

VJ Jogger Tables Manual



Installation, Manual & Maintenance

The Cleveland Vibrator Company Model VJ, electromagnetic vibratory jogger is ideal for de-airing or densifying small molded products or for shaking laboratory analysis sieves.

Stainless steel and HDPE (high density polyethylene) construction make it easy to clean and sterilize.

WHAT'S INSIDE

- Installation guidance so you can plan ahead
- Proper operation instructions
- Construction & maintenance tips
- Troubleshooting & warranty information



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A NOTE FROM THE CLEVELAND VIBRATOR COMPANY

Thank you for purchasing a VJ Vibratory Jogger Table from the Cleveland Vibrator Company.

Please review all installation, maintenance, operation, and model specific information carefully before use. If any assistance is required, do not hesitate to call our sales department with questions:

1.800.221.3298

VJ Vibratory Jogger Table

OVERVIEW

Cleveland Vibrator's Vibratory Joggers provide an efficient, economical and maintenance-free means of compacting bulk material in all types of containers. To enable optimum performance with peak efficiency, we recommend the following procedures for installation, operating and maintaining the equipment.



INSTALLATION

Make absolutely sure that no portion of the top comes in contact with any rigid surface such as a hopper bottom, etc., as this is the vibrating member of the table and must not be connected to or touch any rigid object. The table should not be lifted by its top.

The table should be set on a solid foundation or framework that is rigid. Connect the male connector to the power source defined on the model's nameplate. ***Be sure your AC voltage and cycle is the same as the voltage and cycle that is stamped on the vibratory jogger table nameplate.***

OPERATION

All models are supplied with a built-in controller for standard operation. The built-in controller provides precise control of the vibration intensity with a 10-turn wire wound precision potentiometer. There is a 3-position toggle switch allowing the operator to select between standard or VAF Variable amplitude and frequency with OFF in the middle position. The VAF controller is optional and supplied separately. Do not run the table in the VAF mode unless the optional controller has been purchased. It is plugged into a female connector. Amplitude is adjustable from 0% to 100%. The VAF controller can handle a wider range than what the vibrator is designed for. Acceptable vibrator frequency ranges from 45Hz to 140Hz. There is a Fine potentiometer that alters the frequency set point of the Coarse pot by +/- 10 Hz.

MAINTENANCE

Check all bolts periodically to see that they are tight. A loose mount may also cause the pole faces to strike. No other maintenance is required.

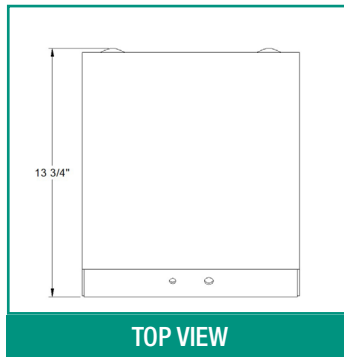
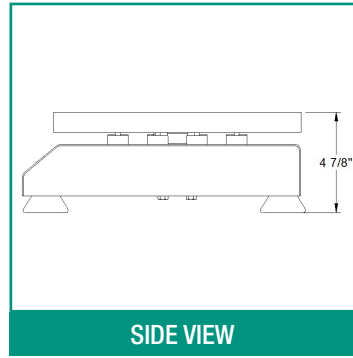
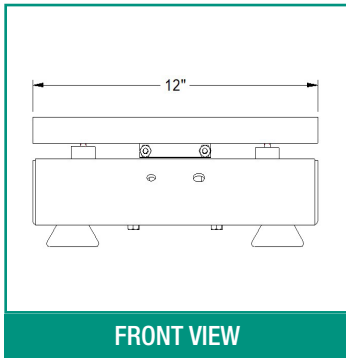
Do not modify or add to the table without first discussing such alterations or modifications with the Fabricated Products Division of The Cleveland Vibrator Company. This is a tuned device and we cannot assume responsibility for the operation of tables that have been modified without our approval.

VJ-1212 Vibratory Jogger Specs



OPERATIONAL SPECS	VJ-1212 110V	VJ-1212 220V
Total Unit Weight	40 lbs.	40 lbs.
Voltage	110-120V/1/50-60Hz	208-220V/1/50-60Hz
Amplitude	0.010"	0.015"
Frequency	3600 VPM	3000 VPM
*Recommended Max Load Capacity	30 lbm	30 lbm

**Recommended Max Load Capacity is defined as the load that is placed on top that will result in optimal 2G's recommended minimum.*

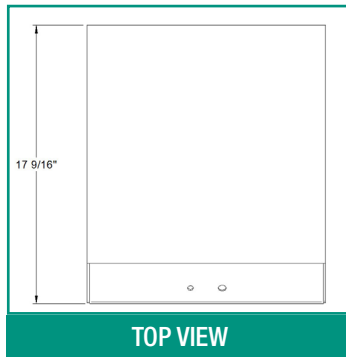
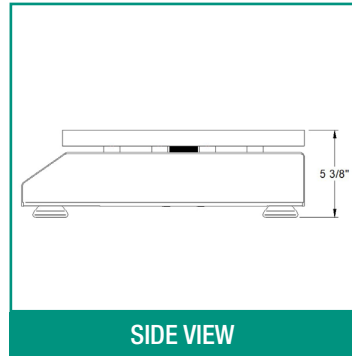
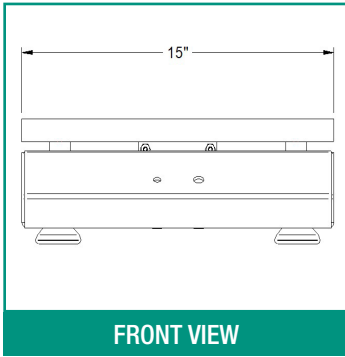


VJ-1515 Vibratory Jogger Specs



OPERATIONAL SPECS	VJ-1515 110V	VJ-1515 220V
Total Unit Weight	50 lbs.	50 lbs.
Voltage	110-120V/1/50-60Hz	208-220V/1/50-60Hz
Amplitude	0.010"	0.015"
Frequency	3600 VPM	3000 VPM
*Recommended Max Load Capacity	45 lbm	45 lbm

**Recommended Max Load Capacity is defined as the load that is placed on top that will result in optimal 2G's recommended minimum.*



Troubleshooting



If VJ Vibratory Jogger fails to operate, check the following as causes of failure:

- Make sure the fuses in the controller are not blown.
- Check all electrical connections against wiring diagram for open circuit.
- Make sure top is not touching something rigid — and is free to vibrate.
- Examine table for loose bolts, etc.
- Check supply voltage and frequency to see that it corresponds to name-plate reading.

If problem still continues to exist after checking above causes contact the supplier.

Warranty Information



Cleveland Vibrator Company industrial vibrators are warranted for 6 months from the date of shipment, if the unit is installed and operated in accordance with the factory instructions. The warranty covers material defects and manufacturer's workmanship.

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Repair Services



The cost of reconditioning generally runs approximately 50%-60% of the cost of a new unit and is covered by the same warranty as the new unit, if it is a Cleveland Vibrator Company unit.

Cleveland Vibrator Company has its own repair department, staffed by experienced and qualified personnel. Both the air and electric repair departments provide quality reconditioning of all used and worn vibrators. We can also evaluate, repair or replace competitor vibrators. Units can be sent for a free evaluation.

A cost estimate, if repairable, will be provided in writing before repair work begins.

FOR MORE INFORMATION

Call: Sales at 800-221-3298

Email: sales@clevelandvibrator.com

Buy Online: www.clevelandvibrator.com

