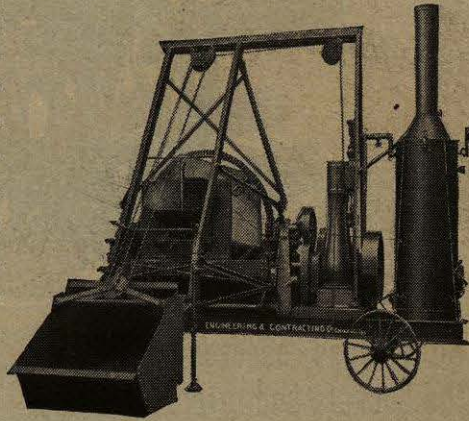


SINCE CONCRETE WAS FIRST MIXED

IN MACHINE MIXERS, THE CUBICAL
DRUM MIXER HAS BEEN COUNTED
AMONG THE LEADERS

The reason for this is worth thought. For years after other forms of mixers, with greater speed and more conveniences, began to appear on the market, the old style cubical drum mixer still held rank. It was crude, mechanically; it had to be stopped to receive and deliver its charge; it was cumbersome; but it was able to compete with newer machines. Why? *Because it mixed a remarkably uniform and perfect concrete.*



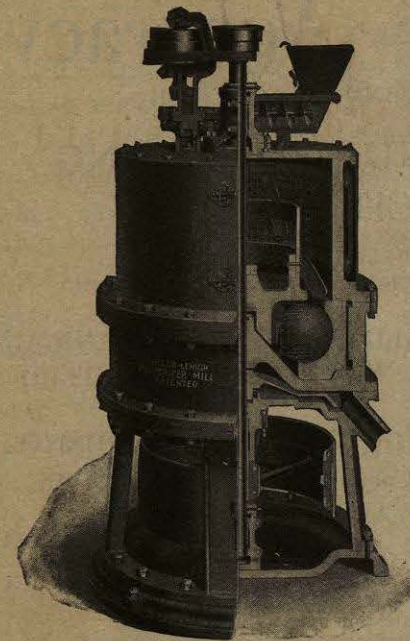
All that the old style cubical drum mixer lacked in mechanical superiority has been supplied in the CHICAGO IMPROVED CUBE MIXER.

It is speedy. It is convenient. It is strong and durable.

In all these respects, and in a score of others, it is the equal or superior of any mixer on the market, and, in addition, *it mixes a more uniform and perfect concrete* than can be mixed in any way other than with a cubical drum.

The cube principle of mixing produces the most perfect concrete that can be mixed—the Chicago Improved Mixer gives the cube principle in all its perfection plus high output and low cost as a working mechanism. Write for catalogue No. 14.

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CEMENT HAVING A
HIGHER PERCENT-
AGE OF IMPALPABLE
POWDER THAN CAN
BE OBTAINED BY ANY
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Tests show that the tensile strength of a 1-4 mortar made with cement pulverized by the Fuller Mill is higher than the tensile strength of a 1-3 mortar made with cement pulverized to the fineness required by the Standard Specifications.

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See page 713 for illustration of weighing machine.

Effective proportions of

HYDRATED LIME FOR WATERPROOFING CONCRETE

are as follows:

	Cement	Sand	Stone						
For	1	2	4	add	8%	Pine Cone	Hydrated Lime		
"	1	2½	4½	"	12%	"	"	"	"
"	1	3	5	"	16%	"	"	"	"

These percentages are based on the weight of the dry hydrated lime to the dry Portland Cement.

CEMENT-LIME MORTAR FOR MASONRY CONSTRUCTION

3 bags (300 lbs.) Pine Cone Hydrated Lime
2 bags (190 lbs.) Portland Cement
5 bbls (1800 lbs.) Sand

Note what is said on the above subjects in this book, pages 154d and 342

ROCKLAND-ROCKPORT LIME CO.

ROCKLAND, ME.

NEW YORK
FULLER BUILDING

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24 MILK STREET

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Inside fastened, reinforced edges and center, flexibly troughing and non-hardening conveyor belting that equals the duty of rubber belting at half its cost. Made by the National Belting Company of Lawrence, Mass., with Chicago, Pittsburgh and Scranton branches, whose specialized skill are always at the service of inquirers. Rugged transmission belting of similar patented construction and equal merit to the conveyor belting. Both are made to suit the peculiar conditions and save the money of cement works and quarries.

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Little Falls Mechanical Shaker

for the agitation of nests of one to twelve sieves in the Mechanical Analysis of Concrete Aggregates as described on page 188. For particulars write

BENJAMIN EASTWOOD COMPANY
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WATER-TIGHT CONCRETE

Competent Engineers agree that the only method of rendering concrete WATER-TIGHT is by filling the PORES of the WHOLE MASS. This can best be accomplished by using

LIMOID (Hydrated Lime)

CEMENT MORTARS are made MORE PLASTIC, trowel more easily, and CARRY MORE SAND when LIMOID is used. See pages 154d and 342.

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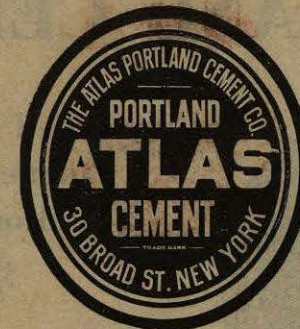
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