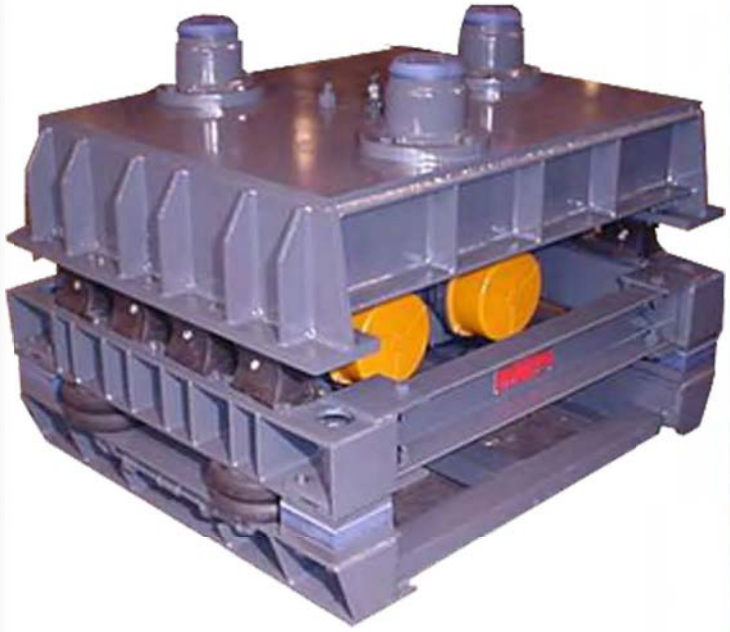
COMPACTION TABLES

Superior material densification for loads up to 100,000 pounds

Fast, precise mold preparation is a major contributor to lower costs, higher quality, less scrap, and improved profits. For almost a half century, GK has applied innovative design and rugged construction techniques to produce unique vibrating equipment for foundry applications.



Compacted no-bake sand molds produce the ultimate in casting finishes

The constant, controlled agitation produced by a General Kinematics compaction table optimizes sand density and grain position.The resulting hard mold promotes fault-free pattern stripping, and delivers better casting definition with improved surfaces. There are no production delays because of hand-tucking and sand ramming operations are eliminated.

Mold quality is developed by completely uniform sand density from bottom to top

The most demanding requirement of compaction table operation is achieved with General Kinematics' exclusive Variable Force Control system. As the flask is filled, acceleration and/or amplitude of the table continually change to compensate for the additional load. Electronic accelerometers and a control logic system sense the varying load conditions and adjust the drive output to maintain uniform mold density.This is a unique feature of General Kinematics compaction tables.

Superior drive systems, automated control features, exceptionally rugged construction...these compaction table exclusive features are typical of the design leadership you will find in GK's vibrating equipment throughout the foundry. It's the kind of know-how that keeps General Kinematics...number one in vibrating equipment.

GENERAL KINEMATICS CORPORATION
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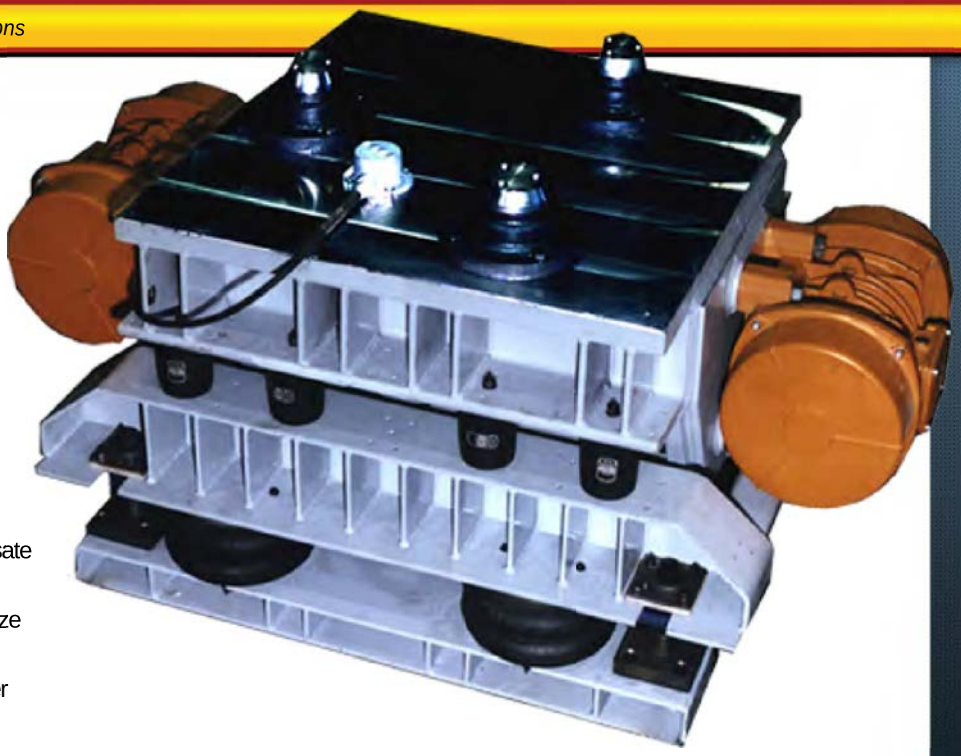
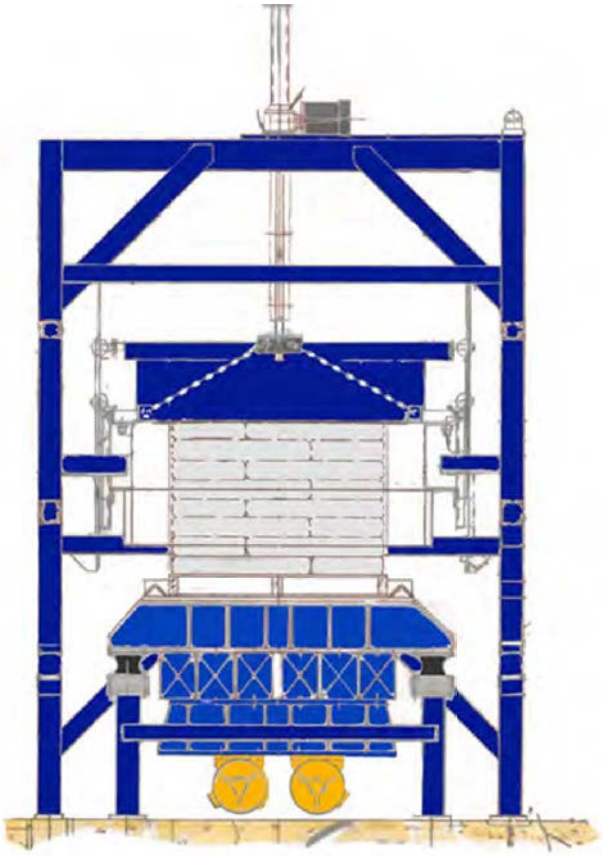


Features:

- ✓ Low profile, compact, single-mass systems ideal for use with roller conveyor lines
- ✓ Rugged two-mass tables capable of compacting 50-ton loads with less than 10hp
- ✓ Load sensing feature to automatically compensate for changing mold weight
- ✓ Fully sealed motors and drive system to minimize maintenance
- ✓ Extra heavy construction to assure rigidity under load and to minimize deflection of table surface



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