov. '52
Well-Planned Flow System--Western Forest Industries, Ltd.	(T) Apr. '52:56
Hydraulics from Barker to Planing Mill	(T) June '52:78
New Improvements--Burnt River Lbr. Co.	(T) Sept. '53:87
Getting the Most Out of the Log--Intercom System	(T) Oct. '54:66
Resaw Adds 27% Over-run on 16" Logs in Circular Mill	(T) Dec. '54:70
Mechanical Improvements--Chelan Box	(T) Mar. '55:54
20% Gain from Resaw--Broughton Lbr. Co.	(T) July '55:104
Planning for Permanency--Elk Lbr. Co.	(T) Aug. '55:49
Casteel Mill Ups Production 75%	(T) Sept. '55:78
More Production Dollars, Less Maintenance Dollars--	
Kappler Lbr. Co.	(T) Feb. '56:43
Smooth Sawed Lumber--Thin Saws	(L) May '42:36
Hydraulics As Applied to Sawmills	(L) May '47:119
	(L) Jan. '49:90
	(L) Jan. '50:56
	(T) Feb. '50:48
Where Should the Resaw Be Located	(L) Nov. '47:102
Sawmill Engineering Issues--Industry Trends	(L) Jan. '47:'48
	'49; '50; '51
Air and Hydraulic Equipment in the Lumber Industry	(L) Jan. '49:90
New Machinery and Equipment Forum	(L) Jan. '49:110

7.1 GENERAL (Also see 6.0) Continued

New Trends in Machinery and Practices	(L) Jan. '52:64
Lumber Plant Engineering--Fire Prevention and Insurance	(L) Jan. '52:104
Equipment and Improvements in the Western Pine Region	(L) June '55:86
Long Lake Lbr. Co. Improves Utilization	(L) Oct. '55:102
Small Sawmill Review, Part I	(L) Jan. '56:65
Part II	(L) Feb. '56:80
Many Changes Show Up In Small Mill Design	(L) Jan. '56:68
New Devices Save Labor	(L) Jan. '56:70
Mechanical Improvements in B.C. Mills	(L) Apr. '56:110
Mills Plan Greater Utilization in Redding--Anderson Area, Cal.	(L) May '56:74
Redwood Region Surveys Timber Resources Versus Utilization	(L) Sept. '56:67
Sawmill Machinery Guide	(W) Jan. '49:33
Sawmill Trends, Part I	(W) Aug. '49:27
Part II	(W) Sept. '49:26
Need for Standards in Small Sawmill Operations	(W) Feb. '54:23
Modernization and Mechanization--Keys to Woods Future	(W) May '54:26
How to Guard Mill Profits by Increasing Productivity	(W) Dec. '54:24
Southwest Lbr. Mills Feature Latest in Drying, Handling and Machining	(W) May '55:28
Sawmill Automation--What's in it for You?, Part I	(W) Oct. '55:20
Part II	(W) Nov. '55:34
\$80 Million Mechanization Program Gains Speed in the South	(W) Oct. '56:40
Milling Developments in 1953	(JFPRS) Aug. '54:31-A
Development of a Sawmill Layout	(JFPRS) Dec. '54:22-A
Milling Developments in 1954	(FPJ) Feb. '55:19
Can Progressive Research & Development Aid the Lumber Industry?	(FPJ) Apr. '55:101
New Developments in Milling Small Softwoods	(FPJ) Oct. '55:322
Increasing Sawmill Efficiency	(FPJ) Jan. '56:19
Handbook for Small Sawmill Operators; How to Attain and Maintain Accuracy of Cutting:	
Part I Machinery--Headrig, Husk, Ways, Carriage Power	(FPJ) Apr. '56:137
Part II Circular Headsaws	(FPJ) May '56:190
Part III Mill Setup	(FPJ) June '56:209
Part IV Mill Operation and Troubleshooting	(FPJ) July '56:258
Part V Glossary and Tables (Belts, Power, etc.)	(FPJ) Aug. '56:302
A Review of Sawmill Developments in the N.E.	(FPJ) June '56:19-A
A Look Ahead in N.E. Sawmilling	(FPJ) Aug. '56:292
Engineering Design of a Veneer and Plywood Plant (Principles)	(FPJ) Oct. '56:419
Sawmill Engineering Clinic, each issue beginning	(SL) June 1, '52:12
Modern Sawmilling (Hyler), each issue beginning	(SL) July 15, '54:57
N.E. Sawmilling--Developments and Current Trends	(SL) Dec. 15, '55:127
Right Tools for the Job	(BCL) May '55:79
Figuring Return on Machine Investment	(BCL) July '56:67
Automation: Next Step for the Lumber Industry	(BCL) Aug. '56:92

