

THE ST. MAURICE LUMBER COMPANY.

SIXTH the publication of our October issue, in which there appeared illustrations of the St. Maurice Lumber Company's mill at Three Rivers, Que., the following particulars have been received: The mill is 150 x 54 feet, and has two floors. The first, or lower floor, contains all the shafting and pulleys to drive the machinery, which is placed on the second floor. This floor is extended after the edgers to receive the transfer chain for the slash table and trimmer table. It is a double mill, having two No. 3 Allis band mills, with the necessary log carriages, steam feeds, live rolls and edgers. The logs enter the mill in the centre, where an endless heavy log haul-up is placed, and are delivered on to log rolls and placed on to the log skids by a double deck kicker, each provided with two arms and heavy steam cylinders. The logs are delivered from the skidway on to the carriage by steam log loaders and turned into position by steam tiggers. The carriages open 40°, and consist of heavy cast iron log seats, provided with Allis set works and automatic receding rig and offset. They are actuated by powerful 10" gun-shot steam feed. The boards drop on to live rolls and are transferred by a transfer chain to the edger table. After passing the edger, the boards are sent to the end of the mill, where they are dropped on to a transfer running across the mill, bringing the boards to the trimmer. The edgings are dropped by the man behind the edger on to the slash table transfer. This transfer is built into the floor, and delivers edgings and small slabs on the slash table, carrying them under a mandrel

with five cross-cut saws of 36" diameter. To resaw the heavier slabs, each side of the mill is provided with a circular re-saw. The slabs drop on to the live rolls, and are handled by a steam slipper on to the rolls feeding the re-saw, from whence the boards are transferred to the edger, and the remaining slabs on to the transfer to slab slasher.

The engines and boilers are situated on the south side of the mill. The saw-dust from each machine is collected and carried over the boilers into the furnace, which burns all the sawdust, making ample steam for the mill. Each of the boilers is provided with a Dutch oven. All refuse stuff, too small to work up, is carried by the refuse conveyor to the burner, which is situated south of the boiler room. All slabs passing over the slash table are cut into four foot lengths, dropping into a conveyor. As they pass along in this conveyor, the best pieces are taken out and prepared for pulp by being barked on Waterous barkers, of which there are four in an adjoining building next to the slash table. This is a new departure in preparing pulp-wood, as formerly no slabs were used for this purpose, all going to the burner. All the refuse slabs in this mill are barked and converted afterwards into pulp in their pulp mills. The roof above the band mill is raised, making a large and convenient room for preparing band saws. It is fitted up with a full line of Waterous band saw tools. The machinery and equipment of this mill was supplied by the Waterous Engine Works Co., Limited, of Brantford, and erected according to their plans under the supervision of their millwright.

ERRATUM.

By a peculiar circumstance the name of Mr. A. S. Dickie, of Colchester, N.S., was confused, in our October issue, with that of Hon. A. R. Dickey, a member of the Parliament of the Dominion of Canada. This account for the word "Honorable" which appeared below the portrait of the former gentleman. However, both are prominent lumbermen and most enterprising business men.

ONE DOLLAR.

THE above sum represents the yearly subscription price of the CANADA LUMBERMAN, including both weekly and monthly editions, mailed to any address in Canada or the United States. Owing to postal charges, the subscription price to foreign subscribers is two dollars per year. Persons in foreign countries interested in Canadian timber products can invest that sum to no better advantage than by becoming a subscriber. Like every mill owner in Canada should read the columns of the CANADA LUMBERMAN. A sample copy will be gladly furnished upon request.

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About the goods he has to sell,
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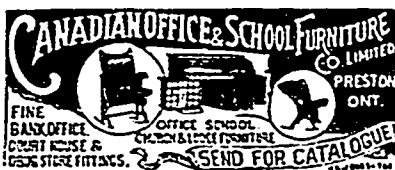
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