

Cascade Among Firms Using Leftovers

Waste Reduced by 50,000 Board Feet In New Operation

It's old fashioned for lumber companies to throw away leftover lengths of wood.

Cascade Wood Products, Inc., located west of Camp White, is one of a growing number of companies doing something about it. It has installed an operation which not only reduces the monthly amount of waste lumber by about 5 per cent, or 50,000 board feet, but puts formerly wasted wood on a paying basis.

Joining Department

This was arranged by installation three months ago of a \$40,000 finger jointing department. In this section of the plant, wood portions 12 inches or longer, trimmed from other pieces of lumber, are joined to make single boards measuring up to 16 feet in length.

Prior to installation of the finger jointing department, most of the short pieces of lumber were thrown away. The remainder were sold at near "give-away" rates, since demand is slight for wood of that size. Value of this wood has been nearly tripled by the new operation.

The short pieces are first sorted. Those with prohibitive defects are thrown away and the others are run through a machine which cuts "fingers" into the wood. Glue is mechanically applied to the finger ends and the pieces are moved into a joining or assembling machine. The jointed lumber is cut to the desired length, allowed to dry, then finished in the same manner as any other kind of lumber.

Scarfing Machines

Two scarfing machines used in this process cost the firm approximately \$25,000. They are precision machines, and if the joints in the wood don't come out just right, it means something in one of the machines needs adjustment, according to Ken Van De Kamp, sales manager.

Other new equipment the company had to acquire included a blower, compressor and temperature controllers. Van De Kamp added that the finger jointing process requires a steady temperature at all times. The building had to be extensively remodeled to accommodate the new operation.

Cascade's finger jointed wood is primarily designed for use as window and door frames and moldings, which ultimately will be painted or covered with weather stripping. It is not commonly used if a natural or stained finish is desired, since the joints are visible.

One great advantage to finger jointed products is that no major defect, such as a knot, is allowed to remain in the wood. Company officials explained that these are cut from the pieces of wood before the jointing process begins. Unjointed lengths of lumber are not always free of these defects.

Though the jointed lengths may not be quite as sturdy as straight lumber when pressure is applied, they appear to withstand to better advantage some other forces.

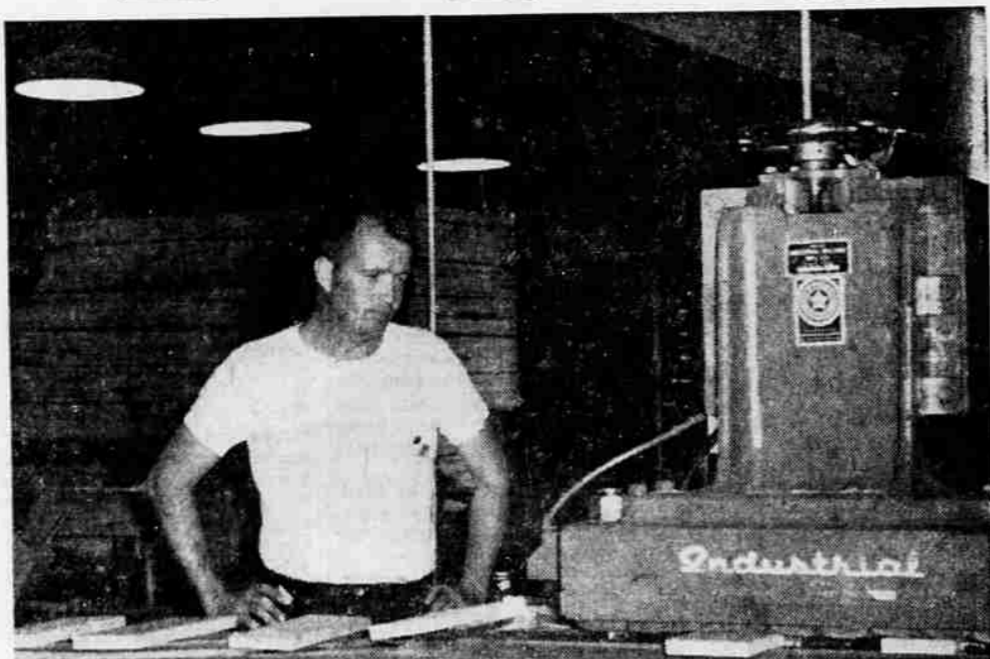
Van De Kamp said ponderosa and sugar pine are subject to weather damage, but mixed grains and types of wood used in a single length of finger jointed lumber increase resistance to weather hazards. Wright Scoville, president and general manager of the company, summed it up by saying, "Finger jointed wood is as sound and good as other lumber when used for the purpose for which it is intended."

