

A portion of one of the fifteen buildings of the Grand Rapids Refrigerator Co., Grand Rapids, Mich., the entire plant being built of Ideal Concrete Blocks.



## For Massive Buildings and Heavy Loads

Ideal Concrete Block Machine has been almost universally adopted by contractors and builders throughout the world. The interchangeable features of the Ideal Machines make it possible to rapidly and economically produce concrete blocks for every building purpose, from the most massive construction to daintily beautiful styles of architecture. The same machine makes blocks of any length within capacity, any angle, 4, 6, 8, 10 and 12 inch widths, 4, 6 and 8 inch heights, and any desired design of face.



Two Sizes: Model "A" 16 in. Length.

Model "B" 24 in. Length.

## IDEAL Face Down Interchangeable Concrete Machines

In addition to the Interchangeable Ideal Concrete Block Machine, we have a complete line of Concrete Machinery, including Mixers, Sill and Lintel Machines, Brick Machines, Ornamental Column, Spindle, Ball, Side-walk, Step and Sill Molds. Our Catalogue, magnificently illustrated, is the most complete and practical encyclopedia ever published on concrete and allied interests. Contains information of vital importance to Architects, Contractors, Builders and those who manufacture Concrete Stones. Sent free on application.

IDEAL CONCRETE MACHINERY CO.  
211 Mill Street, South Bend, Ind.

IDEAL CONCRETE MACHINERY CO., Limited  
211 King St., London, Ontario, Canada

CANADIAN SALE AGENTS  
Mussens, Ltd., Montreal, Quebec, Toronto, Winnipeg, Vancouver

## GERMAN ALSEN, at higher prices than competitors has again this year been awarded the most important contracts of the World because practical tests by leading Engineers proved its merit and relative economy. Note the following:

MEXICO CITY (shipping instructions so far 60,000 bbls.) approximate amount  
MEGAXA DAM 175,000 bbls.  
XOCHIMILCO WATER WKS., MEX. approximate 200,000 bbls.

1905-1906  
120,000 bbls.  
175,000 bbls.  
200,000 bbls.

U.S. PHILIPPINE GOVMT. ORDER  
GOVMT. ORDER SOUTH AMERICA  
RIO DE JANEIRO, SATO'S, ETC.

1905-1906  
40,000 bbls.  
150,000 bbls.  
40,000 bbls.

Also enormous quantities for the PACIFIC COAST, AUSTRALIA, ENGLAND, SOUTH AFRICA, &c.  
There is always a certain trade who will pay for the best. We also make American Alsen, the highest grade of domestic Portland cement.

**CEMENT**

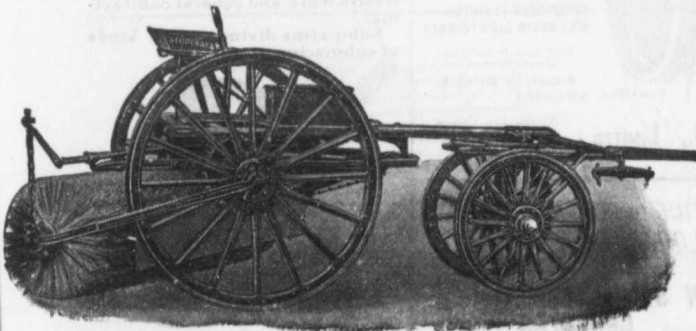
45 BROADWAY, NEW YORK CITY  
We protect our customers!

**CEMENT**

We extend to our Patrons and Friends the  
Compliments of the Season

❖ ❖ ❖

## Georgian Bay Engineering Works MIDLAND, ONTARIO



Stackpole Patent improved **Street Sweeping Machine** Is the Standard of Perfection

BECAUSE no sweeper so effectually does the work for which it is designed as "The Studebaker." It sweeps clean. No sweeper is constructed with the same degree of care and mechanical precision. It wears well. "The Studebaker" has the smallest number of working parts, and has less gearing than any other sweeper made. It is free from all unnecessary complications. With reasonable care it does not get out of order. Send for complete descriptive catalogue.



**Studebaker Sprinkler**  
(PATENT IMPROVED.)

Does not clog or get out of order. Greatest width of spray  
Can be graded from driver's seat to any volume.  
We also make an . . .

**IMPROVED VERTICAL SPRAY**  
for Pavements

Geo. Heaman, Mfr., London, Ont.