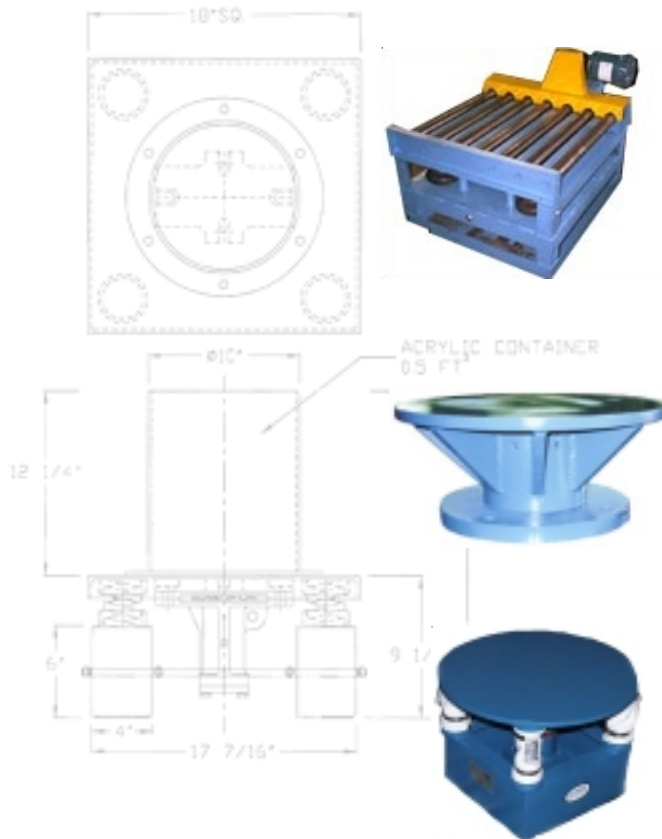


VIBRATORY TABLES

For Densification and Loading



Tables

NAVCO® Vibratory Tables are utilized in a variety of different applications and industries :

Densification of Bulk Materials in Packaging Vibration or Fatigue Testing Shake Outs Separation or Sorting Loading Materials	<i>Applications</i>
	<i>Industries</i>
Steel Plastics Foundry Chemicals Aerospace Food Processing Consumer Products Concrete & Aggregate	

Construction

All NAVCO® vibratory tables are manufactured with quality materials and components. Many variations of these components are possible allowing NAVCO® to design any type of vibratory table needed for any application.



Drives

Depending on the power source available and application requirements, different NAVCO® drive systems are available:

Pneumatic Instant Start/Stop Control Inherent Linear Vibration Low Initial Cost	Dual Electromechanical Linear Output Large Capacity Range Low Operating Cost	Single Electromechanical Elliptical Output Low Operating Cost Low Initial Cost
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Isolation

An isolation system will minimize the vibration transmitted to the frame and supporting foundation. As a result the energy input to the material is maximized. A variety of isolation systems are available and they can be customized based on the application. The most common isolation systems include:

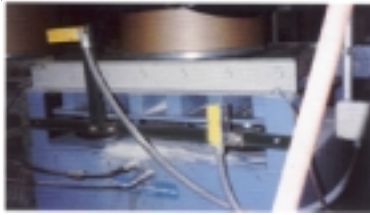
- Rubber Isolators** - for light duty tables.
- Coil Springs** - for loads greater than 100 lbs.
- Air Springs** - used to incorporate a lifting action or when a grid section is present.



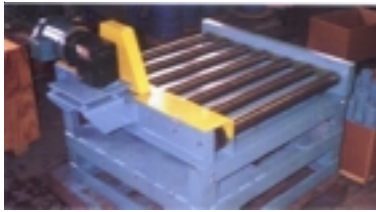
This table has coil spring isolation covered by durable plastic sleeves for safety.

NAVCO® has over 45 years of experience integrating custom vibratory tables into existing processes. There are a wide variety of options available to make integration seamless.

Options



Grid Top Tables are ideally suited for roller conveyor applications. During operation the table rises between the rollers and lifts the load, after vibrating it lowers to replace the load back onto the rollers.



NAVCO® Roller Grid Top Tables incorporate a built in roller section and can be customized with accessories such as power rollers and limit switches.



The **NAVCO®** Jolt Table is made specifically for light fluffy products that are not easily agitated under high frequency. The table produces a sharp, distinct 'jolt' action to compact the material.



Flat Top Tables are excellent for use in packaging applications such as **Grain, Fertilizer, Foods, Pellets, Textiles.**

Common Options

Grid Tops Load Cells
Jolt Tables Low Profiles
Weigh Frames
Powered Roller Grid Top
Container Retaining Fixtures
Special Construction Material

NAVCO® Table Benefits:

- Consistent Container Weights
- Increase Density of product
- Reduction of Container Size
- Increased Productivity in Handling
- Minimal Installation
- Low Maintenance
- Low Operation Costs

NAVCO® Reliability and Experience

View
Specifications
online at
www.navco.org

The controls on the **NAVCO®** pneumatic vibratory table are simple. Variable frequency and amplitude are obtained by regulating air pressure to the drive assembly. Standard controls consists of a filter, regulator and lubricator assembly, a manual control valve and any hose assemblies.

A solenoid valve and timer can be used for remote control or greater automation. Other controls are available as well depending on the application.

Controls

NAVCO® has been solving material flow problems in industrial applications for over 45 years. The high amplitude, low frequency, linear impulse generated by pneumatic piston vibrators is ideal for dislodging and facilitating the flow of dry-bulk materials in various industries including:

NAVCO® Table Benefits:

- Consistent Container Weights
- Increase Density of product
- Reduction of Container Size
- Increased Productivity in Handling
- Minimal Installation
- Low Maintenance and Operation Cost
- NAVCO®** Proven Reliability and Experience

Power
Steel
Plastics
Chemicals
Concrete & Aggregate
Pulp & Paper
Food Processing
Feed & Grain
Pharmaceuticals
Foundry
Automotive
Mining
Ceramics
Textiles

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