

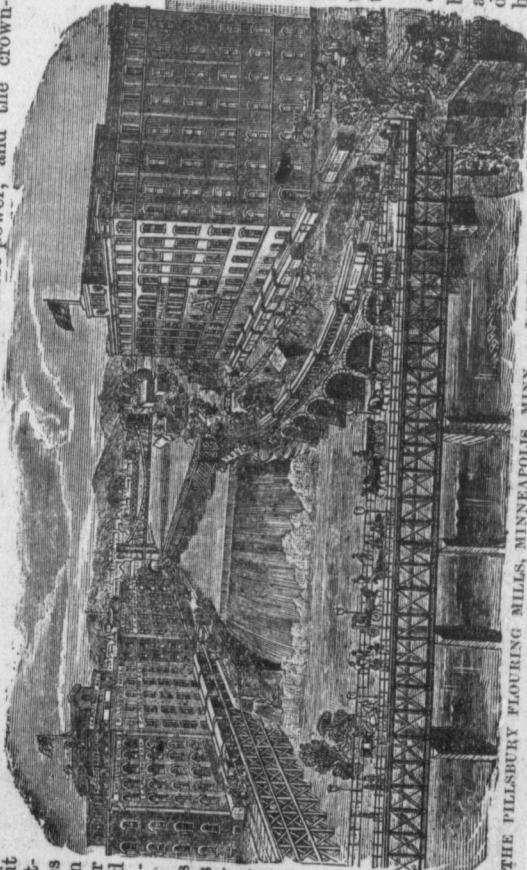
The Pillsbury A, the largest mill of the Pillsbury set, to which is accorded the distinction of being the largest flouring-mill in the world, is a noble building, occupying a conspicuous site on the east side of the Mississippi. The walls are of limestone, of enormous thickness, and they must be to support the heavy machinery. Its capacity is five thousand two hundred barrels of flour and about one hundred and eighty tons of offal per day. This is made from twenty-four thousand bushels of wheat. The aggregate quantity of wheat taken to the mill and of flour and offal taken away, when it is running to its utmost capacity, makes one hundred and ten car loads daily. Four days' product would load an ocean steamer.

The mill employs two hundred men, is illuminated by a forty light electrical machines, has a complete fire-apparatus, more than fifteen miles of belting, and many other things that excite the wonder of visitors. The motive power for the vast bulk of machinery which it contains is supplied by two of

the largest-sized turbines, each driven by a column of water twelve feet in diameter, falling fifty feet. Each turbine is set in a tube made of heavy plates of boiler iron, through which the immense body of water plunges with terrific force. The impact is received at the bottom of the pit on a solid flooring made of intersecting layers of twelve-inch timbers firmly bolted together and embedded into the sandstone with hydraulic cement. The two turbines generate three thousand horse-power, and the crown-wheel and pinion at the top of each weigh 9,000 pounds.

On the grinding floor there are two hundred sets of rolls and twenty pair of mill-stones, and the other five floors are filled with machinery to correspond. The structure cost nearly a million of dollars. It is a great span from the mill used by the Israelites to the Pillsbury mill of to day.

The fine new roller 'Kent Mills' of Campbell, Stephens & Co., at Chatham, have a daily capacity of 400 bbls.—the largest in Western Ontario.



THE PILLSBURY FLOURING MILLS, MINNEAPOLIS, MINN. DAILY CAPACITY, 7,500 BARRELS.