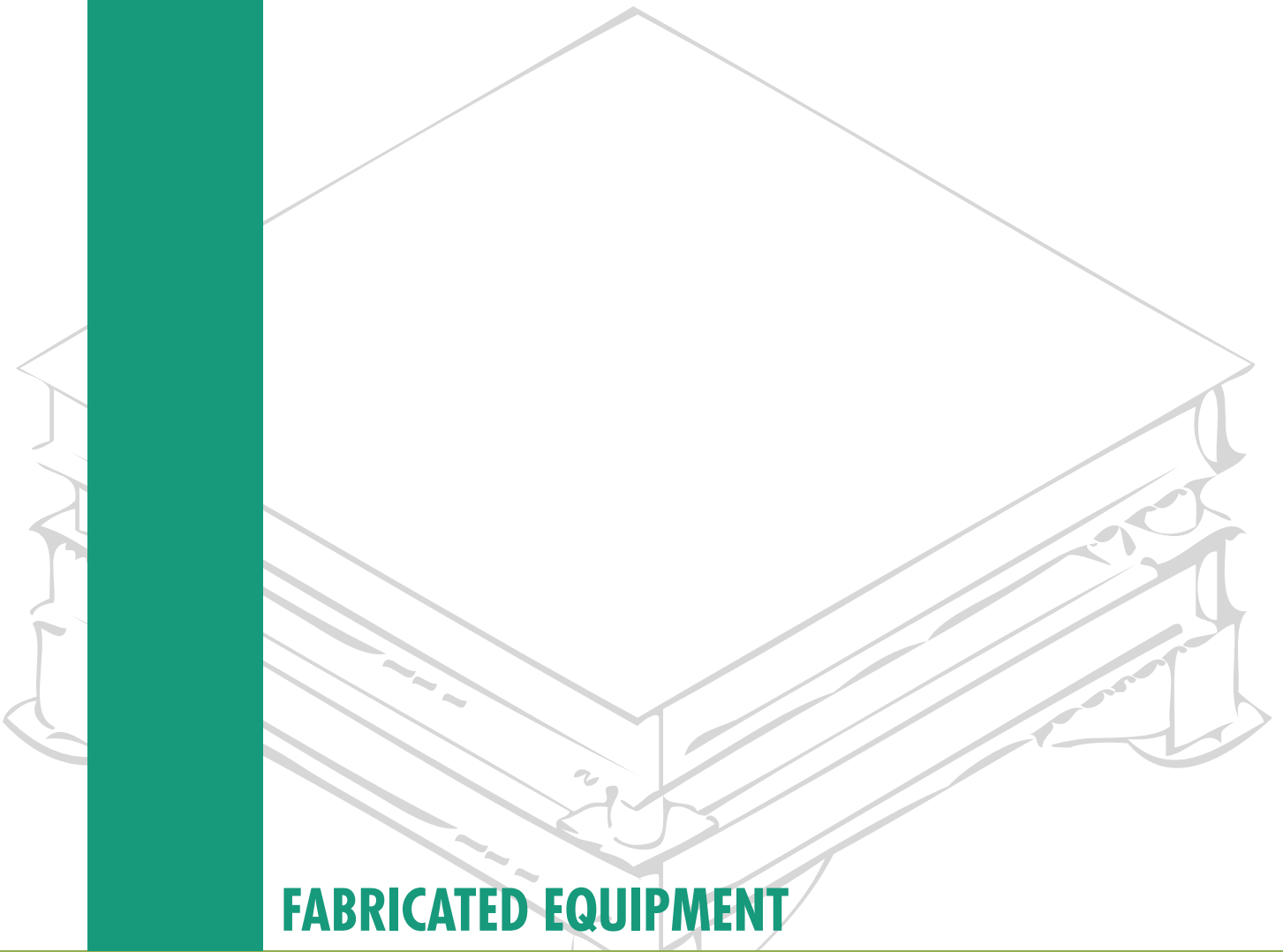




**CLEVELAND
VIBRATOR COMPANY**



FABRICATED EQUIPMENT

VIBRATORY TABLES

PRODUCT OVERVIEW

TABLES, PACKERS & BELT SYSTEMS

The Cleveland Vibrator Company offers a wide range of light, medium and heavy-duty vibratory tables and packers for settling and compacting bulk materials.

