

Westinghouse Electric and Manufacturing Co., Pittsburg: Circular 1,097, Type K Motors, for crane, hoisting and similar service; descriptions and curves. Also Circular 1,099, Bi-polar Motors, Type R.

The Hayward Co., 97-103 Cedar St., New York: Catalogue No. 25 of Digging Machinery, Buckets, Cranes, Derricks, Dredges, etc. 104 pages, 10 by 12, with embossed cover.

John Birch & Co., Limited, 3 London Wall Buildings, London, E.C.: Motor Cars, being Appendix B to Machinery Catalogue. Illustrates and briefly describes the prominent makes of automobiles sold in Great Britain. 80 pages, 8½ by 11.

Westinghouse Machine Co., East Pittsburg. Westinghouse-Parsons Steam Turbine, a neat, 35-page booklet describing and illustrating this power unit.

Sterling Lubricator Co., Rochester: Illustrated catalogue of force-feed lubricators, 1905 edition. 20 pages, 4 by 6½.



## INDUSTRIAL NOTES.

Three concrete piers and one abutment will be built at Battleford, N.W.T.

The Gutta Percha and Rubber Co. of Toronto is opening a branch at Vancouver.

The Horseshoe Stone Quarry Co., of St. Mary's, Ont., propose to instal a new 125-h.p. engine.

The Ontario-Slocan Lumber Co. have decided to build a sawmill at Slocan, B.C., to be completed by next spring.

The Dodge Mfg. Co., of Toronto Junction, are building a new power house in which a large engine and boiler will be installed.

The Borland Carriage Co., now of Stratford, Ont., and formerly of Tillsonburg, Ont., will start up their new factory this month.

The Standard Windmill and Manufacturing Company of Michigan will erect a factory at Whitby, and begin business in the near future.

Canada Furniture Manufacturers will remove their Stratford factory to Seaforth, and the building and equipment in Stratford will be sold by auction.

The Macdonald Engineering Co., of Chicago, has just completed a 500,000-bushel steel elevator at Fort William for the Ogilvie Flour Mills.

D. R. Dingwall, Limited, have been awarded the contract for installing two tower clocks, one for the new C.P.R. Hotel, and the other in the new depot, at Winnipeg, Man.

On July 1st the Canadian Government will assume control of the fortifications at Halifax and Esquimalt. The cost to the Government will be about \$2,000,000.

The Kamloops Lumber Company, B.C., have commenced the rebuilding of their sawmill, which will be up-to-date in every respect. The main building will be 136 x 30 feet, with a planer shed 60 x 50 feet.

The Dominion Iron and Steel Co., of Sydney, N.S., is about to install new electrical appliances in various departments of its works. The latest devices calculated to facilitate production and reduce expenditure will be adopted.

The Dominion Iron and Steel Co., Sydney, N.S., have awarded the contract for the extension to their steam power plant to Goldie & McCulloch, of Galt, Ont. The contract for the extension of the electric power has been awarded to the Canadian General Electric Company, of Toronto.

In the notice last month of the new works of the Canada Car Co., the name of G. F. Johnson was omitted. Mr. Johnson, a Swedish engineer of Pittsburg, Pa., supervised the designing of the structures. The contract for the foundation was carried out by D. G. Loomis & Sons, of Montreal.

It is stated that the C.P.R. contemplate building a smelter on the west coast of Vancouver Island. This will be in the centre of the iron fields, and within reach of a large number of copper properties, which show immense deposits of low-grade ore. Coal and coke are within easy reach at Comox and Nanaimo.

The estimates for Dominion public works, under consideration by Parliament, include \$263,194 for a Canadian mint building, the contract for which has been let to Messrs. Sullivan & Langdon, Kingston. It will be built of stone, 220 by 164 ft., at a total cost of \$375,000. In view of the annual production of \$20,000,000 worth of gold in this country, it has been considered advisable to provide a market for this gold which has now to go to the United States. The mint will make Canadian \$1, \$5, \$10, and \$20 pieces, as well as British gold coins.

Installation of the postal pneumatic service in Toronto and Montreal will begin the coming season. It is expected that the system in Montreal will be constructed and in operation first, although the construction of street work will go on simultaneously in both cities. There is still annoying delay occasioned in Toronto, due to the impossibility of locating the Central Station building on Front St., until the railway expropriation of the burnt district has been settled. Mr. Galt, the chief engineer for the Government, informs us that the contract for the pneumatic mains was awarded to Robert McLaren & Co., of Glasgow, Scotland, and that delivery will begin during May.



## MINING MATTERS.

It is said that a mountain of asbestos has recently been discovered in the vicinity of Rainy Lake.

The silver-lead mines of British Columbia have paid dividends, amounting to \$3,500,000 since 1892.

The Saskatchewan Mining and Development Company have bought dredging machinery costing \$60,000.

The output of gold from the Atlin, B.C., mining district, is estimated at \$600,000 for the current year.

R. Mackay has received the contract to enlarge the concentrator at the Iron Mask Mine, Kamloops, B.C., at a cost of \$80,000.

The diamond yield of South Africa, which began with \$2,500, in 1867, and reached \$18,000,000, in 1888, was \$24,500,000 last year.

Six thousand dollars a day is the amount of gold being taken off the plates of the Nickel Plate mine, at 20-Mile, or Headley, in the Similkameen.

At Medicine Hat, Assa., a good flow of natural gas has been struck at a depth of 950 feet. Advantage will be taken of the strike to greatly enlarge the local works.

Last year Canada shipped to the United States 68,048 tons of coke valued at \$260,507, besides over one and a half million tons of coal valued at over four million three hundred thousand dollars.

The Regina gold mine, Lake of the Woods, which was formerly in active operation, is to be re-opened. A considerable quantity of machinery has been purchased, and operations will commence shortly.

A well shot last month near Leamington flowed 350 barrels in the first fifteen hours, and is the best well yet struck in the neighborhood. It is expected that an oil refinery will soon be started at Leamington.

The first iron mine in the vicinity of Sault Ste. Marie to recommence operations is shipping ore to the Algoma Steel Works at the rate of 35 tons a day. The output will be increased shortly.

The mineral production of Southeast Kootenay in the year 1904 reached the highest total value of any year in the history of mining in the district. The value of minerals produced in this district was \$4,813,800.

Mackenzie & Mann have just completed the formation of a million dollar concern, known as the Atikokan Iron Company, for the purpose of mining iron ore, and manufacturing pig iron and other products of iron and steel at Port Arthur.

Active prospecting operations are being carried on in the region at Torbrook and Nietaux, N.S., by the Nova Scotia Steel and Coal Co., and the Londonderry Iron Co., both of which have obtained options covering considerable areas.

The British Columbia Copper Company's plant at Greenwood, B.C., in 1904, treated 211,864 tons of ore. The total production was as follows: Gold, 35,911 ounces; silver, 11,668