Not New
Finger jointing is by no means a new thing, Scoville explained. It has been done probably since the first cabinet maker set up shop. However, it has only been considered practical on a large scale in the last three years, when the process became mechanized. Earlier manufacturing of finger jointed lumber was a hand operation.

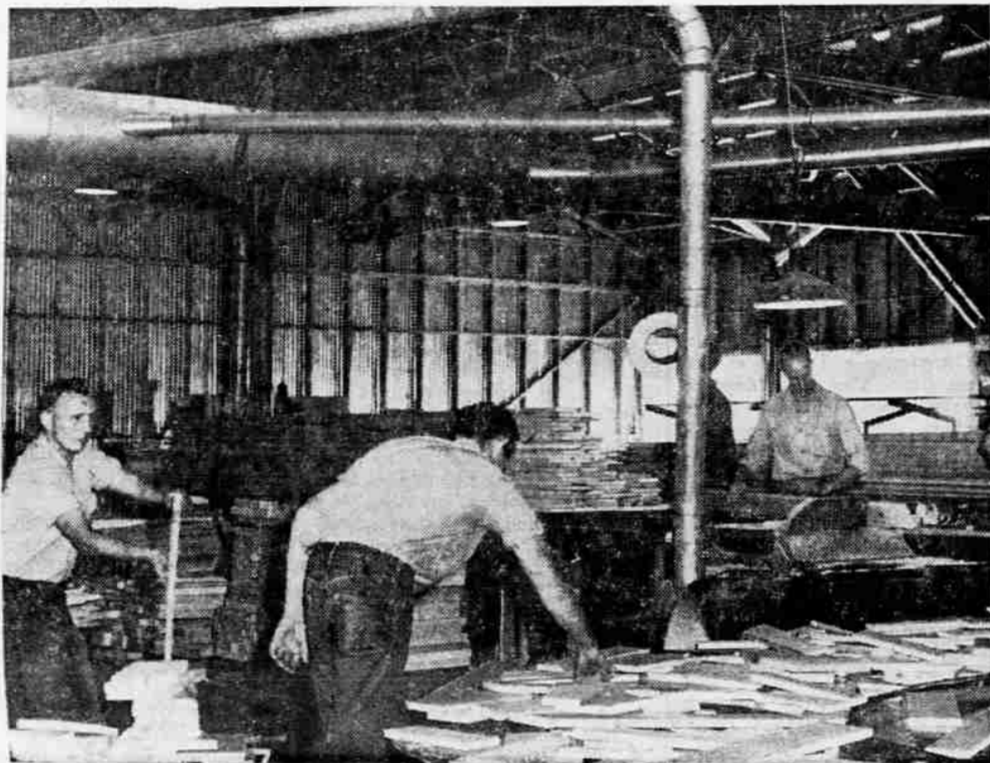
Scoville predicts this type of lumber will eventually be used for other construction purposes, though it now seems most useful in such forms as moldings and frames. Finger jointing of studs has also proved satisfactory and is being done elsewhere in this area.

Despite improvements in quality of finger jointed lumber, Cascade officials said considerable resistance to this type of lumber is still evident in the market. One reason may be lack of understanding of the operation, and another reason might date back to World War II. During that time, when lumber was scarce, poor quality finger jointed lumber was forced upon the people as the only available thing. The process had not been perfected to present standards and people have not yet overcome their resistance against it.

Cascade has noted great rid-



CUTTING THE JOINTS—Bill Graham, foreman of the finger jointing department at Cascade Wood Products, Inc., watches as small pieces of wood go through one of two scarfing machines. After the joints are cut, glue is mechanically applied and the segments assembled into a single board. The long jointed board is then cut to the desired length. The finished product is shown bundled in background. Graham works under Art Fitzgerald, plant superintendent.



SELECTING THE PIECES—R. C. Cooper, center, sorts pieces of lumber cut from other boards before the small pieces go through the finger jointed lumber. At left, Delbert God-

dard lumps discarded pieces of wood down a chute. Jack Clark, cut-off man, is shown at right trimming boards.

Normal Wheat Yields Fixed For Jackson County Farms

Normal yields per acre for wheat farms in Jackson county with wheat allotments were established Thursday night by Agricultural Stabilization and Conservation committee at a meeting in the courthouse.

The average normal yield for the 101 wheat farms with allotments in the county is 23.9 bushels per acre. Approximately 636 of the available 1550 acres of allotment are to be harvested this year.

Several farmers may be eligible to participate in the soil bank program of the federal government. July 20 is the last date that agreements can be signed in the county ASO office for participation in this year's program.

