

CEMENT PRODUCTION IN CANADA.

The Mines Section of the Geological Survey Department of Canada has received from the manufacturers complete returns of the production of Portland cement in Canada for 1906.

Mr. E. D. Ingall, the Mining Engineer, informs the "Canadian Cement and Concrete Review" that a statement was compiled and issued within a few hours of the receipt of the last return from the manufacturers. The Mines Section of the Department is to be complimented on such a notable departure from the traditions concerning the publication of Government statistics. It would not be surprising to know that this statement is the first ever issued from a Government Department within a few hours of the receipt of the complete figures.

"The Canadian Cement and Concrete Review," of Toronto, will publish in the March issue, to appear on Friday, some interesting statistics regarding the production of Portland cement in Canada. The figures have been compiled by the statistician to the Mines Section of the Geological Survey of Canada. The editor of the journal in question has supplied the Monetary Times with a copy of the figures, which are as follows:—

The total quantity of Portland cement manufactured was 2,152,562 barrels as compared with 1,541,568 barrels in 1905, an increase of 610,994 barrels or 39.6 per cent. The total sales of Portland cement were 2,119,764 barrels as compared with 1,346,548 barrels in 1905, an increase of 775,216 barrels, or 57.4 per cent.

Fifteen companies were operating plants during 1906, with a total daily capacity of about 10,500 barrels, namely: one in Nova Scotia; two in Quebec; eleven in Ontario; and one in British Columbia. At least four plants were under construction during the year, of which the total initial daily capacity will be about 4,700 barrels.

Detailed statistics of production in 1905 and 1906 are as follows:—

	1905. Bbls.	1906. Bbls.
Portland cement sold	1,346,548	2,119,764
Portland cement manufactured....	1,541,568	2,152,562
Stock on hand 1st January	111,446	269,558
Stock on hand 31st December	306,466	302,356
Value of cement sold	\$1,913,740	\$3,164,807

Some companies do not take stock at the end of the calendar year, consequently their estimates of stock on hand do not always agree from year to year.

The average price per barrel at the works in 1906 was \$1.49 as compared with \$1.42 in 1905.

The imports of Portland cement to Canada in 1906 were:

	Quantity. Cwt.	Value.
Six months ending June.	945,187	\$319,021
Six months ending December....	1,485,573	459,685
The year 1906	2,430,760	\$778,706

This is equivalent to 694,505 barrels of 350 pounds each at an average price per barrel of \$1.12. The duty is 12½c. per hundred pounds.

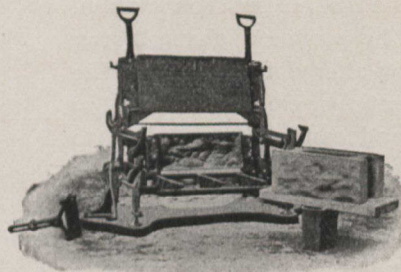
The imports in 1905 were equivalent to 917,558 barrels valued at \$1,138,548, or an average price per barrel of \$1.24.

There is very little cement exported from Canada. The consumption is therefore practically represented by the Canadian sales together with the imports.

The following is an estimate of the consumption of Portland cement in Canada for the past six years.

Year.	Canadian. Bbls.	Imported. Bbls.	Total. Bbls.
1901	317,066	555,900	872,966
1902	594,594	544,954	1,139,548
1903	627,741	773,678	1,401,419
1904	910,358	784,630	1,694,988
1905	1,346,548	917,558	2,264,106
1906	2,119,764	694,503	2,814,267

The "Miles" Concrete Building Block Machine



FACTS

THE MILES MAKES

All stone face down.

All stone on one size pallet.

Forty (40) different sizes of stone.

Five (5) different widths of stone, 4, 6, 8, 10, 12 in.

Eight (8) different lengths of stone, 4, 6, 8, 10, 12, 16, 20 inch.

Three (3) different heights of stone.

Water table stone.

Gable stone.

Angle stone for bay windows.

Pier stone.

Stone for all size chimneys.

Circle stone, from 4 to 32 ft. diameter.

Hollow stone.

Solid stone.

Veneer stone.

WITH THE MILES MACHINE

You tamp directly on face of stone.

You can use a finer and richer facing.

You can use a colored facing.

You can use a coarser material for the body of stone.

You can use a very wet mixture for the body of stone.

You can make a single or double air space.

You can make a continuous air chamber.

You can lay up a double wall.

You can veneer a frame building.

You can adjust to meet the architect's plans.

**You can have these facts proven to you
before you buy.**

Vining Bros. Mfg. Co.
Niagara Falls, Can.