Production line systems incorporating vibratory equipment can provide:

- Fully automated or semi-automated fill stations
- Accurate container weights
- Containers filled, weighed and closed in less time than with manual installations
- Maximum compaction typically reached within 10-30 seconds



The Cleveland Vibrator Company tailors our product to the individual needs of your business. Call today to find out how we can improve your productivity and profits.

SAVE TIME & MONEY

CONTAINER COSTS

The average bulk material will compact down by 20% of its aerated state. Materials that normally fill five containers can be reduced to fill only four, saving on container and storage costs.

LOSS & SPILLAGE

Material shipped or stored in an aerated state will eventually compact due to gravity or vibration in transit. The result is dead space in the container. Compacting the material beforehand prevents container breakage, product loss or contamination.

FREIGHT COSTS

When shipping on a cubic foot basis, vibratory compaction provides full utilization of container capacity. This allows for more product to be shipped in the same amount of space, saving you and your customers money.



IDEAL FOR...

- Consolidation of Concrete
- Foundry Shake-Out
- Plastic Pellet & Resin Compaction
- Weight & Fill System
- Foundry Mold & Core Making
- In-Line Belt Conveyor Systems
- Chemical Compaction
- Frozen Food Compaction
- Portable Storage Bin Compaction
- Fatigue Testing

TABLES & PACKERS can be built from mild steel or stainless steel, and are available in a variety of deck sizes and heights. Units can also be furnished with liners or special coated decks such as neoprene, UHMW, abrasive resistant steel plate and anti-stick surfaces. Customize your equipment by calling our **SALES DEPARTMENT** at:

1-800-221-3298

AIR POWERED TABLES consist of a quick-acting valve, air line filter, pressure regulator gauge, lubricator, and a 5' air hose with pipe fittings.

ELECTROMECHANICALLY POWERED TABLES consist of a wall mounted control box with on/off push button, overload protection with the availability of dynamic brakes, and can also be equipped with an optional variable frequency controller.

FLAT DECK VIBRATORY TABLES



◀ FA Series

The Cleveland Vibrator Company flat deck vibratory table is the most widely used of our products, and is available in both standard and low profile configurations.

Designs accommodating over 10,000 Lbs. are available.

Model FA is typically used to settle material in cartons, drums, kegs, boxes and bags or for removing air from poured concrete and refractories. Model FA features inflatable airbag or Marsh Mellow Mount® isolation, providing quiet operation, superior isolation and adjustable table height. Controls for vibration intensity are included, while force and frequency control options are available.

The low profile FA-0 model comes equipped with twin outboard drives and airbag isolation mounts. Models are fully customizable and are ideal for compacting containers of plastic pellets, chemicals, frozen foods, peanuts and automotive parts.

FA • FLAT DECK TABLES

MODEL NUMBER	DECK WIDTH	DECK LENGTH	DECK HEIGHT	NORMAL LOAD CAPACITY
FA - 2424	24"	24"	24"	300 - 1000 lbs.
FA - 3030	30"	30"	24"	300 - 2000 lbs.
FA - 3636	36"	36"	24"	500 - 2000 lbs.
FA - 3636 HD	36"	36"	30"	2000 - 4000 lbs.
FA - 4848	48"	48"	24"	500 - 2000 lbs.
FA - 4848 HD	48"	48"	30"	2000 - 4000 lbs.

