

Invicta Vibrator Motor - TECO Electric Motors Australia and New Zealand

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Invicta Vibrator Motor

Industry Industry

Application Application

Product Energy Efficiency Product Energy Efficiency

Built in Bypass Built in Bypass

kW kW

Voltage Voltage

IP Rating IP Rating

Duty Rating Duty Rating

Constant Torque (kW/A) Constant Torque (kW/A)

Variable Torque (kW/A) Variable Torque (kW/A)

Phases Phases

Poles Poles

Supply Voltage Supply Voltage

Current Rating (Amps) Current Rating (Amps)

Filter Cards List

Image

Model

kW

Poles

Phases

IP Rating

Invicta SFL Flange Mount Vibrators SFL Flange Mount high-quality vibrator is equipped with adjustable out-of-balance weights at both ends, allowing you full control over the vibration intensity, ranging from 0% to 100%. Additionally, for those [VIEW MORE](#) Invicta SFL Flange Mount Vibrators — — — —
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Invicta Vibrator Motor

An Invicta vibrator motor uses unbalanced weights on the motor shaft at each end to create an oscillated vibration. That vibration is transferred to the surrounding structure, whether that's a hopper, chute, feeder, or screen, and it helps to move material along or stop it from sticking.

The key is controlled vibration. Too much and you'll either damage your equipment or accelerate wear. Too little and it won't move material effectively. Weights are fully adjustable from 10% to 100%. Invicta has been making vibrator motors for decades, and their range covers everything from fine powder applications to heavy, wet, and sticky bulk products.

While Invicta motors aren't the cheapest, they are designed to last, with oversized bearings, heavy duty rotors, and engineered housings that can handle years of vibration without failing or fatiguing. Many cheaper alternatives might work for a few months, but they typically fail early, and usually at the worst possible time.

Unsure about whether an invicta vibrator motor fits the needs of your application or industry? Reach out to our team today for more information on our Invicta vibrator motor solutions and how they can help you meet your application requirements.

TECO's Catalogue of Invicta Vibrator Motors

At present, we stock an exclusive selection of Invicta vibrator motors that are available for purchase. Our range includes:

Invicta BKD DC Base Mounted Vibrators

Invicta HV Hydraulic Vibrators

Invicta HV Pneumatic Vibrators

Invicta BLZ Base Mounted Vibrators

Invicta EBK Flameproof Base Mount Vibrators

Invicta SFL Flange Mount Vibrators

Each has its place depending on the job, the material, and the site's available power source.

If you need help selecting the right invicta vibrator motor for your application or industry needs, contact us or send us an enquiry via email at Marketing@teco.com.au .

Invicta Vibrator Motors: Industries & Applications

You'll find Invicta vibrator motors in just about every bulk-handling industry, including:

Quarries and mining operations that keep chutes clear, feed crushers, and move heavy, damp aggregate.

Construction projects, assisting with concrete compaction and preventing sticking in batching plants.

Agricultural applications to move grain, seed, and feed through silos and hoppers.

Food processing operations helping powders and granules flow through production lines.

Recycling applications to prevent blockages in chutes and conveyors that move shredded material.

Chemical and pharmaceutical applications to ensure consistent dosing of powders into mixers or packaging lines.

How to Select an Invicta Vibrator Motor?

Selecting the right Invicta vibrator motor involves a few key steps. You'll need to look at:

Material type. Fine powders, damp aggregates, sticky sludge, each behaves differently under vibration.

Mounting position. Base, flange, or even custom mounting will influence how vibration transfers into the structure.

Power source. Electric, hydraulic, or pneumatic, each depends on what's available on site and the application environment.

Environment. Dust, water, heat, and hazardous areas, all affect the choice of housing and sealing.

Required vibration force. Measured in kN or kg force, it needs to be matched to the mass of material and the equipment design. The force on the Invicta vibrator motor is fully adjustable to suit the application.

Get it wrong and you could end up with a motor that's underpowered, overpowered, or just unsuitable for the site. Our team works directly with engineers to match the right Invicta unit to the right job.

Need more information? Consider booking a one-on-one consultation with our expert team for a personalised solution.

Contact TECO for Your Invicta Vibrator Motor Solutions

Looking for a specific invicta vibrator motor? Browse our range on our website or mobile application for more information about the invicta vibrator motors we have available.

For further assistance, do not hesitate to contact us or email Marketing@teco.com.au .

Book a Consultation Have questions or need assistance? Reach out to us through the contact form, and we'll be happy to assist you.

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