

THE NASSAU MILLS.

THE new mill just completed at Nassau, near Peterborough, was visited by a LUMBERMAN reporter a few days ago, in company with the proprietor, Mr. J. M. Irwin. This mill, the erection of which was commenced in December last, is designed and laid out quite different to the ordinary saw mill, being a combination of planing, saw and shingle mill. It is situated directly on the edge of the Otonabee river, while in the rear is a fairly large pond, in which the timber is floated and from thence conveyed to the saw. Running along both sides of the new building are railway switches connecting with the Grand Trunk. In this connection it is worthy of mention that Mr. Irwin has already constructed over two miles of switch, which connect the two mills and lumber yards. The latest addition to the "Red Mills" property is a heavy frame structure, 40 x 100 feet, three stories in height, the roof of which is covered with corrugated iron. To one side is erected the engine and boiler house, 35 feet square, in which is contained a 75-horse power "Beckett" engine and three boilers. The ground floor of the mill proper is used as a planing mill, in which is also located the main driving shafts for operating the machinery on the different floors. Here, among a number of other wood-working machines, is to be found what is known as the "Lightning" planer, which is indeed a magnificent machine. The board is conveyed into this machine in its rough state, carried through, planed and grooved, and by a simple device carried into a box car at the opposite side of the mill, where it is piled and ready for shipment.

The second floor is used exclusively for bill timber, which is manufactured up to 60 feet lengths. The third floor is utilized for the manufacture of shingles. The various departments have a capacity as follows:—Planing mill, 40,000 feet per day; bill timber mill, 25 to 30 thousand feet per day; shingle mill, 30,000 per day. The whole arrangement is unique, and a credit to the practical common sense of the owner, under whose personal supervision the work was carried out.

While referring to the improvements which are going on, it is not out of place to mention that the large water mill has also been undergoing considerable changes and cutting operations will soon be commenced. This mill, which has operated for the last thirty years, has a capacity of 100,000 feet per day. It is operated by two Lefsel and eight central discharge water wheels, the estimated power being 500-horse power.

Mr. Irwin's limits are situated at the head waters of the Otonabee, and the logs are floated down that stream to the mills. Employment is given to about 250 men on an average, although that number is largely increased at certain seasons of the year. The cut of logs last winter is given as 13,000,000 feet.

Should any LUMBERMAN readers ever think of visiting these mills with the object of "painting the town red," they are strongly advised to stop away as every building in the village already bears that color, and it would be difficult for even a Lumberman to make it brighter.

Mr. Adam, of Gatineau Point, and formerly of Cookstown, who has got out a new patent for a saw to manufacture bevel-edged shingles, has completed the construction of a large factory at Gatineau Point. Instead of manufacturing shingles out of blocks, Mr. Adam has purchased some 900 logs seized by Father Paradis on the Gilmour limits some time ago. The new style of shingles is represented to be far ahead of the ordinary shingle, and Mr. Adam has made several large sales already.

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