FA-0 • LOW PROFILE FLAT DECK TABLES

MODEL NUMBER	DECK WIDTH	DECK LENGTH	DECK HEIGHT	NORMAL LOAD CAPACITY
FA-0 - 2424	24"	24"	7"	300 - 1000 lbs.
FA-0 - 3030	30"	30"	7"	300 - 2000 lbs.
FA-0 - 3636	36"	36"	7"	500 - 2000 lbs.
FA-0 - 3636 HD	36"	36"	10"	2000 - 4000 lbs.
FA-0 - 4848	48"	48"	7"	500 - 2000 lbs.
FA-0 - 4848 HD	48"	48"	14"	2000 - 4000 lbs.



FA-0 Series ▲

LIGHT DUTY PACKERS

The Cleveland Vibrator Company VJ electromagnetic vibratory jogger is ideal for filling small moulds in the plastic and fuse industries. This rugged unit comes with a laminated deck and built-in controls.

The unit is designed for 115/1/60 operation and the frequency is fixed at 3600 VPM. 220V models are also available. The standard controller includes a dial to adjust intensity and a 3 position toggle switch to choose between standard or optional VAF control.



▲ VJ Series

VJ • LIGHT DUTY JOGGER PACKERS

MODEL NUMBER	DECK WIDTH	DECK LENGTH	DECK HEIGHT	NORMAL LOAD CAPACITY
VJ - 1212	12"	12"	6 ¾"	75 lbs.
VJ - 1515	15"	15"	7"	85 lbs.



▲ VP Series

The Cleveland Vibrator Company VP light duty table is commonly used for compacting coffee, pharmaceuticals, or other powdered products in small containers such as bottles, cans or bags.

Force and frequency of air powered models are adjustable by air pressure regulation, while electric tables are adjustable by mechanical means or an optional variable frequency controller.

Other available features include built-in controls, plastic tops, and supporting fixtures for containers.

VP • LIGHT DUTY TABLE PACKERS

MODEL NUMBER	DECK WIDTH	DECK LENGTH	DECK HEIGHT	NORMAL LOAD CAPACITY
VP - 4	12"	12"	12"	50 - 75 lbs.
VP - 6	18"	18"	12"	100 - 150 lbs.
VP - 8	24"	24"	12"	100 - 250 lbs.

GRID TOP VIBRATORY TABLES

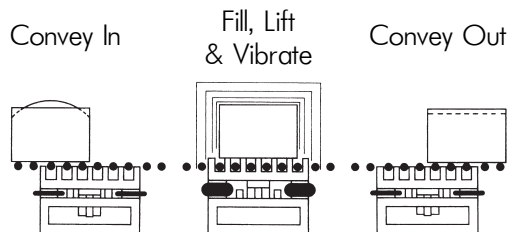
The Cleveland Vibrator Company GT grid top vibratory table is ideal for automatic and semi-automatic packaging and filling lines that use roller conveyor systems. The table is installed at the filling or compaction station of an in-line conveyor system. Tables are available in standard, low profile, or custom configurations.

GT • GRID TOP TABLES

MODEL NUMBER	DECK WIDTH	DECK LENGTH	DECK HEIGHT	NORMAL LOAD CAPACITY
GT - 2326	23"	26"	20 ½"	300 - 1000 lbs.
GT - 2338	23"	38"	20 ½"	300 - 1000 lbs.
GT - 2950	29"	50"	22 ½"	300 - 4000 lbs.
GT - 3550	35"	50"	22 ½"	1000 - 4000 lbs.
GT - 4750	47"	50"	22 ½"	1000 - 4000 lbs.



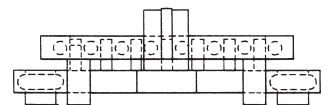
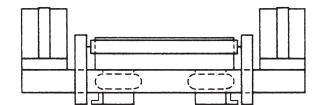
GT Series ▲



The load is first rolled into position over the vibrating station. Air mounts lift the load above the rollers while vibration is applied. After the vibration sequence, the load is lowered back onto the rollers, ready for the process to be repeated on the next container.