7.2 BARKERS & DEBARKING

Hydraulic Barker of Sawmill Logs	(T) Nov. '48:53
New Pond Barker Devised	(T) Dec. '48:84
Barkers Reviewed	(T) Nov. '51:62

7.2 BARKERS & DEBARKING continued

St. Paul and Tacoma Lbr. Co.'s New Barker and Chip Plant	(T) Aug. '52:52
Incisor Solves Cedar Bark Problem	(T) Apr. '52:60
Prentice Barker Mounted on Platform at Hammond	(T) July '52:120
Hydraulic Barker--60" Hansel Ring	(T) July '53:52
Barking Redwood Logs by Hand	(T) Oct. '53:138
Redwood Bark Problem Solved--Bellingham	(T) June '54:49
Nicholson Barker at U.S. Plywood	(T) Mar. '55:51
Hydraulic Barker Doubles Chip Production--Hansel	
Oscillating Arm	(T) Oct. '55:82
Barker on Slope Saves Space--Nicholson	(T) July '56:73
New Tool Eases Redwood Bark Peeling	(T) Oct. '56:88
Clean Lumber, Chips Result from Barker--Soderhamn	(T) Oct. '56:97
New Sawmill Log Barker--Simons	(L) Jan. '50:59
Hansel Ring Barker	(L) Aug. '50:83
Trend Toward Whole--Log Barkers	(L) Jan. '52:57
Economics of Log Debarking in Sawmills	(L) May '52:94
New Mechanical Log Barker--Nicholson	(L) Sept. '52:106
Wood Chips for Paper Mills--Anderson	(L) Dec. '52:61
	(W) June '53:20
Screening Water for Hydraulic Barkers	(L) Jan. '53:69
Nicholson Log Barker at Cascade Lbr. Co.	(L) May '53:60
	(T) June '53:86
	(L) July '53:66
New Barker at Enumclaw--Bellingham Type	
Log Barker Review (Excellent Coverage of Types and	
Economic Advantages of Western Installations)	(L) Aug. '54:68
Log Barker Review--Southern Pine Installations	(L) Dec. '54:70
Barker Boosts Utilization at Southern Pine Lbr. Co.--	
Nicholson	(L) Aug. '55:78
Nicholson Barker Installed at Pond Edge--Howard Lbr. Co.	(L) Sept. '55:62
Burnt River Mechanical Barker at Winton Lbr. Co.	(L) Dec. '55:100
Central Plant Barks All Logs (Nicholson)--Simpson Logging Co.	(L) Aug. '56:69
Nicholson Barker Installation at Bohemia Lbr. Co.	(L) Oct. '56:76
	(T) Sept. '56:56
Potlatch Makes More Chips in Less Time with New Barker	(L) Oct. '56:141
Bathtub Barker--Do It Yourself Design	(L) Nov. '56:72
Mechanical Methods of Bark Removal	(FPRS Proc) '48:119
Portable Barking Equipment	(JFPRS) Dec. '52:100
Hydraulic Barking--Hansel, Costs	(JFPRS) Dec. '52:106
Use & Selection of Hydraulic Barkers on the West Coast--	
Factors to Consider	(JFPRS) Dec. '52:113
Andersson Debarker	(JFPRS) Dec. '52:118
Log Barking for Greater Profit at Ivory Pine	(JFPRS) Sept. '53:54
Hydraulic Log Barking	(JFPRS) Sept. '53:56
Developments in Sawmill Waste Utilization	(JFPRS) Aug. '54:18-A
Economics of Debarking Redwood Logs	(FPJ) Oct. '55:317
Barkers and Chipper Developments	(FPJ) Oct. '55:35-A
Choice of Barker for the Sawmill--Panel Discussion	(FPJ) Sept. '56:19-A
Engineering Log Handling, Debarking and Chipping Setups	(W) Mar. '54:22
Debarker and Chipper Pay Off at Fordyce Mill	(W) Sept. '54:27
5 Northwest Mills Report Barker Cost & Operating Data	(W) May '56:43
Practical Slab Debarker	(SL) Feb. 15, '56:38
Salvaging Slabs at a Profit--Barker and Chipper Costs	(SL) Dec. 15, '56:185

7.2 BARKERS & DEBARKING continued

Use of Debarkers in the South	(SL) Dec. 15, '56:239
Operation of Hydraulic (Hansel Ring) Barkers (Factors to Know)	(BCL) Sept. '52:64
(Charts on Data and Cost)	(BCL) Oct. '52:30

