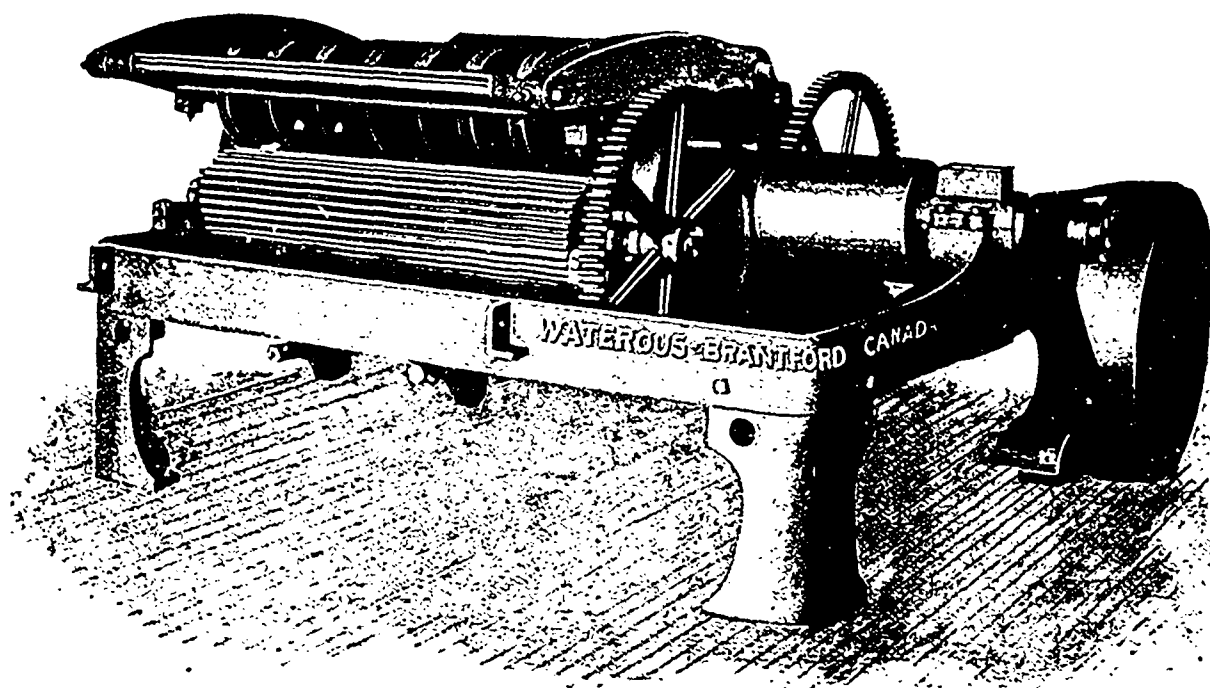


.. WATEROUS .. IMPROVED CHAMPION DOUBLE EDGER

All Manufacturers are forced in these days of sharp competition to invest in up-to-date Machinery, increasing the output per man, thus lowering the cost of production—Lumbermen are no exception to this rule.



THIS IMPROVED DOUBLE EDGER

s made in three grades- Light, Heavy and Extra Heavy. Press and Feed Rolls are of large diameter. Feed rolls fluted, bearings adjustable, front press rolls made in sections, both front and back hung in stiff open frames LIFTING WITH FEED NOT AGAINST IT—a new and important feature ADJUSTABLE BOTH WAYS FOR ALIGNMENT WITH MANDREL. Rolls sufficiently large to be used for return of stock over edger, and still view of saws is not obstructed—all have bridgetree quickly removable to take off saws. Saws are moved by guides and guides are removable to take off Saws.

The Light Champion Edger has strong box frame cast in one piece, supported with four legs. Mandrel, 2 7-16 steel, supported on two long bearings.

No. 1 Champion has two Saws, one movable; range between Saws from 1 3/4 to 22 inches.

No. 2 Champion has three Saws, two movable; range between stationary and first movable Saw, 1 3/4 to 18 3/4 inches, and between movable Saws 4 inches.

Both are provided with front tables, with 4 1/2" rolls and guide, movable with lever up to 4 inches inside of stationary Saw.

The Heavy Champion Edger shown in illustration has heavy box frame supported on six legs. 2 7/8 steel mandrel supported in three bearings of ample proportion, reducing the pressure to the square inch of wearing surface to a minimum, permitting the greatest speed.

The Pulley is carried between two heavy bearings cast in one solid box-shaped frame.

Front and Back Press Rolls arranged as in the Light Edger, are carried in box-shaped uprights connected and braced together to prevent springing and twisting of frame.

No. 3 Heavy Champion has 3 Saws, 2 movable; range between stationary and movable Saws 1 3/4 to 24 3/4", and third Saw 4" from second.

No. 4 Champion range is 1 3/4" to 28 3/4", and third Saw 4" from second.

No. 5 Champion range is 1 3/4" to 36 3/4", and third Saw 4" from second.

A fourth Saw can be added to these Heavy Edgers, reducing the extreme opening 4".

The Extra Heavy Champion Edger has a box frame in appearance much the same as the Heavy Edger.

No. 6 Champion has 3 7-16 mandrel, with 5 Saws—2 stationary, 3 movable—divided press rolls, for two men to edge at once; two movable guides on front table. Greatest width between first and second Saws, 34 inches.

No. 7 Champion has 3 7/8 steel mandrel, with 6 Saws, and otherwise same as No. 6.

All the latest ideas in Direct Steam-Driven Log and Lumber Handling Machinery.

Steam Drag Saws.

Sole Manufacturers in Canada of the Allis Band Mills, Plain and Telescopic.



WATEROUS

Brantford, Canada

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