



MODEL:
VTG-5024D



Manufacturing Mass Finishing Solutions

Vibratory Dryer

Overview

The CLM Vibetech, Inc. vibratory dryer is a compact, cost-effective and efficient solution for various drying applications. These machines create a toroidal motion – a spiraling roll of media and parts – and a vibratory motion, that when combined with a drying medium (corn cob grit, walnut shell media, wood pellets, etc.), achieve clean, dry and stain-free part surfaces. By utilizing ceramic infrared heating elements to heat the bottom of the process channel, heat is distributed more evenly than traditional standing heat lamp assemblies. Automated control of the heat system allows for more efficient heating and maintaining of the drying process.

The versatility of the vibratory dryer is nearly infinite. With amplitude and lead angle adjustments, optional variable frequency drives to adjust speed and multiple media choices, the process

options are endless. Whether drying heavy stampings, heat-treated parts or laser cut pieces, almost every manufactured part can benefit from a vibratory drying operation.

The CLM Vibetech vibratory dryer is available in sizes ranging from 1.5 to 20 cubic feet and can be operated either as a stand-alone solution or as part of a fully automated system. They are specifically designed for continuous operation but are capable of batch processing as well.

The construction consists of a heavy-duty, interlocking structural design with vertical gussets, strong and sturdy center tube, inner and outer cone gussets, infrared heat system, insulated outer wall, thick-wall base frame and control panel, all mounted on coated coil springs.

Optimized Floor Space | Cost Saving Efficiencies | Improved Quality



Advantages

- Stain-free drying, achieving high luster surfaces
- Energy efficient and environmentally friendly
- Compact design requires less floor space
- High flexibility by providing continuous or batch operation
- Stand-alone solution or connected with a fully automated system
- Distributes heat more evenly than standing heat lamps

Results

CLM Vibetech, Inc. vibratory dryers are a smart and energy-efficient solution for fully automated drying of parts after the vibratory finishing process, which provides cost saving efficiencies. Their toroidal motion, combined with a variety of drying mediums, delivers stain-free drying and high luster surfaces, which improves quality. Additionally, output is maximized with less floor space required, allowing for the purchase of additional capacity through equipment.

Many options are available to customize the vibratory dryer, such as protective covers to reduce noise and collectors to remove dust. Contact us today to learn more about how this versatile machine can provide high-drying performance for the desired result of the finished product, making future growth more attainable.

Key Features

- Process channel heated from the bottom
- Insulated exterior side walls for safety
- Easily adjustable weights
- Premium efficiency motor
- Automated heating process (off-on-cycle)
- Rust protection

Specifications

MODEL	Bowl Diameter	Channel Width	Floor Space Required w/o Panel	Cu. Ft. Working Capacity*	Motor HP	Heat System KW	Full Load Amps at 480 Volt
VTG-2810D	30"	9"	3' x 3'	1.5	2	1.5	4.8
VTG-3816D	40"	11"	4' x 4'	3.5	3	3	9
VTG-5024D	52"	13"	5' x 5'	5	5	6	13
VT-5024D	52"	13"	5' x 5'	5	5	6	13
VT-5524D	57"	15.5"	5' x 5'	7	7.5	6	17
VT-6026D	62"	17"	6' x 6'	11	7.5	6	17
VT-6830D	70"	19"	6.5' x 6.5'	15	10	9	31
VT-7230D	74"	21"	7' x 7'	20	10	9	31

G = Manual grease lubrication (control panel is optional).
 * Working capacity depends on drying medium. Estimate only.

Proudly built in the USA

