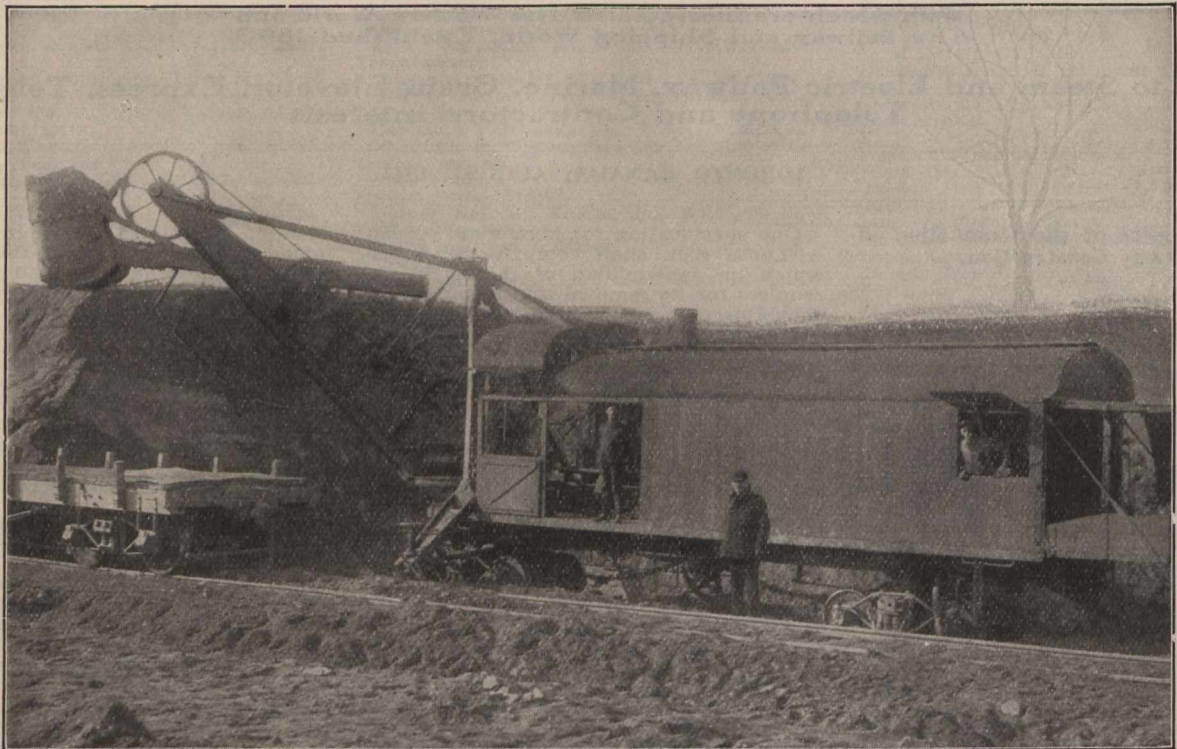


ATLANTIC STEAM SHOVELS



CLASSY 45-16 $\frac{1}{2}$ ATLANTIC SHOVEL.

ECONOMY IN OPERATION

Reduction in friction and boiler losses, with corresponding increase in pull at dipper, is the reason why the Atlantic shovel digs more at less cost than shovels of the chain type.

Wire rope hoist, found only in the Atlantic, exerts a direct pull on the dipper and substitutes friction of a rope with but one large sheave for that of a chain with from four to six additional small sheaves. The less power lost in the machine itself, the more you have left for digging.

Further economy in operation is secured by using a large boiler of the locomotive type, in which more of the heat is utilized and less is lost up the stack. This is possible only because of the removal of the hoisting engines from their usual position on the car body, to the boom.

The placing of the main hoisting engines at the foot of the boom reduces the power necessary for swinging the boom and removes the twist upon the car body when working on one side. With this construction the turntable centre and boom foot constitute the engine frame. One casting takes the place of four or more in the usual construction, reducing the total weight of the shovel, and the weight on the front trucks.

Spare parts are kept on hand at our Works at Longue Pointe, Montreal, Canada. Every part is made to gauges, and sure to fit.

MONTREAL LOCOMOTIVE WORKS, LTD.

OTTAWA BANK BUILDING, MONTREAL, CANADA