

THE GOLDIE & McCULLOCH CO., LTD.

THE Goldie & McCulloch Company, Limited, Galt, Ont., made a fine display in Machinery Hall of wood working and other machinery, wood split pulleys, friction clutch pulleys, etc. Included in this display was an 80-horse power Wheelock steam engine which was used to drive the main shaft furnishing power for the machinery in operation in the building.

Referring more particularly to this Wheelock engine, we are informed that it is rapidly taking the place of a large number of other makes of engines previously in use for driving electric light dynamos. In its construction it is exceedingly simple and economical, the general arrangement following the American model, the main bed being of trunk girder pattern, so arranged that the chief bulk of metal lies in the direct line of strain between the cylinder and the shaft bearings. The Wheelock engine was awarded the Great Gold Medal at New York in 1875; the Centennial Medal at Philadelphia in 1876; the Gold Medal at Cincinnati in 1881; Gold Medal at Boston in 1881; the Grand Prize at Paris in 1878; and at the Millers' International Exposition at Cincinnati in 1880 the "Great Gold Medal for the best automatic engine under actual test." This Cincinnati test cost \$15,000, and the award given in competition with the Corliss and other automatic engines was that "The Wheelock engine gave the best regulation, the highest economy of fuel, the least clearance, and the least trouble to the operator"—the highest award ever given to a steam engine.

The Wheelock system is specially adapted to high speed. The valves are perfectly tight, with no necessity for balancing. By the peculiar arrangement of the valve movement, the cut-off is very effective and positive in its action, as the cut-off valve has but slight movement after closing, while the knuckle joint allows of continuous movement of the mechanism without moving the valve.

The Goldie & McCulloch Company, Ltd., have made recent sales of their Wheelock engine as follows:

Guelph Electric Light Co Guelph, Ont.
Luk & Burley Hamilton, Ont.

A. Bauer & Co. Waterloo, Ont.
R. & J. Watson Portage la Prairie, Man.
Clinton Electric Light Co. Clinton, Ont.
Wingham Electric Light Co. Wingham, Ont.
Canada Screw Co. Hamilton, Ont.
Abbott, Grant & Buell. Brockville, Ont.
Calgary Browning & Malting Co. Calgary, N.W.T.
National Electric Tramway & Lighting
Co., 2 engines. Victoria, B.C.
Hamilton Street Railway Co. Hamilton, Ont.
Prince Edward Island Electric Co. Charlottetown, P.E.I.
D. W. Karn & Co., 2 engines. Woodstock, Ont.
Daniel Olmstead. Wheatley, Ont.
Ontario Tack Co. Hamilton, Ont.
P. W. Ellis & Co. Toronto.
Gendron Mfg. Co. Toronto.
Ingersoll Electric Light Co. Ingersoll, Ont.
Gordon & Keith. Halifax, N.S.
The R. Forbes Co. Hespeler, Ont.
Listowel Furniture Co. Listowel, Ont.
W. & J. G. Greig. Regina, Man.
James Pender & Co. St. John, N.B.
T. C. Watkins. Hamilton, Ont.
Brown & Erb. Berlin, Ont.
Edison General Electric Co., for Port
Arthur Electric Street Railway Co. Port Arthur, Ont.
Winnipeg Electric Street Railway Co. Winnipeg, Man.
George L. Dick & Co. Toronto.
Chatham Electric Light Co. Chatham, N.B.
H. N. Schmidt. Mildmay, Ont.
Archibald Bros. Beachville, Ont.
Orr Bros. Windsor, Ont.
J. Eveleigh & Co. Montreal.
Lake of the Woods Milling Co. Portage la Prairie, Man.
Corporation of Town of Amherstburgh,
Ont., for Electric Light Station.
Montreal Rolling Mills. Montreal.
William Clifford. Austin, Man.
Watson & Malcolm. Kincardine, Ont.
Consumers' Cordage Co. Montreal.

Galt Foundry, Engine and Machine Works.

MANUFACTURERS OF

Corliss Steam Engine

FOR

Driving ELECTRIC Machinery.

COWAN & CO. - GALT, ONT.