

How Much of Your Power is Wasted ?

¶ During 1895-96 a series of experiments were conducted by Prof. C. H. Benjamin, of Cleveland, Ohio, to determine the ratio of the power required to drive shafting and belts, to the total power consumed, in 12 manufacturing plants on both light and heavy work. ¶ The results were as follows :

TABLES

Manufacturing Plant Number.	Total Horse-Power.	Horse-Power to drive Shafting.	Per Cent. to Drive Shafting.	Manufacturing Plant Number.	Total Horse Power.	Horse-Power to Drive Shafting.	Per Cent. to Drive Shafting.
1.....	400	157	39.2	7.....	40.4	20.7	51.2
2.....	74	57	77	8.....	74.3	40	53.8
3.....	38.6	25.3	65.6	9.....	47.2	24.5	51.8
4.....	59.2	47.9	80.7	10.....	190	108	56.9
5.....	112	64	57	11.....	107	74.5	69.7
6.....	168	91	54.2	12.....	241	114	47.3
Average, heavy machine work,	62.3	Average, light machine work,	55.1

75 per cent. saving is what we guarantee on shaft friction.

Over 200 of the leading Canadian factories are equipped with Chapman Double Ball Bearings.

Send for Catalogues and Letters from Manufacturers who have them in use.

THE CHAPMAN DOUBLE BALL BEARING CO. OF CANADA, LIMITED

Office—39 Scott St., Factory—39 Pearl St., TORONTO.

IRON

Bars in Flats, Rounds, Squares,
Ovals, Half-Ovals, Half-Rounds
and Bands.

Also Wrought Washers.
Good Quality—Prompt Shipment.

LONDON ROLLING MILL CO.
LIMITED
LONDON, CANADA.

STEEL

Canadian White Company, Limited

SOVEREIGN BANK BUILDING, - MONTREAL, CANADA

ENGINEERS and CONTRACTORS

— FOR —

Steam and Electric Railroads; Electric Light and Power Plants; Building Construction;
Water and Gas Works; Docks, Harbor Works, etc., etc.

CORRESPONDENTS

J. G. WHITE & COMPANY, INC.,
New York City,

J. G. WHITE & COMPANY, LIMITED
London, England.

WARING-WHITE BUILDING CO.,
London, England.

When writing to Advertisers kindly mention THE CANADIAN MANUFACTURER.