





## INDUSTRIAL VIBRATORS SOLVE FLOW PROBLEMS




For over 15 years, Bulkquip Pty Ltd (Bulkquip) has proven to be a timely and an efficient provider of parts, systems, and service to bulk materials handling operations in NSW/ACT, Australia. Bulkquip has the experience and expertise for many flow aid applications and guarantees the best solutions. With over 15 years of experience in the application of Industrial Vibrators, Bulkquip delivers material flow solutions that will prevent bin and hopper flow problems.

Storing bulk material in bins and hoppers can often come with flow problems. Common issues can be the result of **bridging, arching, ratholing and clinging**. Industrial Vibrators help to rectify and prevent problems, ensuring efficient, continuous material flow.




### PNEUMATIC LINEAR VIBRATORS

PHOTO	SERIES	APPLICATIONS	POWDERS	FEATURES	BENEFITS
	SINGLE IMPACT PS	Silos, storage systems, hoppers.	<b>Hygroscopic powders:</b> flour, detergents, phosphates, fertilizers, lime, cement, clay, pigments.	High impact strength solves bridging or ratholing problems. Atex II3D c T85 °C (available with only pneumatic activation).	Economical. Low air consumption. Efficient. Zero impact on silo structure. Multi-voltage. Integrated solenoid valve. Timer.
	CONTINUOUS IMPACT P	Silos, hoppers, piping, salt spreaders, dump trucks, rail cars.	<b>Hygroscopic, humid powders:</b> sludge, aggregates, sand, salt, foundry sand, animal feed.	Sturdy, compact heavy-duty design, high temperature applications. Atex II2G c Tx Atex II2D c Tx	Economical. Low air consumption. Efficient. Suitable for high temperature and outdoor applications.
	CUSHIONED K	Silos, hoppers, piping, tanks, compacting, vibrating feeders, tables and channels.	<b>Hygroscopic or dusty powders, granules:</b> animal feed, aggregates, plastics, foods.	Suitable for food or chemical applications. Suitable for dusty environments. Atex II2G c Tx Atex II2D c Tx	Economical. Silent. Low air consumption. Easy to install.
	ADJUSTABLE F	Hoppers, chutes, vibrating feeders, tables and channels.	Hygroscopic or dusty powders; granules.	Alternative option to K. Compact design. Available in different shapes and casing materials. Threaded shaft for amplitude and force adjustment. Atex II2G c Tx Atex II2D c Tx	Economical. Silent. Low air consumption. Easy to install. Adjustable force and vibration frequency.


## PNEUMATIC ROTARY VIBRATORS

PHOTO	SERIES	APPLICATIONS	POWDERS	FEATURES	BENEFITS
	BALL VIBRATORS S	Silos, hoppers, piping, chutes, compacting.	<b>Dry powders:</b> granules, plastics, sand, ashes, cement, lime.	Filter sleeve cleaning. Suitable for outdoor use. Resistant to oxidation. Atex II2G c Tx Atex II2D c Tx	Economical. Low air consumption. High frequency vibration.
	ROLLER VIBRATORS OR	Silos, hoppers, piping, chutes, concrete compaction.	<b>Hygroscopic powders:</b> cement, concrete, sand, foundry sand.	Compact and robust design. Suitable for outdoor use. Resistant to oxidations. Atex II2G c Tx Atex II2D c Tx	High centrifugal force. Low air consumption. High frequency vibration. Suitable for high temperature.
	TURBINE VIBRATORS OT	Silos, hoppers, piping, chutes.	<b>Food powders:</b> sugar, bicarbonate, phosphate, sodium.	Suitable for food and pharmaceutical applications. Resistant to oxidation. Atex II2G c Tx Atex II2D c Tx	High centrifugal force. High frequency vibration. Lubrication free. Silent. Low air consumption.

## ELECTRIC VIBRATORS

PHOTO	SERIES	APPLICATIONS	POWDERS	FEATURES	BENEFITS
	DIRECT CURRENT MVE-DC	Automotive, hoppers, salt and manure spreaders, dump trucks, concrete pump grids.	<b>Granular powders:</b> concrete, fertilizers, corn, soy, rice, seeds, salt, sand.	Stainless steel covers. DC Motor 3,000 RPM 12V-24V. Centrifugal force from 50 to 1500Kg.	Economical. Robust. Safe. Terminal box connection sealed (option). Adjustable force.
	2 POLES MVE	Silos, hoppers, dispensers, agitators, mixers, filter cleaning, vibrating feeders and tables.	<b>Fine and dry powders, granules:</b> cement, flour, grit, sugar.	Suitable for indoor and outdoor use. Centrifugal force from 60 to 800Kg. Atex II2D T100 °C.	Economical. Wide range. Special windings for different geographical areas. Adjustable force.
	2 POLES MICRO MVE-MICRO	Small hoppers, micro-screens, chutes, vibrating feeders tables and channels.	<b>Fine, dry powder:</b> plastics, sugar, bicarbonate, seeds.	Compact, uni-body, heavy-duty design. Centrifugal force from 3 to 41Kg. Atex II2D T100 °C.	Economical. Easy to install. Single phase cable with built-in capacitor. Adjustable force.

## HYDRAULIC VIBRATORS

PHOTO	SERIES	APPLICATIONS	POWDERS	FEATURES	BENEFITS
	HYDRAULIC VIBRATOR MVO	Dump trucks, agricultural equipment, digging buckets, pipeline padder equipment, construction equipment.	<b>Hygroscopic, wet, sticky and granular powder:</b> clay, fertilizer, manure, sludge, aggregates.	Continuous duty. Working temperature from -20 to 60 °C (from -4 to 140 °F). Centrifugal force from 208 to 830 Kg. Speed from 3.000 to 6.000 rpm.	Robust. Safe. Easy to install. Compact design. High Force.