

Activation Technology from General Kinematics

Standard Bin Activators

General Kinematics Standard Bin activators are designed to feed and meter bulk materials. GK's non-compacting "first in – first out" design discharges material without particle deterioration, and eliminates many of the bridging and ratholing issues found in other forms of bin activation.

Hula-Hopper® Bin Activator / Feeder

The General Kinematics Hula-Hopper is an improved vibratory equipment concept based on operating principles proven in thousands of General Kinematics installations. Within a single, extremely low headroom unit, Hula-Hopper combines material activation, infinitely variable flow rate control, and positive flow shut-off. Yet installation, service, and operating costs are dramatically lower than for comparable systems.

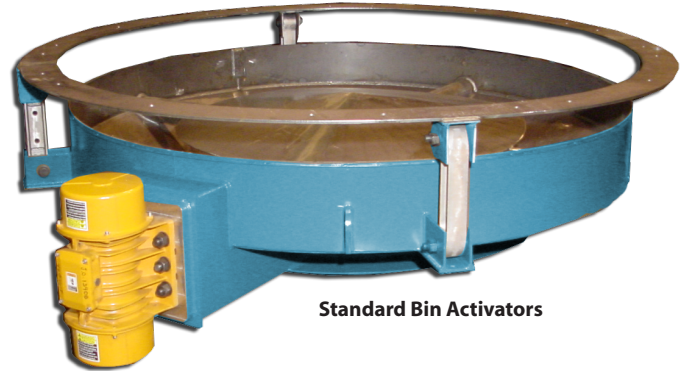
Hula-Hopper eliminates many problems associated with more complex, brute force vibratory machinery because of its simplified operating design. As a two-mass vibratory unit, Hula-Hopper uses a low-horsepower motor drive, therefore electric power needs are minimal. Orbital action eliminates compacting and bridging because only material drawn out is activated.

VIBRA-FLOW® Activator / Feeder

Vibratory bulk material reclaim has never been so dependable or versatile for rates up to 3,000 tons per hour or more depending on the product. The VIBRA-FLOW activator / feeder combines the material delivery of tandem enclosed feeders with integrated pile activation, all driven by a single, low horsepower vibratory drive. Precise flow control can be adjusted electrically through a VFD, or pneumatically using General Kinematics Variable Force (VF) wheels. Since the unit discharges material vertically to the conveyor below, loading is always centered and symmetrical. This feature helps to eliminate belt tracking problems common to side feeding.

The VIBRA-FLOW also helps eliminate bridging and issues found with other bin or pile activators, using significantly larger hopper openings to the material pile. Standard and specially engineered sizes are available.

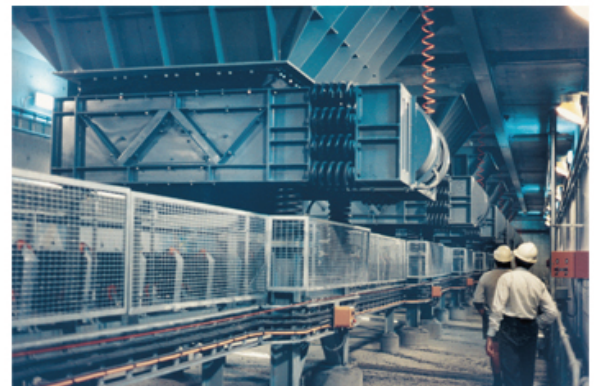
3-in-1 Design: The Vibra-Flow combines two feeders and a pile activator into a single, low-headroom unit, significantly reducing both tunnel width and height requirements. This reduction in tunnel size provides considerable cost savings during construction, while maintaining access for inspection and maintenance.



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