A farmer is eligible for participation in the soil bank if: (1) he underplanted his allotment to comply with the 1956 program, or in anticipation of bad weather; (2) he underplanted his winter wheat allotment because of bad weather; (3) he has completed with his allotment and an acreage of wheat has not been harvested due to natural causes; (4) he has plowed or mowed crops by July 31.

Sign Agreements
Farmers must sign agreements with the ASC committee and remove some part of their acreage allotment from production to take part in the reserve program.

Land placed in acreage reserves, however, in acceptance of finger jointing. The company is shipping about one carload a day to dealers east of the Mississippi. Local demand is not as great.

"Our accounts seem well satisfied with our shipments," Scoville said, "and they have been renewing their orders."

Cascade officials believe their plant is the only one of its kind in the Rogue River valley, which re-manufactures wood that would otherwise go out in raw stages.

Other wood products manufactured by the company include box cleats, vegetable posts and rails, shade rollers, toy stock, moldings and window and door frames. About 125 men are employed there.

The firm has been in operation for about 10 years and was originally organized as a redwood furniture manufacturing plant.

serve may not be grazed after June 23, cut for hay or cropped before Dec. 31. It must be left idle or under soil or water conservation activity.

Three methods will be used for determining payment for the 1956 wheat crop:

If a farmer underplants his allotment, \$1.16 will be multiplied by the normal yield set for his farm, based on historical production on his farm. The average for Jackson county is \$1.16 multiplied by 23.9 bushels, or \$27.72 per acre that is put into reserve.

If a farmer underplants 1956 winter wheat because of bad weather the payment will be \$4 per acre.

If a wheat crop has been destroyed by natural causes or a farmer has participated by plowing or mowing his crop, his payment will be based on the appraised yield for the current year on acres put in reserve or on the normal yield for his farm, whichever is smaller.

Jackson county agricultural Stabilization and Conservation committee offices are on the first floor of the court house.

Alaskans Mop Brows In Heat Wave Friday

Fairbanks, Alaska—(U.P.)—Alaskans mopped their brows Friday in a heat wave which sent temperatures soaring into the eighties throughout most of the territory.

The mercury bubbled up to 85 here. It was 82 at Juneau and 81 at Ketchikan. Thursday it zoomed to 86 at Nenana scene of the annual \$100,000 ice pool.

The weatherman said the heat wave would probably last for at least five more days and that temperatures might threaten the record of 93 set here last July 25.

TAKING NO CHANCES

McCallen, Tex. — (U.P.) — Jose Rodriguez, Jr., celebrated his 13th birthday on Friday the 13th by remaining in bed all day with a horseshoe and a rabbit's foot under his pillow.

Board of Directors Council Set Meet

The annual board of directors meeting of the Northwest Horticultural council will be held in Medford, Tuesday, July 17, at the Rogue Valley Country club. Raymond Reter, Reter Fruit company, Medford, is president of the council and will preside at the one-day session, the first held in southern Oregon.

The board of directors, representing the fresh fruit industry in the northwest will review projects of the past year and elect officers.

Representatives are expected to attend from Washington State Boxed Apple commission, Winter Pear Control Committee contributors, and Traffic association members from Hood River, Yakima, Wenatchee, as well as the Rogue River Valley Traffic association.

Work of Council
Member organizations support, on a per car assessment, work of the council on behalf of the fresh fruit industry of the northwest. The council deals in all rail and ocean traffic matters, export negotiations and legislation, industry legislation of all types and other matters common to the fresh fruit industry.

Following the morning session, the Rogue River Valley Traffic association will be host at a noon lunch, followed by tours of val-

ley orchards and packing facilities. Ernest Falk, Yakima attorney, is manager of the council, and Martin Foster of Wenatchee, Wash., is secretary.

