



SRIKKA MOTORS

-Industrial Vibration Motors-

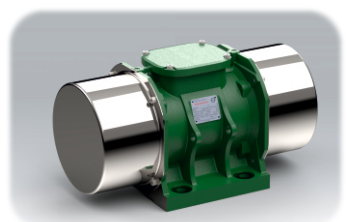
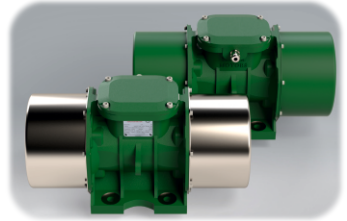


About Us

SRI KANCHI KAMATCHI ENERGY MOTORS PRIVATE LIMITED (SRIKKA MOTORS) is an electric motor manufacturing company, specifically manufacturing industrial electric vibration motors in accordance to international manufacturing standards as well as ASME Y14 quality standards. We implement QFD throughout our processes to maintain product quality at every stage of manufacturing.

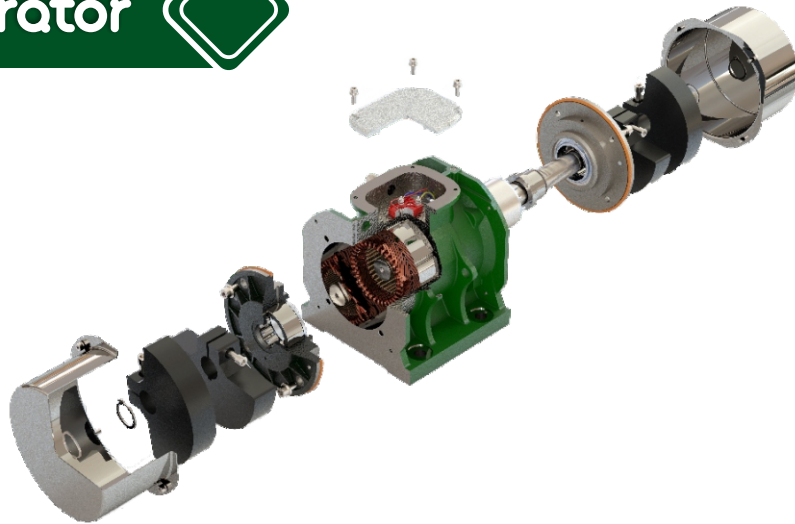
Located in the manufacturing capital of southern India – Coimbatore, Sriikka Motors is progressing and contributing to Make in India with its advanced manufacturing process and 100% native components.

We manufacture electric vibrating motors for various industrial applications on various specific requirements. We firmly believe that 'innovation is the parent of all inventions. The core of the company is the Research and Development department. We have a proven engineering team to deploy advanced engineering concepts in vibration motor technology. With the help of advanced engineering tools on CAD and CAE, we deliver valuable engineering products.



Vibration Motors

Electric Vibrator



Electric vibration motors provides mechanical vibration from centrifugal force through eccentric mass rotation. Sriikka electric vibrators capable of generating centrifugal force from 20kg to 10000kg with several voltage systems. This vibration can be adjustable through the simple eccentric mass adjustment. for the precise material movement and feeding applications, Sriikka electric vibrators provide excellent application oriented service for various industrial applications. from fine material movement to mass hopping operations. Sriikka's Vibrators are providing reliable service through well engineered product.

Technical Features



SG Iron Frame: Rugged spheroidal graphite iron frame provides high tensile strength and durability under heavy loads.

High Tensile Shaft: Special alloy steel shafts withstand dynamic stresses and extend service life.

Cylindrical Roller Bearings: Heavy-duty bearings ensure vibration stability and long operational reliability.

Mechanical Construction

Performance & Control

Centrifugal Force: Adjustable from 20 kg to 10,000 kg depending on application.

Stepless Excitation Adjustment: Vibration force can be tuned by changing eccentric block angles.

High-Quality Copper Windings: Thicker, low-resistance copper reduces I^2R (copper) losses.

Improved Stator & Rotor Design: Optimized lamination with thinner, high-grade steel reduces eddy current and hysteresis losses.

Custom Winding Design: Proprietary winding patterns are optimized to deliver smooth performance curves and consistent vibration output.

Electrical & Magnetic Design

Operational Advantages

Stable Amplitude: Uses strong resistance-type vibration (not resonance), ensuring consistent performance.

Self-Synchronization: Multiple motors can operate in sync without external controllers.

Low Noise & Maintenance: Quiet operation with only bearings requiring periodic attention.

For Enquiry & Customer Support



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