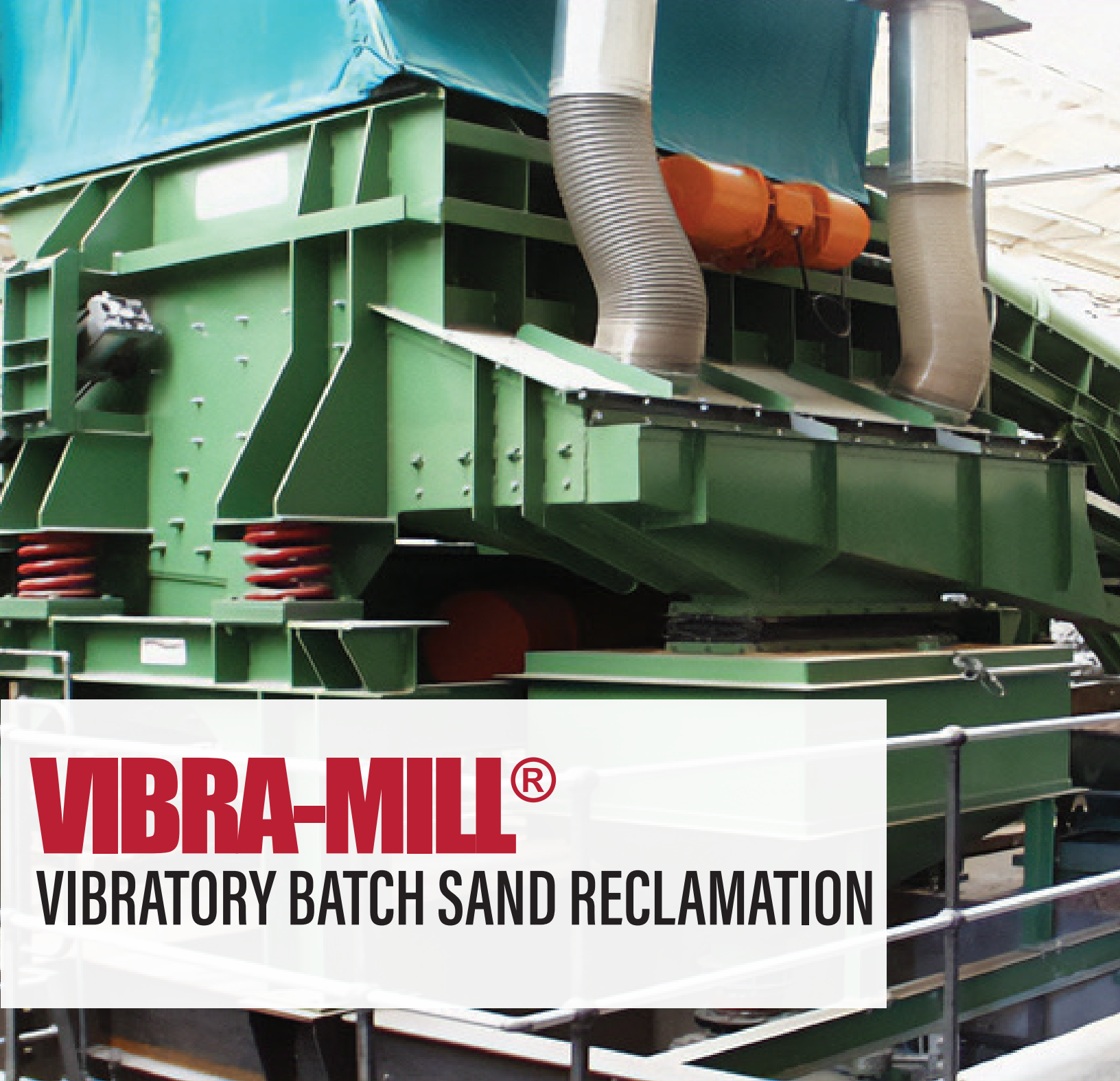


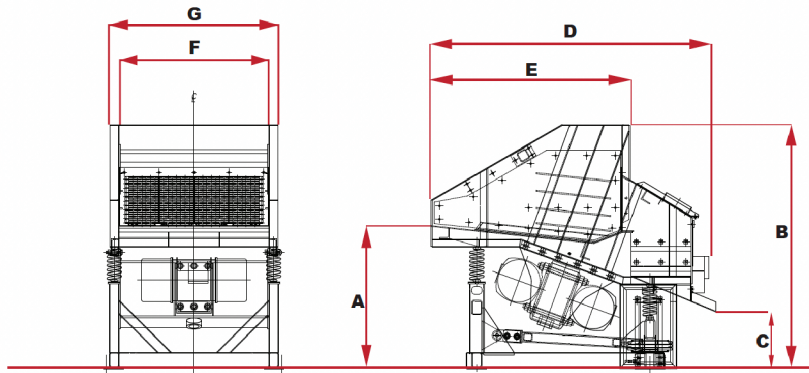


VIBRA-MILL®

VIBRATORY BATCH SAND RECLAMATION

Improved Sand Lump Reduction

The VIBRA-MILL® has proven itself in scores of foundries as both a total attrition mill and as a sand preconditioner. Its sand reclamation efficiency greatly reduces the need to purchase new sand.



Model	Rated Capacity	A (mm) (in)	B (mm) (in)	C (mm) (in)	D (mm) (in)	E (mm) (in)	F (mm) (in)	G (mm) (in)	Power Required (kW) (HP)	Approx. Ventilation (m³/HR) (CFM)
HE VM 27	7.5 TPH	1400 54	2200 86	700 24	2600 100	1900 72	1100 42	1400 52	2) 4.3 2) 5.8	6800 4000
HE VW-64	15 TPH	1500 58	2500 98	700 27	2800 108	2000 77	1600 60	1800 68	2) 6.5 2) 8.7	10200 6000
HE VM-120	27 TPH	1700 66	2700 106	900 33	2800 108	2000 77	2200 84	2400 92	2) 9.5 2) 12.7	13600 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®

Superior Design

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

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

Features & Benefits

- Superior lump reduction to 12 mesh maintains original grain size and distribution.
- Final sizing screen separates ceramic and metallic particles, producing clean sand, ready for new mold production.
- Air sweep and exhaust captures fine dust for better LOI quality & dust control.
- Automatic discharge cycle that sequences the motors and pneumatic lift to discharge overs material.
- Open tub for easy loading reduces maintenance and eliminates the need for manual cleanout.
- Small equipment footprint conserves valuable floor space (our largest model only requires 80 sq. ft).
- Dual counter-rotating drive system with dust-tight self-contained motors reduces maintenance and promotes long service life.