

EXTERNAL VIBRATION

VIBCO has supplied the concrete industry with vibrators since 1962. All VIBCO vibrators are made in the United States and are manufactured following one or more of the over 20 VIBCO patents. Highly educated trained engineers and technicians insure top quality as well as the latest innovations in vibration techniques.

WHY USE EXTERNAL VIBRATION:

ECONOMICAL:

- Equipment cost (over the life of the equipment) and labor cost in operating the equipment are much less than that of internal vibrators.
- The new requirements for stronger concrete and the use of more rebars makes it difficult to use internal vibrators.

SAFE:

- The height of columns and walls makes it difficult to use internal vibrators. They do not reach the bottom, get tangled in with the rebars, damage the form sides and do not move the concrete between the rebars causing honeycombing, voids and weak concrete.

LOW MAINTENANCE:

- External vibrators outlast the internals 1:10. They will give years of trouble free service with a minimum of maintenance, as opposed to the high cost of maintenance for internal vibrators.

SAVES LABOR COST:

- The cost for expensive patching crews is virtually eliminated.
- The rebars help to regenerate the vibration throughout the mix insuring no voids and a strong, homogenous concrete.

The following pages will show VIBCO equipment being used successfully on a variety of walls and columns. VIBCO's application engineers are also available to help you select, size and place vibrators on your form.

NOTE: Page numbers under "Equipment Used" refer to pages in VIBCO's "*Handbook & Equipment Guide to External Concrete Vibration*" catalog.