

XHD™ Extra Heavy Duty Electric Vibrators

An economical solution for material-flow problems in bins and hoppers. No more pounding on bins and hoppers with sledge hammers. No more production delays because of clogged storage vessels.

No more clanging of noisy, air driven piston vibrators. MARTIN® XHD Hopper Vibrators are designed and built to withstand the rigors of the industrial environment. So tough we guarantee them for 3 years.



High-Performance Vibrators

MARTIN® Electric Vibrators are designed and built to withstand the rigors of the industrial environment and operate in a continuous-duty cycle. This series is so tough we guarantee them for 3 years even when operated at 100% amplitude setting, in a 24/7 operating environment. Each vibrator is manufactured using the latest automated techniques, ensuring exact bearing and seal fits. Add vacuum-impregnated windings and you have a high-performance vibrator second to none. **Available in single-phase and 3-phase models from 200-20,000 force pounds. 900, 1200, 1800 and 3600 rpms. All of our electric vibrators are available in safety voltage.** **Note:** Vibrators sized for material 50-90 lbs. per cu./ft. with 5% or less moisture content. Contact factory for other material.

FEATURES

Quiet

Operates at 60 - 70 dBA, the same as a standard electric motor. Air driven piston vibrators operate as high as 120 dBA.

Energy-Efficient

Higher force-to-energy consumption ratio than any other vibrator in its class.

Built to Last

Vacuum impregnated windings, o-ring seals, and machined surfaces provide an IP 66 rating to protect against the entry of dirt or water, virtually eliminating the possibility of failure.

Other Equipment & Services

- Mounting brackets, timers, and controls
- Factory-trained installation
- All single phase units contain overload, starting capacitor, switch box and cord standard. All units are available without these components at a reduced price.

Additional Specifications

- Operating Temperature: 3 Phase: -22° - 104° F, 1 Phase: 32° - 104° F.
- Adjustable Output: Weights can be positioned for precise control of force
- Force (maximum): 3500 force-lbs.
- Warranty: 3-years when operated within recommendations
- Included: 115 Volt Single Phase units include switchbox, overload protection, capacitor and cord.
- Totally water tight! Corrosive resistant!

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XHD 1 PH PERFORMANCE DATA

		UNBALANCE	CENTRIFUGAL FORCE	POWER INPUT	MAX AMP DRAW
MODEL	TYPE	IN/LBS (CMKG)	FORCE LBS (N)	(KW)	115
XHD-A1.5T	NEA 50120	2.08(2.4)	384(1706)	0.18	1.52
XHD-A2T	NEA 50200	2.78(3.2)	511(2274)	0.18	1.52
XHD-A5T	NEA 50300	3.47(4)	639(2843)	0.27	2.4
XHD-A8T	NEA 50550	5.99(6.9)	1102(4904)	0.5	4.5
XHD-A12T	NEA 50770	9.55(11)	1758(7818)	0.69	7

PHOTOS



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