

BIG CANADIAN MILLS.

FOLLOWING up a discussion in the Timberman on the largest saw mills of the country, a correspondent, evidently from the Ottawa district, sends to our contemporary the following particulars of large Canadian mills:—

“Until John R. Booth’s mill at Ottawa burned a few weeks ago, it was the largest mill on this continent. There were fourteen band mills, four gang and four twin circulars in the mill. The capacity was about 1,200,000 feet per day, but owing to the cramped position and bad arrangement of machinery it never cut 1,000,000 feet per day. This was not the largest mill in the world, however, as I understand there is now running in Sweden a mill cutting every twelve hours over 3,000,000 feet of lumber. I am inclined to think that W. J. Young, of Clinton, Ia., has now the largest on the continent.

I will give you the capacity of the leading mills in Canada for comparison: J. R. Booth, of Ottawa, has now four band saw mills, two gangs, and a twin circular. Runs day and night, and cuts about 100,000,000 feet a season. Buell, Hurdman & Co., Hull, Quebec, have in one mill three band saw mills and a gang. In the other mill, five gangs and one twin circular. These gangs in this last mill are, however, all old

style, and two are slabbing gangs. In both mills, running only day time, they cut about 70,000,000 feet a season.

Gilmour & Hughson have two band saw mills, a twin circular and a gang. They run only nights and cut 50,000,000 feet last year. This is their new mill. Their old mill up river has several old style gangs and cuts about 40,000,000. W. C. Edwards has three bands and a gang at New Edinboro, at Rockland three band saw mills, a gang and twin circular and cuts all told about 60,000,000.

Gilmour & Company, Trenton, Ont., have three band saw mills, a twin circular and two gangs and cut about 75,000,000 a season.

These are the largest concerns in Canada. All are backed by ample capital and own large quantities of white pine. J. R. Booth is estimated to own nearly three billion feet of standing pine, both white and Norway (or, as it is called here, red pine). Buell & Hurdman own about one billion. I am not capable at this time of giving an estimate of the other holdings.

There are other large manufacturers, of course, but those I have named are representative and stand at the head. I am personally acquainted with all of them and have these figures from their own lips.”

PAPER PULP WATER PIPES.

THE experience with the new paper pulp pipes, which are made on pretty much the same principle as the fiber pail, have demonstrated that the idea will eventually prove successful. As it now stands, the hand-made pipes, formed from crudely worked and irregularly subduced pulp, are well enough made to warrant that they will stand the wear and tear to which street water pipes are subjected. With each new test of the proposed pipes, a step in advance is made, and this would seem to indicate that after a few more trials perfection will have been attained. The matter as it now stands is about as follows: Paper pulp, in which there is a fairly good fiber, is agitated with water and run into molds and cast into the form of the ordinary water pipe. The same molds that are used in connection with casting iron pipes are employed. The mode of procedure is substantially the same. Of course there are various strengthening materials compounded with the pulp, otherwise it would not stand a great pressure. The inventors report that these ingredients are inexpensive and simple.

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