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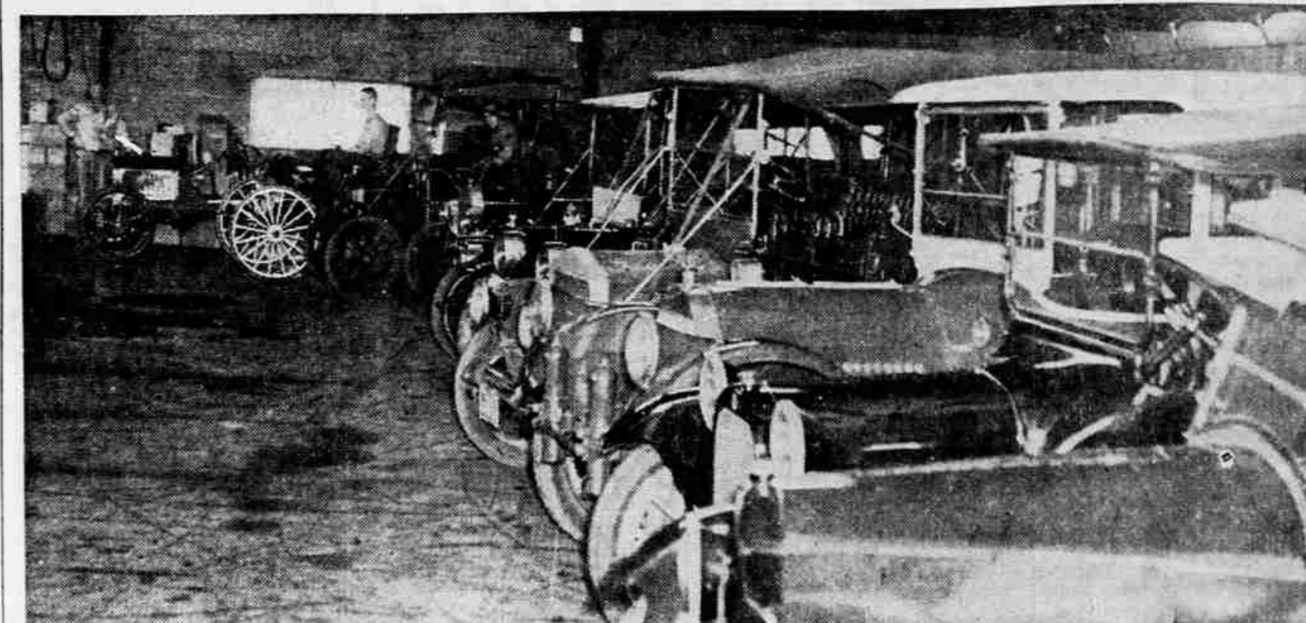
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Tucker Collection Of Old Vehicles Is Reminiscent of Post-Horse 'n Buggy



REMEMBER THESE?—Emmett M. Tucker, extreme left, stands beside the fleet of antiquated cars he has collected in the past six years. Left to right are a 1909 Ford bug, 1901 Sears Roebuck motor buggy, occupied by Jasper (Jim) Tucker, 1909 Ford roadster, occupied by Ray Wiley, 1913 Ford touring car, 1923 Ford touring car, 1910 Buick touring car, 1913 C. M. F., 1910 White steamer, 1913 Pierce Arrow limousine, 1915 Dodge touring car and 1925 Allen touring car. Tucker is also having work done on a 1913 Maxwell, which will eventually be added to his collection.

Reminiscent of the post-horse 'n buggy era is Emmett M. Tucker's old vehicle fleet, which consists of cars dating back as far as 55 years.

In his exhibition collection are a 1901 Sears Roebuck motor buggy, 1909 Ford roadster, 1909 Ford bug, 1910 Buick touring car, 1910 White steamer, 1913 Pierce Arrow limousine, 1913 Ford touring car, 1913 E.M.F., 1915 Dodge touring car, 1923 Ford touring car and 1925 Allen touring car.

Collection Addition

He is also having work done on a 1913 Maxwell, which will eventually be added to his collection.

In frequent demand for local parades and exhibitions, they were objects of much interest at the recent YMCA July 4 celebration at the Medford High school stadium. Tucker has also been asked to make television appearances with the autos.

Tucker has been interested in old cars for several years, but started his collection only six years ago. He sees the outmoded autos, standing around in back yards and wrecking lots, purchases them and puts them into running condition. He admits spending \$3,500 for one car and an equal amount repairing it.

Four Receive Five-Day County Jail Sentences

Gilbert Wayne Cooper, 19, Jack Joe Dugger, 21, and their wives, ages 16 and 17, all of Trail, were sentenced in district court Friday to five months in the county jail on petty larceny charges.

The two wives pleaded guilty to shoplifting about \$150 worth of articles from several Medford stores. Medford police said their husbands were wearing some of the stolen articles at the time of the arrest last Thursday.

It was indicated the four will be eligible for parole after serving 15 days of their sentence.

Operating Condition

Though any horse worth its salt could probably outrun them, most of these old time autos are in operating condition. Tucker supervises reconditioning of the cars, but does none of the actual work himself.

Each auto in the collection bears a special "old timer" license plate. These licenses, obtained directly from Salem, authorize old vehicles to travel in parades and to be driven to and from exhibition points. They can not, however, be used for regular highway transportation.

Asked the value of his collection, Tucker had this to say: "That's just like asking me how much I think one of my kids is worth. I wouldn't sell any one of them (kids or cars) for any amount of money anyone would offer. To someone else the cars may not be worth a dime, but to me they're priceless."

Tucker is also inventor and manufacturer of Tucker Sno-Cats, in current demand all over the world. He keeps his cars in the balcony of his Sno-Cat plant south of Medford on Highway 99.

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