7.3 CARRIAGES--Accessories and Feeds (Drives)

Stopping Wear in Shotgun Cylinders	(T) Apr. '39:34
Electric Drive--GE Amplidyne	(T) June '48:55
Air Dogs for Small Mills	(T) Sept. '48:62
New Hydraulic Networks and Carriage Unit	(T) Aug. '48:74
Four Saw Headrig--Unique Carriage	(T) Feb. '51:78
Effective Cable Use on Carriages	(T) Aug. '51:88
Log Carriage Drives for Smaller Mills--GE Amplidyne Package	(T) Nov. '51:74
Overhead Air and Electricity to Carriage	(T) Mar. '54:143
Checking Accuracy of Carriage Travel	(T) Dec. '55:128
All Electric Sawmill	(L) July '47:92
Hydraulic Feed	(L) Jan. '48:64
Air Powered Carriage Feed	(L) Jan. '48:96
Remote Control of Carriage	(L) Jan. '49:65
The Sawmill Carriage--Engineering	(L) Jan. '50:88
Short Log Mill with Remote Control Set Works	(L) Feb. '50:86
Hazel Valley Lbr. Co. Installs Amplidyne Drive	(L) July '50:101
Mechanization of Sawmill Carriages at Millsite	(L) July '51:76
Magnetic Amplifiers as Applied to Sawmill Carriage Drives	(L) Jan. '52:122
Air Powers Networks--Diagram	(L) Aug. '52:109
Swinging Arm (Pantograph) Carries Electricity & Air to Carriage	(L) Apr. '53:86
Riderless Carriages in 2 Mills	(L) Feb. '55:106
Atlas Tie Co. Installs Selset	(L) July '55:98
Potlatch Forests Installs Riderless Carriage	(L) Feb. '56:106
Ivory Pine Converts to Riderless Carriage	(L) June '56:134
Sawmill Carriages and Auxiliaries, Part I	(L) Aug. '56:86
Part II	(T) Nov. '56:80
Part III	(SL) Aug. 15, '52:41
Interprise Announces New 44 inch Carriage	(SL) Sept. 15, '52:56
New Developments in Tapering and Dogging	(SL) Oct. 15, '52:58
Carriages & Feeds; Many Articles by Hyler under "Modern Sawmilling"	(SL) Oct. 1, '55:66
	(SL) Sept. 15, '56:55
	(SL) July 15, '54
	(SL) Dec. 15, '55

7.4 EDGERS

Features of Prescott Edger	(T) Aug. '36:32
Headrig Edger	(T) Dec. '37:58
	(L) Jan. '49:76
Shadow Guide Line for Edgers	(T) June '41:95
Remote Control Edgers	(T) Nov. '50:64
	(T) Sept. '52:66
Edger Saws, Collars, Keys & Bits	(T) Nov. '51:84
Self-Feeding Edger	(T) Aug. '53:58
Remote Control for the Edger--Ivory Pine	(T) Sept. '54:96

7.4 EDGERS continued

Push Button Edger-Weyerhaeuser Plant B, Everett	(T) Oct. '56:56
New Shadow Guide Line	(L) Jan. '48:66
Movable Edger Shadow Line & Automatic Tail Sawyer	(L) Feb. '51:69
How Edger Improves Lumber Quality	(L) June '54:67
Saw Shifters Aid Edger Production	(L) June '54:86
Frick's New Portable Edger (Gas Motor on Top)	(L) Sept. '54:77
Hydraulic Control Panel Aids Saw Shifting	(L) Oct. '56:102
Air Motor Drives Edger Feed Rolls	(L) Dec. '56:64
"Piano Key" Controls Edging & Trimming	(W) June '53:23
A New Cure for Kickback	(BCL) Sept. '53:8
Edger Cant Holder	(BCL) Jan. '54:6
Edger Device Produces Straighter Stock, Fewer Hazards	(BCL) Sept. '54:40

