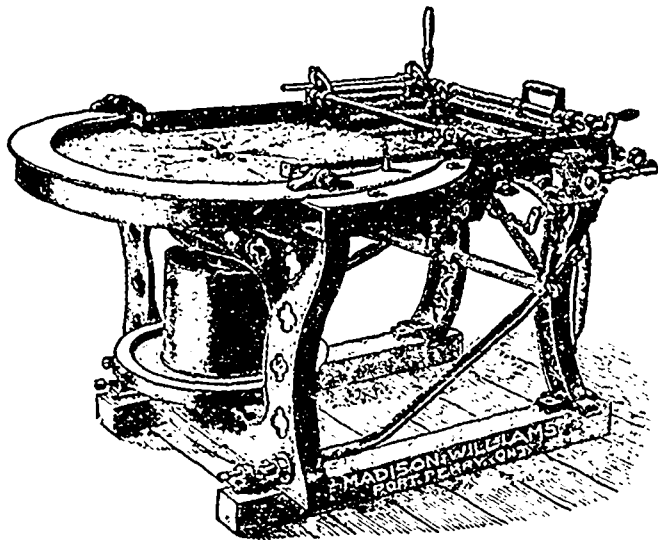


## CANADA FAVORITE SHINGLE MACHINE.

Good shingle machines are the rule where the timber supply is sufficient to justify large operations. In many sections, however, a mill is indispensable, although the timber may be scarce and costly, and in just such places the best machine should be used, for the very obvious reason that its adoption may transform an otherwise losing enterprise into a profitable one.

The machine here illustrated, which is manufactured by Madison Williams, successor to Paxton, Tate & Co., Port Perry, Ont., is claimed by the manufacturer to rank with the best machines ever built. The following particulars regarding its construction, furnished by Mr. Williams, are among the strong points which, in his



judgment, have made the Canada Favorite what its name implies

## WHAT IT IS AND WILL DO.

The Canada Favorite is a machine weighing about 1,000 pounds, occupying a floor space about 3½ ft. by 5 ft., using a 38 inch saw, and adapted for cutting shingles, heading or box boards, from 14 to 18 inches in length, up to 16 inches in width, and either parallel or tapering. With necessary power and skilful operators it has turned out 50,000 shingles in a day's run.

## HOW IT IS CONSTRUCTED.

The arbor is of the best steel. The journals are long, ground in emery to a true circumference, and run on phosphor-bronze step. Boxes are lined with superior anti-friction metal. Upper and lower boxes being solid in the front or main supporting leg, and the lower box surrounded with large bridge post for oil or tallow, the friction of the arbor is carried so as never to heat. Both boxes may be oiled through pipes that run from outside the machine. The carriage being constructed entirely of wrought iron tubes, brass and forged steel, combines at once the greatest durability and strength with least

weight. The carriage bearings are brass, and are dovetailed to fit the track, which it cannot jump. The result is the perfection of uniformity in the thickness of shingles.

The tilt works are heavy, unspringable, and can be set to a hair's breadth by any sawyer after ten minutes' experience with the machine. The saw flange centres the saw to a nicety, is in absolute balance and remains that way. The drop lever regulates the thickness of the shingle without disturbing the taper adjustment. Any one of six screws performs the function that in less complete machines required from four to six. The machine in its entirety presents an appearance of compactness, ease of control, and of possessing the elements of speed and accuracy, which are the essentials of shingle manufacturing on a paying basis.

Readers of the LUMBERMAN who have not had the satisfaction of making shingles with the highest class of machines, and who would like to improve the volume and quality of their output, will do well to communicate with Mr. Williams.

## LUMBERING METHODS IN PORTO RICO.

SUCH native lumber as is procured in Porto Rico is obtained as follows: A desirable tree being discovered the natives proceed to cut it with axes and whip-saws. It is felled and squared with the ax. A large circular groove is cut around one end of the log, making a notch, in which ropes can be secured for hauling. The squared log is sometimes lifted upon temporary trestles and sawn into thick slabs (tablos). These planks are not completely severed, however, but are left attached by a foot or two of unsawn wood at the notched end of the log; the log is then dragged by ropes or pried along on rollers through the jungle, often many miles, until a beaten trail is reached. It is pulled by hand down these trails until they lead into the ox-cart roads. Oxen are now attached to the logs and they are dragged to their destination. There is not a saw mill in Porto Rico for lumbering purposes, nor is there any inducement for the establishment of such a mill, because sufficient logs could not be obtained in any one locality to supply a mill, and the topographic obstacles forbid hauling over great distances. The logs, after being cut and dragged to their destination, are worked up, upon the sugar plantations or in the cities, into the objects for which they were hewn.

## TRADE NOTES.

The attention of our readers is directed to the first appearance, on front cover page of this number, of the advertisement of the American Machinery & Trading Co.

The Globe File Co., of Port Hope, Ont., have purchased the file plant of the Ottawa Saw Works. The plant will be removed to Port Hope and operated in connection with the Globe File Works.

## THE NEWS.

—Thos. Hodgins is building a saw mill in Middleboro, near North Bay, Ont.

—The Rat Portage Lumber Company are overhauling No. 4 saw mill at Norman.

—Esau & Dyck, retail lumber dealers, Winkler, Man., have dissolved partnership.

—Robert Gillholm, of Galt, Ont., has disposed of saw mill to P. W. Gardiner.

—Barber & Elliott, saw and planing mill, Shawanaga, Ont., have dissolved partnership.

—The planing mill of K. A. McLeod, at Edmonton, W.T., has been purchased by W. H. Cushing.

—A sash and door factory will likely be established at Fenwick, Ont., to be operated by steam power.

The saw mill of the Trout Creek Lumber Co. of Trout Creek, Ont., has been purchased by Mr. Burk.

—An addition to the planing mill of Eleazer Robb at Meteghan River, N.S., has been decided upon.

—Wm. O'Neil, of St. Martins, N.B., is operating rotary mills, one at Upham and the other at Henryville.

—It is the intention of McLachlin Bros., of Amherst, Ont., to enlarge their plant and make improvements.

—The Symon Peters Co., general contractors, lumber merchants, Quebec city, has been incorporated with capital of \$100,000.

—The Dominion government will be asked to \$500,000 towards the proposed Montreal, Ottawa Georgian Bay ship canal.

—The Rat Portage Lumber Co. recently donated to the National Patriotic Fund and \$500 to the general fund of the hospital of that town.

—Preliminary steps have been taken by Geo. Daly of Ottawa, to establish a match factory at Hull, Que., has asked for exemption from taxation.

—The New Richmond Lumber Company, of New Richmond, Que., will again operate their mill this season, having it closed down for two years.

—An advance of 15 per cent. has been established all lines of leather belting, due chiefly to the fact that hides have gone up fully 40 per cent. within the past year.

—The old Todd mill, on the New Brunswick side of the St. Croix river, has resumed operations, after having been shut down for two years. It is being operated by Eaton & Son.

—The following officers of the Bronsons & W. Co., of Ottawa, have been elected: President, H. H. Bronson; vice-president, F. P. Bronson; secretary, Levi Crannell.

—The town of Brandon, Man., will probably grant exemption from taxation to the Hanbury Manufacturing Co., which concern purposes adding to their saw mill plant.

J. D. SHIER

MANUFACTURER OF

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EXTRAORDINARY

We are cleaning up numerous yards in connection with our Mills in the South, to make room for next year's new cut.

Stock consists of all grades and thicknesses Hardwood Lumber, Yellow Pine and Cypress including a big surplus of No. 1 and No. 2 Common Yellow Pine, Select and Common Cypress. All of the above a year and over dry.

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