



VIBRA-MILL®

Vibratory Batch Sand Reclamation

Fast, efficient reduction of no-bake sand lumps

for improved reclaim & less downstream costs.

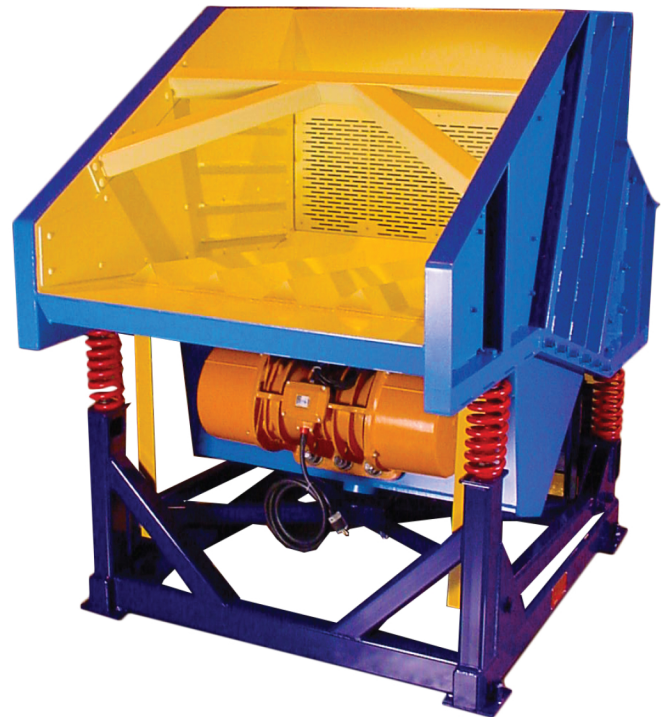
Superior lump reduction of no-bake, chemically bonded sand has become synonymous with General Kinematics VIBRA-MILL®. Standard models with production rates to 20 tons/hour are easily installed in new or existing reclamation systems.

Superior Design

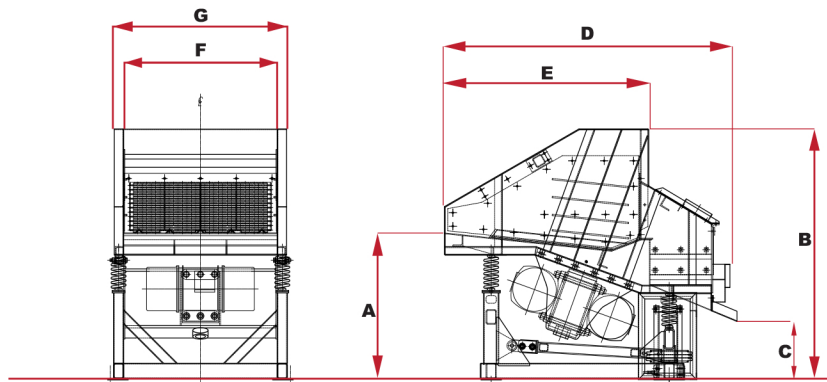
VIBRA-MILL® is a highly efficient lump breaker and attrition mill that can eliminate the need for larger and more costly equipment. Proven in hundreds of foundry installations, it improves production rates and reduces costs for material handling and new sand. Probably equally important, VIBRA-MILL® recovers valuable non-ferrous materials when used in aluminum, bronze, brass and special alloy applications.

Features

- Superior lump reduction to 20 mesh maintains original grain size & distribution
- Final sizing screen separates ceramic and metallic particles, producing clean sand, ready for new mold production
- Air sweep exhaust captures fine organics for better reclaim quality & improved dust control
- Automatic discharge cycle that sequences the motors and pneumatic lift to discharge material that does not grind down.
- Open tub design for easy loading reduces maintenance and eliminates the need for manual cleanout
- Small equipment foot print conserves valuable floor space (largest model requires only EIGHTY sq. ft)
- Dual counter rotating drive system with dust-tight self contained motors reduce maintenance and promote long service life



HIGH ENERGY VIBRA-MILL® BASIC SIZING CHART

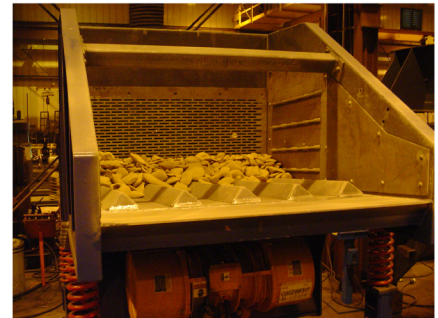


Model	Rated Capacity	A	B	C	D	E	F	G	Power Required (kW)	Approx. Ventilation (m³/HR)
		(mm) (in)	(mm) (in)	(mm) (in)	(mm) (in)	(mm) (in)	(mm) (in)	(mm) (in)		
HE VM 27	7.5 TPH	1400 54	2200 86	700 24	2600 100	1900 72	1100 42	1400 52	4.3 2) 5.8	6796 4000
HE VW-64	15 TPH	1500 58	2500 98	700 27	2800 108	2000 77	1600 60	1800 68	6.5 2) 8.7	10194 6000
HE VM-120	27 TPH	1700 66	2700 106	900 33	2800 108	2000 77	2200 84	2400 92	9.5 2) 12.7	13592 8000

***Conditions that may vary attrition rates:**

- Sand Binder
- Sand to Metal Ratios
- Type of Metal
- Sand Lump Size
- Sand Volume within the VIBRA-MILL®

Application Photos



Brochure No. GKF-11.

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