

# Exhibition of vibration equipment

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With the increased use of high quality concrete for prestressing and the growing use of factory-made precast units for building construction, vibration as a means of compaction of the concrete is becoming increasingly important and there is a definite desire in the building and civil engineering world for more information on this subject.

The list of research projects appearing elsewhere in this issue shows that there is a good deal of research going on into vibration.

The Cement and Concrete Association decided that one way to help all those interested in the subject would be to arrange a permanent exhibition of vibration equipment. Manufacturers were approached and with their co-operation a large selection of vibrators have been placed on view at the Association's Research Station, near Slough. Immersion vibrators, surface vibrators, external vibrators which can be clamped to formwork, and vibrating tables are all included in the exhibition.

Although it forms part of an exhibition, this equipment does not remain immobile, from time to time the various vibrators are demonstrated in actual use on the Research Station.

The exhibition is open to all interested persons and those wishing to visit the Research Station to see the vibrators should apply to Cement and Concrete Association, 52 Grosvenor Gardens, London, S.W.1. Telephone number Sloane 5255.

A list of the firms which have co-operated and the major items of equipment lent by them is given below. The Association would like this opportunity of placing on record their appreciation of the generosity of the organizations which have made this exhibition possible.

#### A.C.E. MACHINERY LIMITED

- 1 Electric vibrator

#### E.P. ALLAM AND COMPANY LIMITED

- 1 Petrol-driven pan vibrator
- 1 Extra high frequency immersion vibrator with flexible shaft
- 1 Petrol-driven vibrating tamper with anti-vibration handles and steel rollers
- 1 H.F. motor

#### ATLAS DIESEL COMPANY LIMITED

- 1 R.I.F. vibrating hammer fitted with head and pad

#### BROOM AND WADE LIMITED

- 1 Petrol-driven compressor
- 2 Clamp-on pneumatic vibrators
- 1 Pneumatic immersion vibrator

#### CONCRETE VIBRATION LIMITED

- 1 Vibrating table, 6 ft × 3 ft.
- 1 Vibrating table, 1 ft × 1 ft.
- 2 External vibrators
- 1 Vibrating lever

#### CONSOLIDATED PNEUMATIC TOOL COMPANY LIMITED

- 1 Internal vibrator
- 2 External vibrators
- 1 Transformer

#### HOLMAN BROTHERS LIMITED

- 1 Compactor hammer

#### KANGO ELECTRIC HAMMERS LIMITED

- 1 Type F Kango hammer with all tamping and vibrating tools

#### LINER CONCRETE MACHINERY COMPANY LIMITED

- 1 Altex electric vibrator
- 1 Altex transformer

#### MOLINEUX FOUNDRY EQUIPMENT LIMITED

- Low frequency vibrators complete with operating valve

#### RANSOMES AND RAPIER LIMITED

- 1 Pan vibrator

#### RICHARD SCHOLEFIELD LIMITED

- 1 Jolting table

#### WESTOOL LIMITED

- 1 Research type vibrating table
- 1 Production type vibrating table
- 1 Hand vibrator
- 1 Stewart hand vibrator

#### WINGET LIMITED

- 1 Model of standard (70 mm) vibrating spade