

# The "Liner" Patent Sand-lime and Concrete Mixer.

Guaranteed to mix with 100% efficiency

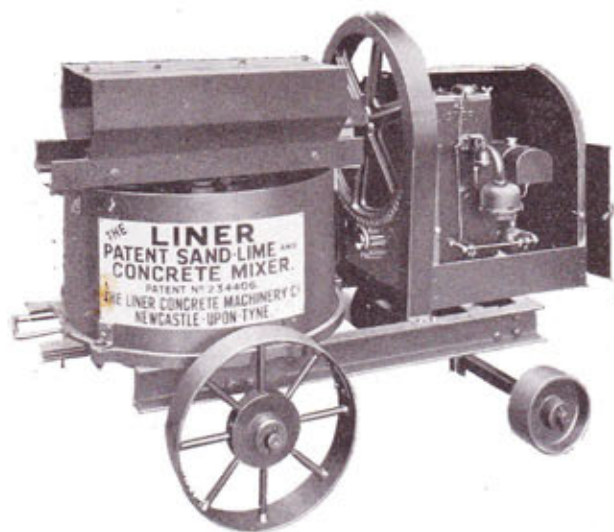
SAND-LIME AND SAND-CEMENT MORTAR.  
SEMI-DRY OR SEMI-PLASTIC CONCRETE.  
FACING MATERIALS FOR CONCRETE PRODUCTS.

Guaranteed to crush and mix in one operation

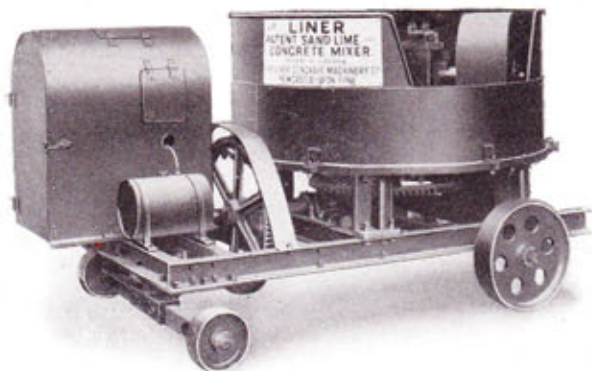
BREEZE, CLINKER, Etc., FOR SLABS AND BLOCKS.

Made in 4 sizes, 2' 6", 4' 6", 5' 6" and 6' 0" diameter Pans, either portable or fixed, direct-driven by Petrol Engine or Electric Motor, or fitted with fast and loose pulleys for belt drive.

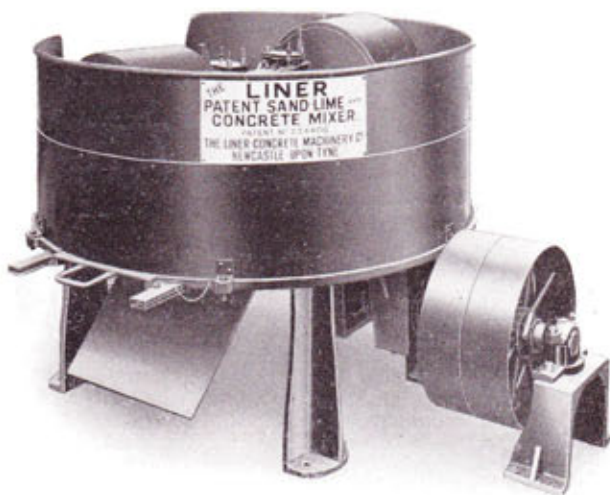
The 0 size Machine, with 2' 6" diameter Pan, is the ideal machine for mixing haired plaster and facing materials for concrete products!



No. 0 Size, with 2' 6" diameter Pan, direct-driven by 1½ H.P. "Lister" Petrol Engine in Steel Housing, with lift-off sides—one side removed. Total weight 15 cwt. Keeps 12 to 15 bricklayers supplied with sand-lime mortar.



No. 1 size, with 4' 6" diameter Pan, direct-driven by 3 H.P. "Lister" Petrol Engine, in Steel Housing, with lift-off sides. Total weight, 30 cwt. A thirty bricklayer unit, with one operator.



No. 2 size, with 5' 6" diameter Pan, fixed model, requiring 7 H.P. to drive. Total weight, 35 cwt. A 60 bricklayer unit, with two operators.

## The Liner Concrete Machinery Company,

Telephone: CENTRAL 256.  
Telegrams: "SCREENS," Newcastle-on-Tyne.

70, GLASSHOUSE BRIDGE, CITY ROAD,  
NEWCASTLE-UPON-TYNE.

LONDON OFFICE:  
Lincoln House, 18, Victoria Street,  
Westminster, S.W.1.  
Telephone: VICTORIA 6185.

[P.T.O.]

# The Liner Patent Sand-Lime and Concrete Mixer.

## THE MACHINES ADVANTAGES AS

### (a) Sand-Lime and Sand-Cement Mortar Mixer.

It is guaranteed to mix sand-lime and sand-cement mortar with 100% efficiency.

A No. 1 size with 4' 6" diameter pan will provide sand-lime mortar for 30 bricklayers and at the same time cut out three workmen compared with hand-mixing and screening.

Hand-screening is absolutely obviated, as the machine, during the mixing operation, breaks down any small pebbles in the sand or lumps in the lime.

The materials are thoroughly kneaded together resulting in a mortar of a rich consistency which the bricklayer appreciates.

All waste mortar is remade.

The operation is a very quick one as the mortar is discharged through a large door in the pan bottom.

