

WATEROUS ENGINE WORKS, BRANTFORD

SOLE CANADIAN REPRESENTATIVES OF

GANDY'S

Made in 4, 6, 8 and 10
Ply Thickness.

Any Length without joint.

Endless, if desired.

Any Width to 60 inches.

Four Ply is as cheap as good leather belting,
stronger, runs truer, does not stretch, is not
affected by heat or moisture.

PATENT COTTON BELTING

SPECIALLY SUITED FOR MAIN DRIVING

A SUBSTANTIAL GUARANTEE GIVEN WITH EVERY

MAIN DRIVING BELT

THE BEST MAIN DRIVING BELT IN EXISTENCE! Send for sample and quotations, stating work belt has to do. Replace all troublesome belts with the GANDY.

SOLID WOVEN COTTON BELTING, also kept in Stock.

EWART LINK BELTING, for Elevators, Conveyors, &c. Send for Catalogue.

AMERICAN SAWS!

SAVE YOUR TIMBER

By using THIN SAWS!

16 Horse-Power Sawmill, driving a 48-in. 10-Gauge Trenton Saw.

GEORGE A. DOUGHERTY writes from Leamington, Ont., 12th May, 1883:

Gentlemen,—I would say that my 16 horse-power Champion Engine drives the thin saw, 48 inches in diameter, 8 and 10 gauge, with 40 teeth, (No. 2 Trenton short teeth), admirably. Our speed is 360 revolutions of the saw per minute. We have sawn over 50,000 feet of white ash in ten days; often having to stop on account of belt breaking, never hurrying at all, but taking great pains to saw the lumber to the best advantage; nor did we commence before seven a.m. or work after six p.m. During this time the saw has not made one bad run, or spoiled one foot of lumber, or once been hot. In maple, black ash or elm, I can, without pressing matters at all, cut 600 feet per hour into inch boards. One half day, running from eight a.m. till 12 noon, we sawed bill stuff, 1 in. x 12 in. and 2 in. x 4 in., 12 feet long; and joints 2 in. x 5 in. and 2 in. x 7 in., 22 feet long, making no effort to work fast, yet we cut 3,053. When cutting into inch lumber, we save at least 1,000 feet in every 16,000; besides, we cut more than when using the 5 and 7 gauge to amount to at least \$5.00 per day for sawing. If our belt could stand it, we could run most of our time on 3½ inch feed. I think I would have no difficulty in running a 10x12 gauge.

9-Gauge Damascus Tempered Saw gives best of Satisfaction.

A. CALDWELL & SON write from Almonte, 12th June, 1883:

The saw we got from you recently (60 inch solid 9 and 9 gauge 60 teeth Emerson Damascus tempered saw) is giving the best of satisfaction, and is undoubtedly a great saving of lumber compared with the heavy gauge saws we used last summer, and runs with less strain on our engine, it being rather too small for the work it has to do. Send us by express a new Dominion Gummer and an Elliott 1880 Lacocutter.

Damascus Tempered 60-in. 10-Gauge Saw on 6-in. Feed.

RALPH MATHER writes from Ruscom, Ont., May 14th, 1883:

I have yours of the 10th inst., and in reply would say, that the 60-inch 10 gauge solid saw I bought from you gives every satisfaction. The inserted tooth saw I have is gauge 5. The new saw cuts nearly an 8 less kerf, and saves about 1,000 in 10,000, makes better lumber, and runs with one-third less power. Where a high and uniform speed can be obtained, a good sawyer will have no trouble with one of the same size as thin as gauge 12 at the edge. I feed this one as high as 6 inches to each revolution in sycamore.

60-in. Lumberman's Clipper 10-Gauge Saw.

SMON PROCTOR, sawyer and manager for W. C. V. Hall & Co., Quebec, writes from Lyster Station, Quebec, November 19, 1883:

The Lumberman's Clipper, 60-inch Saw that I ordered from you is giving the best possible satisfaction. I have been running it six weeks in large Rough Twist Spruce Logs, and must say it does better work than any other saw I have ever run, and it takes less power to drive it than any saw of same size with less teeth and thicker blade. I run it on one of your 30 horse-power Portable Mills—Locomotive Boiler—and have cut 50 logs with it without using a wrench on either arbour or guides, without filing, and never made a bad board, all inside of four and a half hours. You need not be afraid to recommend that kind of a saw to your customers.

Send for Sawyers' Hand Book; Illustrated Saw Circular; Large Lithograph to hang in your Mill.

Waterous Engine Works Company, Brantford, Canada