GT-0 • LOW PROFILE GRID TOP TABLES

MODEL NUMBER	DECK WIDTH	DECK LENGTH	DECK HEIGHT	NORMAL LOAD CAPACITY
GT-0 - 2326	23"	26"	13 ½"	500 - 1000 lbs.
GT-0 - 2338	23"	38"	13 ½"	500 - 1000 lbs.
GT-0 - 2950	29"	50"	15 ½"	1000 - 2000 lbs.
GT-0 - 3550	35"	50"	15 ½"	1000 - 2000 lbs.
GT-0 - 4750	47"	50"	15 ½"	1000 - 4000 lbs.



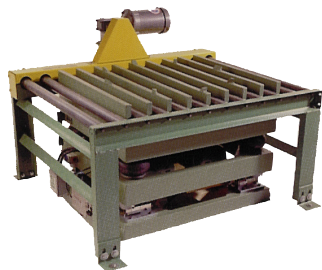
GT-0 Low Profile



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WEIGH SCALE PACKERS

▼ GWT • Grid Top Model



▲ FWT • Flat Deck Model

The Cleveland Vibrator Company weigh scale packers are available in both FWT flat deck and GWT grid top models.

Weigh scale packers allow for filling, weighing, and vibration of bulk containers. Tables can be fitted with digital scale instruments that incorporate set points to control the start and stop of the fill device, as well as the vibration sequence. Weigh scales are available in a variety of deck options to meet any requirements.

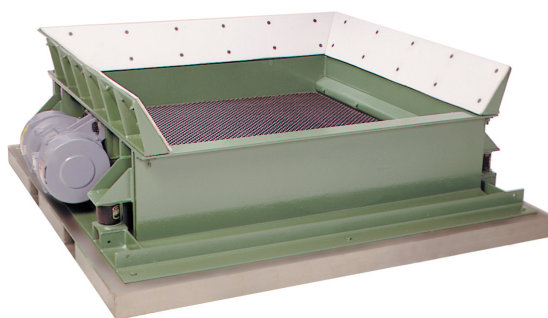
Additional features such as gross weight readout, analog signal, and set points for automatic or semi-automatic operation are also available. CVC can also provide complete systems including fill devices and conveyors.

SHAKE-OUT TABLE

The Cleveland Vibrator Company shake-out table can handle loads of up to 12,000 pounds depending on deck size.

The shake-out table has a simple, low maintenance design with no exposed moving parts and trouble-free Marsh Mellow Mount® isolation. The vibrator bearings come pre-lubricated. The unit's open bottom construction allows sand to pass through unobstructed.

Shake-out tables feature a low profile design and quiet operation, with no noise generated from the steel isolation springs, belts, pulleys, or vibrating crank arms. Units with UHMW coated side deflectors are available.



▲ SGT Series

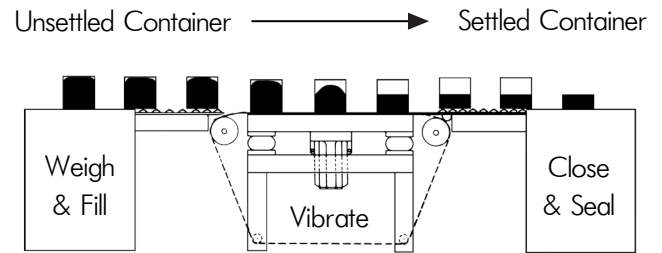
REMEMBER We customize our products to meet the needs of your production line. With over 80 years in the industry, The Cleveland Vibrator Company has experience with all types of materials. Call our sales department to discover more options available to you. 1-800-221-3298

VIBRATORY BELT TABLE CONVEYOR

The Cleveland Vibrator Company model BT vibratory belt table conveyor cuts packaging and handling costs for a wide range of materials packed in corrugated containers and small drums.

