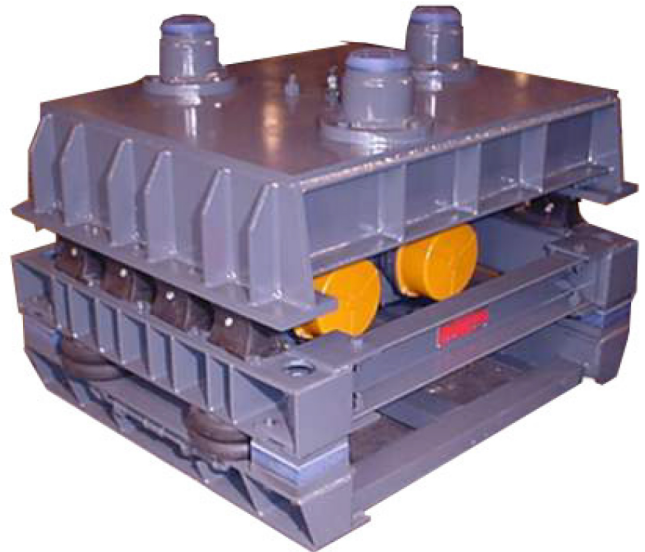


COMPACTION TABLES

Lost Foam and No Bake Molding techniques demand superior mold compaction in order to develop casting integrity and maintain profitable production.

General Kinematics compaction tables fluidize sand to obtain optimum sand migration around all pattern surfaces, an important advantage in polystyrene processes involving intricate shapes.

Sand is compacted to maximum density and hardness, producing close tolerance castings with good surface finish. Quality is improved, with less scrap and lower unit costs.

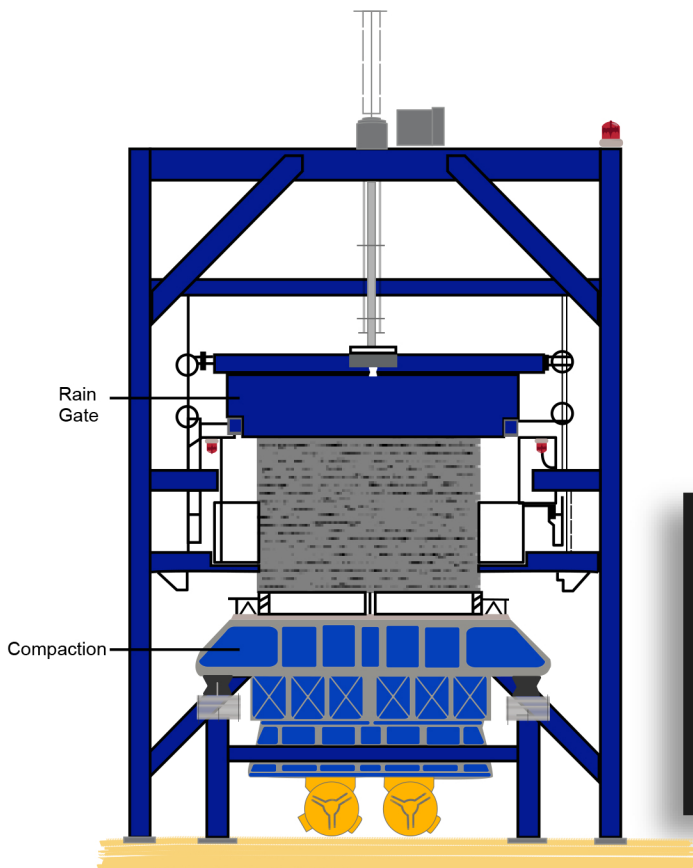


Flask Clamping Eliminated

The stable, three-point flask support has unique, contoured, sound deadening flask fixtures which precisely locate and secure flask during compaction cycle. Separate clamping devices are eliminated, speeding production and eliminating maintenance.

Programmed Operation

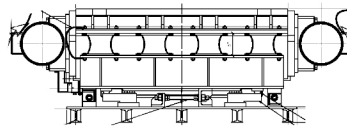
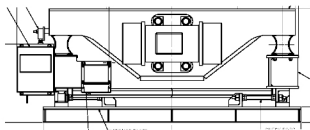
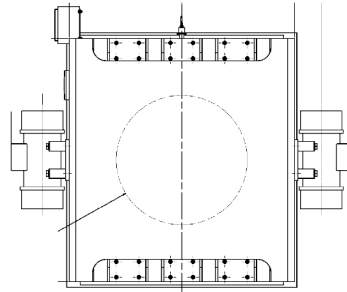
Computerized, variable control is programmed for the vibratory action needed for each specific pattern. As flask fills, integrated feedback automatically compensates for increasing sand weight to sustain desired vibration intensity.



FEATURES:

The stable, three-point flask support has unique, contoured, sound deadening flask fixtures which precisely locate and secure flask during compaction cycle. Separate clamping devices are eliminated, speeding production and eliminating maintenance.

CAD Example



Specs

Function:	Compaction
Components:	Electric Motors, Isolation Springs, Reactor Springs, Steel Construction
Construction Material:	Mild Steel
Power Requirements:	Up to (2) 3 HP (2.24 kW) - (2) 15HP (11.19 kW)
Width:	Design per application
Length:	Designed per application
Weight:	500lb. to 30 tons
Analysis:	Fatigue, FEA, Stress
Production Volume:	Built to Order
Benefits:	Efficient, Low Maintenance, Reliable, Rugged, Safe Operation, Large Processing Rates
Secondary Services:	Customer Support, Field Service, Additional Features
Quality:	ISO Certified

Application Photos

