



Product News

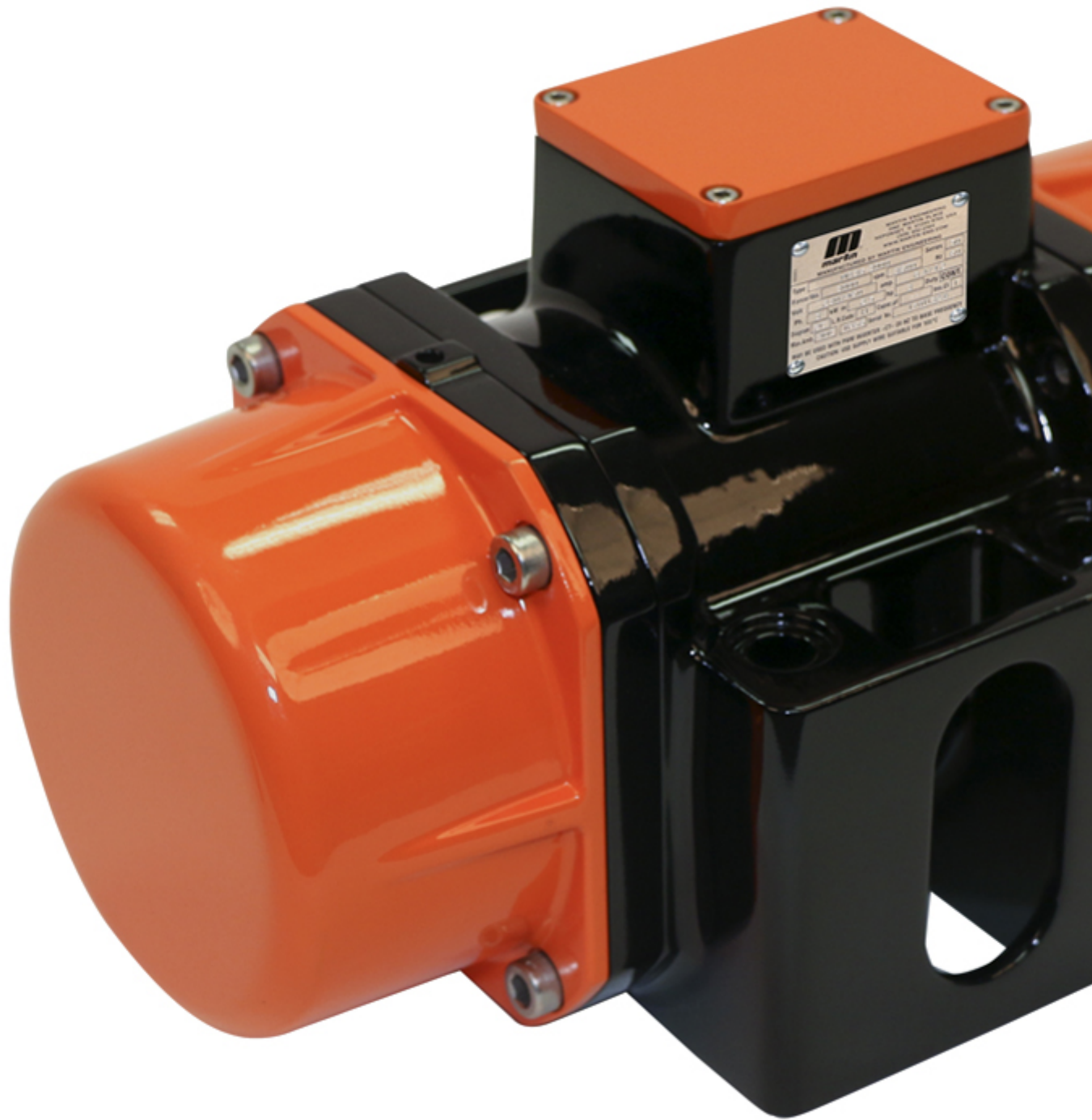
Martin Engineering: Compact Precast Concrete Vibrator: Powerful Performance In Tight Spaces

Edited by on 6. Nov. 2017

Neponset (IL), United States -

Martin Engineering, a pioneer of industrial vibration technology, has introduced a heavy-duty compact electric vibrator that provides superior performance on the inside and outside of small diameter precast concrete pipe form cores. The Martin® MB36-3000 Concrete Form Vibrator offers excellent compaction of the cast for improved material strength. The rugged design has a high force-to-weight ratio and ensures reliability using high heat-rated internal components, allowing the unit to perform consistently under punishing conditions for extended periods. The result is exceptional quality and durability, delivering a lower cost of ownership than comparable vibrators on the market.

“These units solve problems common to the precast industry by delivering as much power on the inside of the smaller diameter core as on the outside,” said **Larry Horrie**, Distributor Manager at **Martin Engineering**. *“By providing consistent consolidation, the vibrator helps operators produce stronger casts with fewer bug holes or voids.”*



The MB36-3000 is engineered to deliver high performance and low cost of ownership

Although it's only 14.4 in (365 mm) wide, the competitively priced MB36-3000 is engineered to be one of the most durable units on the market. By offering an industry-leading 3-year warranty, [Martin Engineering](#) stands behind the value

and dependable performance for which the company's equipment has become known. *"Our customers were requesting this specific type of model for their precast concrete pipe forms, and this design is the result of meticulous research, engineering and testing,"* **Horrie** concluded. *"The efficient, compact design and performance guarantee reflects our commitment to superior construction and a lower life-cycle cost. It also allows our customers to standardize on one unit for a wide range of applications.*The compact design permits easier installation in tight spaces. Able to fit most standard mounting configurations, the 230/460 volt, 3 Phase, 60Hz motor runs at 3450 RPM, allowing the unit to supply a centrifugal force output of 3000 lbf (13.3 kN) using permanently lubricated roller bearings in ductile iron bearing flanges. Adjustable eccentric weights enable operators to customize force, save energy and maximize the life of the vibrator.



The new unit fits standard brackets and delivers a high force-to-weight ratio

To mitigate material accumulation, dust and moisture penetration commonly found in precast applications, the resilient aluminum casing has a smooth gloss coating and covers sealed by O-rings. Internal high temperature Class H windings are able to withstand continual use in a heated, sealed environment, further ensuring reliability. [**Martin Engineering**](#) is a global innovator in the bulk material

handling industry, developing new solutions to common problems and participating in industry organizations to improve safety and productivity. The company's series of **Foundations books** (available free in print and online) is an internationally-recognized resource for safety, maintenance and operations training -- with an estimated 10,000 copies in circulation around the world -- and employees take an active part in **ASME, SME, VDI, CMA** and **CEMA**. The firm also played a pivotal role in writing and producing the 7th edition of the CEMA reference book, **Belt Conveyors for Bulk Materials**. [Martin Engineering](#) products, sales, service and training are available from factory-owned business units in Australia, Brazil, China, France, Germany, India, Indonesia, Italy, Mexico, Peru, Russia, Spain, South Africa, Turkey and the UK. © 2017 **Martin Engineering Company**. All rights reserved. **Martin Engineering** products are protected by U.S. Patents, corresponding foreign patents and patents pending. Additional information can be obtained at www.martin-eng.com/trademarks.