

able to handle the output of the mines for several years to come. The larries which convey the slack coal to the coke ovens are operated by electricity. The loading of the railway box cars will be effected by means of an Ottumwa box car loader, which is located in front of the tippie and alongside the railway track. This novel device is a great labor saver and prevents breakage of the coal. The company have also erected machine, blacksmith and wood-working shops. The power is furnished by a 25 h.p. electric motor.

At the present rate of development, Coleman is destined to become one of the largest and most prosperous towns on the Crow's Nest line. The Canadian Pacific Railway is a large consumer of coal, and the wants of thousands of settlers on the prairies for purely domestic purposes are growing apace and are likely soon to tax the productive capacity of many coal mines. A considerable proportion of the output will be converted into coke, for which a ready market is already assured not only in the smelter towns of British Columbia, but among leading American smelting centres like Great Falls, Helena, Butte and Anaconda. The market is practically unlimited, especially as Canadian coke is of the highest standard of quality, and can be sold as cheaply as western American coke of inferior grade; moreover the mileage to Montana is not greater than to Boundary smelting centres. The plant and equipment as well as the economical method of mining now in vogue at Coleman will absolutely enable Coleman coal to meet all competitors in the western markets on both sides of the line.

The president of the International Coal & Coke Co. is A. C. Flumerfelt, a capitalist of Victoria, B.C. Mr. Flumerfelt has long been a factor in the economic development of the West. He is largely interested in mining, smelting and lumbering. His decision to engage in coal mining was only reached after a careful study of the possibilities of the industry. Mr. Flumerfelt is president of the British American Trust Co., and a director of the Eastern Townships Bank, one of the solid financial institutions of eastern Canada. The general manager and vice-president of the coal company is H. N. Galer, who possesses exceptional executive ability and a capacity for hard work. Mr. Galer, two months ago, resigned the position of assistant general manager of the Granby Consolidated Mining, Smelting & Power Co. to assume the active management of the International Co. at Coleman. His administration here has resulted in the establishment of the most cordial and satisfactory relations between the management and the employes, embracing men of nearly every nationality.

The general superintendent is Edward E. Reynolds, C.E. and M.E., who resigned the office of mine inspector of the Seventh District, Pennsylvania, in January last to enter the service of the International Coal & Coke Co. Since his arrival in Coleman, Mr. Reynolds has directed the work of opening up the mine and the construction of the surface works. Mr. Reynolds has been engaged in coal mining operations since boyhood, filling every position from errand boy to mine manager. The coal measures at Coleman proved a revelation to him. He is authority for the statement that the No. 2 seam here is nearly twice the size and of equally good

quality as the famous coal seam in the Connelville region of Pennsylvania.

OPPORTUNITIES.

Manufacturers and others in need of machinery, supplies, etc., of any kind are requested to consult our advertising columns, and if they cannot find just what they want, if they will send us particulars we will make their wants known free of cost, and in this way secure the attention of those who may be able to supply them. No charge for publishing what is wanted nor for giving information. When writing to enquirers kindly mention The Canadian Manufacturer.

The Government of Cape Colony, South Africa, contemplate the erection of cold storage depots in all the ports and in the principal trade centres of that country, and the purchase of a large number of refrigerator cars for their railroad lines. The growing movement among the South Africans to form agricultural co-operative associations also tends toward the increase of cold storage facilities.

The Hungarian ministry of trade will purchase about 300 motor cars for use upon the local railways. The firm of Ganz & Co., in Budapest, have received an order to deliver 120 of these cars, at a cost of about \$821,700, which will be paid in installments. It is proposed to run these motor cars in addition to the regular scheduled trains whenever the traffic requires.

The town of Izel, Belgium, is about to construct waterworks.

The British Consul at Buenos Aires, S.A., reports that the demand for milk sterilizing apparatus is constantly increasing in that city.

The Belgian railroad department will contract for the delivery of 114 freight cars, 64 passenger cars, 18 baggage cars, and 21 iron turntables.

A branch railroad is to be built from the Camillos line to La Vega Azucarera Granadino, Granada, Spain.

Tenders for building a railway 37 miles in length from Ilheos to Conquista will be received by the secretary of agriculture, Bahia, Brazil.

PUBLICATIONS.

The publishers of The Canadian Manufacturer solicit in advance, if possible, catalogues, circulars, and other industrial publications issued by manufacturers. We wish to review such literature, and bring the principal points to the attention of our readers.

The Canton Foundry & Machine Co., Canton, Ohio, have issued a new catalogue on sheet metal machinery, etc.

The Automatic Threading Lathe is described in a new catalogue issued by the Automatic Machine Co., Bridgeport, Conn. H. W. Petrie, Toronto, is Canadian sales agent for the company.

Wayland Williams, Montreal, has issued folders on the Roberts patent filling machine for which he is agent.

The Waterbury Farrel Foundry & Machine Co., Waterbury, Conn., have issued a new catalogue on power presses.

W. R. Scott, Toronto, is mailing catalogues on Victor safes for which he is Canadian agent.

The Bristol Co., Waterbury, Conn., have issued catalogue No. 16, devoted to the well known line of Bristol's recording volt, Ampere and Watt meters, which cancels all previous catalogues and lists. An accompanying bulletin shows the exhibit of this company in the Electricity Building at the St. Louis Fair.

A very valuable report is being compiled for the Department of Mines by Mr. J. Walter Wells, Ottawa, who is now investigating the lime, clay and shale deposits of Manitoba in the interests of the cement industry. If these materials abound to any extent it will mean a great thing for the settlers in the West, where timber for building is scarce and costly. This inquiry is another of the steps which the Minister of the Interior is taking to convert to practical use the natural resources of Canada.

The Proceedings of the Canadian Institute just issued contain a number of interesting papers read before the Institute during the past year.

The Garvin Machine Co., New York, have issued a most valuable booklet in which are illustrated and described about every machine tool yet invented. The booklet should be in the hands of every iron or wood worker for no one can fail to gain valuable information from it.

The Lloyd Automatic Weaving Machine Co., Minneapolis, Minn., have issued descriptive matter of their machinery. Messrs. Sheetz & Lynde, Toronto, are Canadian representatives.

Concerning the recent explosion at the Bolt Works of the Toronto Bolt & Forging Works, the Canadian Casualty & Boiler Insurance Co., Toronto, in a letter to their customers, say: "This boiler explosion is the third which has occurred during the last three months in the Province of Ontario, and in each case the cause has been traced to negligence, demonstrating that boilers do explode, consequently we now write requesting that you caution your engineer concerning the safety valves, glass water gauge, try cocks and blow-off pipes. These should always be kept in perfect working order—the first, that it may relieve the boiler of any undue increase of pressure, the second, that the exact height of water in the boiler may always be correctly known, and, the third, that they may not leak and cause a dangerous shortness of water."

"The Lubrication of Axles" is the title of the latest booklet of the Jos. Dixon Crucible Co., Jersey City, N.J., and the information given therein will be found of much value to those interested in the economies of lubrication.

The scope and purpose of trust companies and a brief account of their origin and development is contained in the little volume that has been issued by Ernest Heaton, B.A.,