The machine costs practically nothing to run. As an instance, the No. 1 size, portable model, is fitted with a 3 H.P. "Lister" Petrol Engine, and can be worked all day for a shilling or two.

Portability is another great feature. The No. 1 size only weighs 30 cwts. and can very readily be moved about the building site.

The machine positively prevents blowing or "butterflies" inside the building.

### (b) Semi-Plastic Concrete Mixer.

Mixes semi-dry, semi-wet, or semi-plastic concrete with 100% efficiency without the slightest possibility of balling or separation of materials. For the mixing of facing materials it cannot be equalled, as it not only thoroughly mixes them but kneads them together.

Crushes breeze, rough clinker, and similar materials to any required size at the same time as it is mixing them, thus cutting out all necessity of having a breaker and screen.

Easily saves 10 to 15% of cement over any other method of semi-plastic mixing, besides giving one an all-round better concrete product.

## THIS IS WHAT SATISFIED CUSTOMERS SAY:—

JAMES HOBSON & SONS, LTD.,  
NOTTINGHAM,  
27th April, 1929.

Liner Concrete Machinery Company,  
Newcastle-upon-Tyne.

DEAR SIRS,

We enclose herewith a further repeat order for one of your Sand-lime Mortar Mixers, No. 1 size, portable model, and shall be obliged if you will have same despatched at your earliest to our Rotherham Housing Scheme.

Your last three machines on this particular job have been keeping approximately 100 bricklayers supplied alternatively with sand-lime and cement mortar, and we should like to take this opportunity of expressing our appreciation of a machine, which, in our opinion, no Contractor can afford to be without.

The machines are extremely portable, turn out most excellent mortar, and what is more important, have not given a minute's trouble.

As you are aware, we commenced this scheme of 300 houses in early March this year, and we would say that your machines will go a long way to help us complete same by September 30th, 1929.

Yours faithfully,  
(Signed) For JAMES HOBSON & SONS, LTD.

"AVOCA,"  
15, BRANKINGHAM TERRACE,  
NORTON-ON-TEES.

Messrs.

The Liner Concrete Machinery Company,  
Glasshouse Bridge,  
City Road,  
Newcastle-on-Tyne.

DEAR SIRS,

Having purchased one of your No. 1 size Sand-lime and Concrete Mixers, I have pleasure in testifying to its utility.

I am at present erecting forty-eight houses at Ripon, and the fact that one operator—a man of about 70 years of age—is keeping 27 trowels going, speaks for itself.

Furthermore, there is no waste lime, sand, etc., and no re-mixing of lime as is often the case in hand-mixed mortar.

Since starting in the Building Trade—about 30 years ago—I can honestly say that your Sand-lime Mixer is the best investment I ever made.

If this reference is of any use to you, you are at liberty to use same.

Yours faithfully,  
(Signed) P. DUFFY,

STOCKS HELD IN LONDON AND BIRMINGHAM.

For London Store, apply LONDON OFFICE. For Birmingham Store, apply W. C. LACEY, 31, TETLEY ROAD,  
HALL GREEN, BIRMINGHAM. Telephone: ACOCKS GREEN 1338.

[P.T.O.]



# NO ROPES! NO CLUTCH! TROUBLE-FREE RUNNING!



BY APPOINTMENT TO HER MAJESTY THE QUEEN  
MANUFACTURERS OF CONCRETE BLOCK AND  
FIXING MACHINERY



*-That's the*

**LINER**

**HYDRAULIC**

**NON-TILT MIXER**

- ★ No wire ropes, clutch, brake, rope drums.
- ★ Hopper raised and lowered hydraulically.
- ★ Smooth as silk in action.
- ★ Absolutely foolproof loader operation.
- ★ 60° Loading hopper ensures complete discharge.
- ★ Patented 'Invarac' water tank.

*Smooth in operation! Easy to maintain!*

**TWO  
MORE  
MACHINES  
IN THE  
EXTENSIVE  
LINER  
RANGE**



**NIPSKIP**

10 cwt. capacity. Carries the driver and does the work of six wheelbarrows all day at the cost of a few shillings.



**ROUGH RIDER**

The finest 15 cwt. Dumper on the market. Available with choice of Lister or Petter diesel engine & optional two-position skip.

**CREDIT SALE OR HIRE PURCHASE**

All Liner machines can be bought on the best of terms... nine monthly payments for Credit Sale or if you prefer Hire Purchase, one-third deposit with the balance spread over twelve months.

**THE  
LINER CONCRETE MACHINERY  
COMPANY LIMITED**

248, PARK ROAD, GATESHEAD, 8.

Telephone: Gateshead 72501 (7 lines)

Telegrams: "Liner, Gateshead"

London Office & Showrooms:

Abbey Orchard Street, Victoria Street, S.W.1. Phone: ABBey 6185  
Also at Birmingham, Manchester, Liverpool, Bristol, Plymouth, Leeds, Nottingham, Glasgow, Dundee, Belfast.

Please send full details of items marked 'X'

- |   |   |
|---|---|
| <input type="checkbox"/> HYDRAULIC NON-TILT MIXERS  | <input type="checkbox"/> NIPSKIP                |
| <input type="checkbox"/> ROUGHRIDER DUMPER          | <input type="checkbox"/> HOPPER FED T.D. MIXERS |
| <input type="checkbox"/> HAND FED T.D. MIXERS       | <input type="checkbox"/> CUMFLOW MIXER          |
| <input type="checkbox"/> SLAB BLOCK & BRICK MACHINE | <input type="checkbox"/> PORTASAW               |

Name.....

Address.....