

THE BERTRAM PLANT AT DUNDAS, ONT

Extensive additions and improvements are being made to the plant of the John Bertram & Sons Co., Dundas, Ont. A new foundry building, which will embody the most modern ideas in construction and appointments, is already well under way. The structure will be 209 feet long, with provision for extending to 500 feet. The centre bay is 50 feet and the side bays 32 feet wide, making a total width of 114 feet and providing 32,600 square feet of floor space. The west bay will have a gallery, with reinforced concrete flooring its entire length. This will be used as a charging floor and for sand and coke storage. The storage bins will be served by a system of chutes whereby the coke and sand will be received directly from cars.

Ample light enabling the men to work in the deepest hole, will be provided by skylights and two rows of side windows. Provision is made for ventilation by the swinging of the upper row of side lights. The crane equipment will include one 10 and one 25-ton traveling crane for the centre bay, 5-ton cranes for the side bays and a 5-ton crane over the core room. The yard between the foundry and extended machine shops will be covered by a large traveling crane

with 60-foot span. Transportation facilities will include railroad service for the yard and tracks running into the foundry.

The old foundry building, after the completion of the new foundry, will be converted into a machine and erecting shop, served by a 30-ton traveling crane, under which all the heavy class of tools will be built. The building will be extended to 280x50 feet, and when completed will give three erecting shops suitable for various classes of work and served by 10, 15 and 30-ton cranes, respectively. The present No. 1 shop will remain a two-story manufacturing shop for small parts. With these extensions over 55,000 feet of machine and erecting shop floor space will be given.

The works will be operated by electric power and an air plant for the new foundry will be installed.

T. A. Somerville, formerly with the Canadian Pacific Railway's Angus shops and the Canada Car Co. Montreal, has charge of the construction and improvements. The Phoenix Iron Works Montreal, have the contract for the steel work. M. J. Haney and Roger Miller, Toronto, are contractors for the balance of the work.

For the manufacture of its full line of small tools, including taps, dies, reamers, milling cutters, punches, etc., a plant has been pur-

chased in Dundas, near the Bertram works, and will be used by the Pratt & Whitney Co. The building is a modern structure and will afford at present 12,000 feet of floor space. Machinery for the plant is being shipped from Hartford and work will commence shortly. A twist drill department will also be included in the plant. An elaborate equipment of special machinery for this department is ready for installation. This small tool plant, which will soon be enlarged, will be operated as one of the departments of the Bertram works.

The Jenckes Machine Co., Sherbrooke, Que., are in receipt of an order from the Granby Copper Co., of New York, whose mines and works are at Phenix, B.C. for an ore crusher which will have a capacity of working 150 tons of ore per hour, or 3,600 tons per day. This will be the third large crusher supplied by the Sherbrooke concern to the Granby Copper Co.

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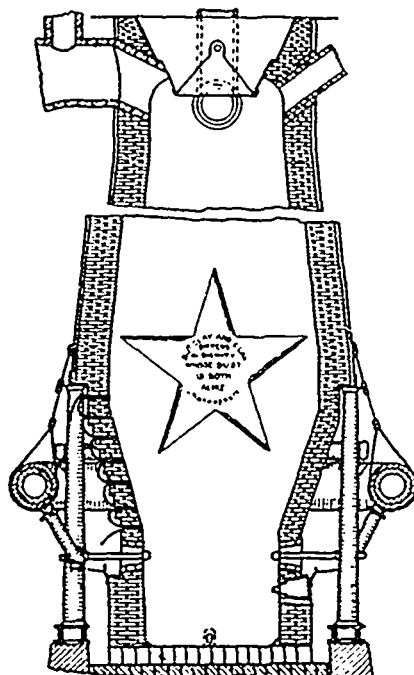
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