

made in the number, quality, and general get-up of our machines since our last Catalogue was issued. We do not hesitate to invite fair comparison of our goods with those of any other maker, both as to design, adaptability to the work to be performed, and excellence of material and workmanship, and we would especially call attention to our new Valve Gear, which is simple, positive, noiseless, adjustable, and positively reliable. In a direct-acting Steam Pump, the reliability of the Valve Gear is the point to be first considered by the purchaser, and we invite close examination of that used by us, as we claim it to be perfection.

Having the largest and best equipped Steam Pump Works in Canada, amply provided with Tools specially designed for the manufacture of Steam Pumping Machinery, we are in a position to produce the highest class of work in our line, and to absolutely guarantee the quality of our product.

By the terms of our guarantee we hold ourselves under obligation to refund the purchase money in case a pump fails to do the work for which it is warranted.

Every pump is thoroughly tested before shipment.

Included in the catalogue are both exterior and interior views of the Company's new and extensive work in Toronto.

These buildings were erected in 1893 after careful examination of the most recent examples of English and American machine-shop plants, and are therefore modern in every respect. The arrangement of the various buildings is calculated to insure the greatest economy in manufacture, and the interior transportation facilities are most com-

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plete, covering surface railway, overhead travelling crane, jib cranes, etc. The location on King Street West is unsurpassed for convenience of access and for prompt shipping facilities. It is only 12 minutes by electric cars from the corner of Yonge and King Streets, and the company's own railway sidings enable them to load goods direct from factory to cars. The tool equipment embraces some of the heaviest modern machine tools to be found, as well as many special tools put in exclusively for pump building, enabling the company to turn out their product with special rapidity and precision, and putting them easily in the front rank in Canada in their line. The shops are lighted throughout by electricity, heated by steam, and combine every convenience for the proper conduct of their business. Visitors are cordially invited to make an inspection of the works.

A Canadian Timber Enterprise.

About two years ago the Ontario Government sold a large quantity of timber land in the Nipissing district to Messrs. Gilmour & Co. of Trenton, Ont., for which more than \$700,000 was paid. Messrs. Gilmour desired to bring the timber which they cut from this land to their mills at Trenton. The timber was contiguous to the navigable waters of the Muskoka lakes; but a height of land intervened in reaching the Trent river. Mr. David Clark, the engineer of the concern, laid out and built roads from the timber belt and spanned rivers and smaller streams with suitable bridges to enable the hauling of the timber as desired. During last summer more than 500 men were employed in cutting this timber and getting it to the Trent river where it was to be rafted. The intervening height of land spoken of is more than two miles wide, separating the Raven Lake waters from Trading Lake, and to bring the logs into Raven Lake, where they were to be rafted for transportation down the different water courses to Trenton; it was necessary to transport them across this height of land.

After the logs were cut they were towed by steam warping tugs, or alligators, as they are sometimes called, to the shore of Trading Lake, where there was placed a "jack ladder." This ladder elevates the logs to a height of forty feet and conveyed them a distance of two hundred feet by an endless chain, finally dumping them into a reservoir. This reservoir is eighty feet in length, seven feet in width and eight feet in depth; and is filled with water by a set of centrifugal pump.

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