7.5 HANDLING, SORTING, STACKING & UNSTACKING

Piling & Tallying Lumber	(T) Jan. '38:44
Unit Package Piling Systems	(T) Apr. '38:34
Lumber Stackers	(T) July '38:87
Lumber Handling Methods	(T) Sept. '40:33
	(T) Oct. '40:67
No More Green Chain at Warm Springs	(T) Apr. '46:74
Improvement in Drop Sorters	(T) Oct. '48:80
Lightweight Swiss Lumber Piler	(T) Apr. '49:133
Evolution of Lumber Handling Methods	(T) Oct. '49:182
New Automatic Lumber Stacker	(T) Jan. '51:214
Overhead Transfer to Green Chain	(T) June '51:90
Semi-Automatic Stacker	(T) Oct. '51:58
Crane Transfer from Green Chain	(T) Oct. '51:65
Lumber Carrying Belts in the Sawmill	(T) Nov. '51:72
Chain Driven vs Gear Driven Rolls	(T) Nov. '51:74
New Improvements at Burnt River Lbr. Co.	(T) Sept. '53:87
Control Transfer System behind the Headrig--Martin Box	(T) June '54:72
Efficient Unstacker--Mt. Emily Lbr. Co.	(T) Oct. '53:92
Mechanized Lumber Handling to Yards, Kilns--Pacific Lbr. Co.	(T) Feb. '54:42
Circular Green Chain Handles 55M Feet of Studs per Shift	(T) Nov. '54:68
Stacking Studs Automatically	(T) Nov. '54:108
Southwest Lbr. Mills Improve Drying, Handling & Sorting	(T) Apr. '55:96
	(W) May '55:28
Sorting Table & Stacker--Duke City Lbr.	(T) Apr. '55:106
Sticker Layer Speeds Stacking	(T) Feb. '56:78
Standard Conveyor Designs	(L) June '39:37
Moisture Content Segregation at the Green Chain	(L) Feb. '40:46
Use of Belts in Sawmills	(L) Jan. '48:69
New Timber Handling Device	(L) July '48:119
Green Chain Design	(L) Jan. '49:55
Mechanical Sorter	(L) Nov. '49:58
Unstacker	(L) Dec. '51:84
Strapping Stacked Box Shook	(L) May '52:134
Glued-Up Carrier Blocks Save Wear on Lumber	(L) Sept. '53:120
Packaging Studs Pays Off	(L) Sept. '54:78
U-ed Green Chain	(L) Mar. 10, '55:98
Self-Help Method of Unloading Cants at Stud Mill	(L) Aug. '55:136

7.5 HANDLING, SORTING, STACKING & UNSTACKING continued

Keystone Stud Stacker	(L) Nov. '56:62
Spray Rig Helpful for Small Mills	(L) Nov. '56:134
Pierce Lumber Wrapper	(L) Nov. '56:143
Modern Methods of Handling Lumber	(JFPRS) June '52:19
Looking Ahead in the Package Handling of Lumber	(JFPRS) Dec. '52:24
Package Handling of Lumber	(JFPRS) Dec. '52:28
Never Lift a Board	(JFPRS) Dec. '52:32
Take the 'Hand' Out of Lumber Handling	(JFPRS) Feb. '53:56
Packaging & Handling Plank & Timbers	(FPJ) Feb. '55:25-A
How to Figure Conveyor Needs, Part I	(W) Jan. '51:15
Part II	(W) Feb. '51:24
We Never Life a Board	(W) Oct. '52:26
Trades 2 for 1 & Saves on Kiln Drying & Handling--Layout	(W) Apr. '53:26
Engineering Materials Handling for Profit	(W) Feb. '54:26
New Sorter Spurs Lumber Output--Wheland	(W) Apr. '54:38
'Target Line' System for Precision Lumber Handling	(W) May '54:20
Boosts Lumber Quality--Ozan Lbr. Co.	(W) Nov. '54:28
Cuts Costs with 6 Lift Trucks--Guistina Lbr. Co.	(W) Nov. '54:36
400 Foot Conveyor from Green Chain to Stacker	(W) Dec. '54:30
Revamped Lumber Stack Cuts Checking & Sticker Rot	(W) May '55:24
Conveyorized Lumber Handling Cuts Costs at New Mill	(W) Feb. '56:22
Small Mill Automatic Lumber Sorter	(SL) July '56:56
Lumber Handling	(SL) Aug.15, '52:60
Storage & Handling	(SL) June 15, '53:41
Lumber Handling Equipment & Methods, Part I	(SL) June 15, '54:51
Part II	(SL) July 1, '54:43
What About Lumber Stackers? Part I, Machine & System	(SL) Oct. 1, '55:72
Part II, Kiln Loads on Rails	(SL) Oct.15, '55:63
Part III, Unit Package System	(SL) Nov. 1, '55:60
Part IV, Stacking & Sorting	(SL) Nov.15, '55:46
Part V, The Machine & Its Variations	(SL) Dec. 1, '55:44
German Side-Operated Fork Lift	(BCL) June '55:106

7.6 HEADRIGS (Band, Circular & Gang)

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