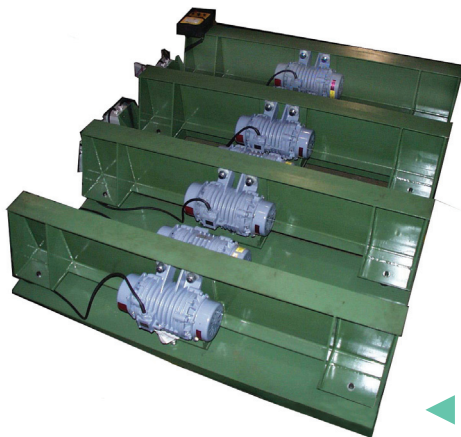
The belt table conveyor is designed to simultaneously settle product within its container while transporting the container to a closing and sealing machine. Linear vibration aids in settling the material in its container before the container is closed.

The BT belt table conveyor will also flatten bags prior to palletizing, without damaging the bags. There is no pinching, just gentle vibration to naturally flatten the bags.



SALES DEPARTMENT • 1-800-221-3298

LIVE BEAM TABLE

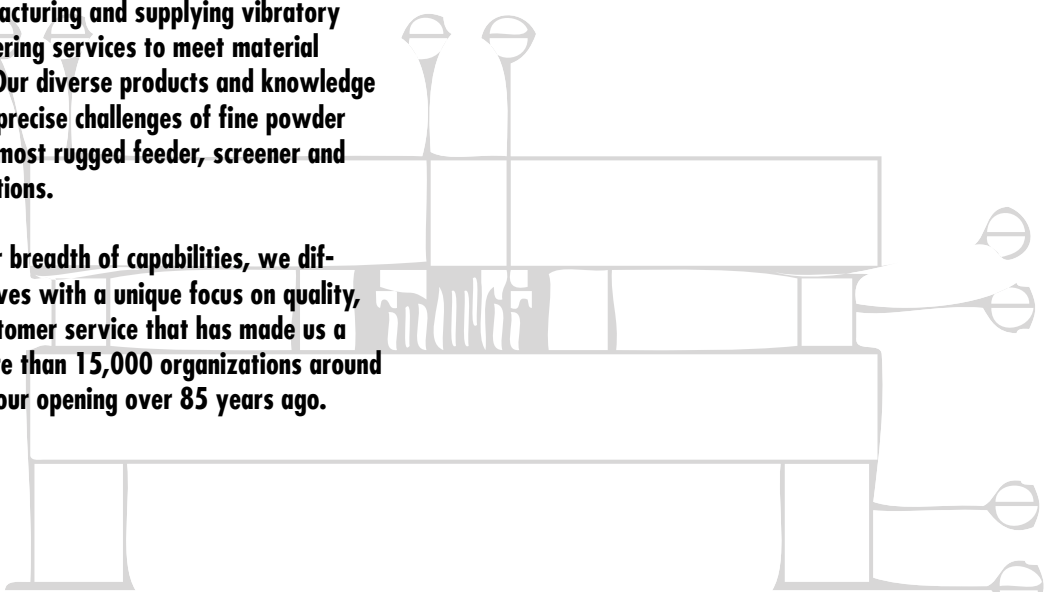



← LB Series

A senior member of the table family, the live beam table is designed and built primarily for the consolidation of concrete or castable materials in large forms and moulds.

Ideally suited for long pre-stressed concrete forms, the beams can be spaced apart as much as 10 to 15 feet for handling long and narrow, yet extremely heavy loads.

Each beam is mounted on a series of heavy duty rubber-in-compression mounts for stability and vibration isolation. Vibratory energy is imparted by two rotary electric vibrators, which are totally enclosed, dust tight, and rated for continuous duty. Each vibrator is fully adjustable by varying the eccentric weight settings.



Since 1923 Cleveland Vibrator Company has been designing, manufacturing and supplying vibratory products and offering services to meet material handling needs. Our diverse products and knowledge ranges from the precise challenges of fine powder screening to the most rugged feeder, screener and conveyor applications.

In addition to our breadth of capabilities, we differentiate ourselves with a unique focus on quality, integrity and customer service that has made us a partner with more than 15,000 organizations around the world since our opening over 85 years ago.

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