Model:
VT-6026

CLM VIBE TECH

Manufacturing Mass Finishing Solutions

Vibratory Finisher

Overview

Vibratory finishers are the most common and versatile of all mass finishing styles of equipment. With amplitude and lead angle adjustments, optional variable frequency drives to adjust speed, and thousands of media and compound choices, process options are endless. Whether you are deburring heavy stampings, smoothing fine china, polishing ammunition, removing machining lines from aerospace components, descaling heat-treated parts or removing heat marks from laser cut pieces, almost every manufactured part can benefit from a vibratory finishing process.

The CLM Vibetech finishing machine is available in sizes ranging from 1 to 100 cubic feet, and can be operated either as a stand-alone solution or as part of a fully automated system. They can be purchased with or without internal separation and include a variety of pre-engineered options.

The mode of operation of the finisher is a two-fold simultaneous action, in which the parts tumble within the media in a toroidal motion while the machine vibrates at a consistent 1,450 RPM, which deburrs the parts quickly and provides a finer, more complete finish than lower speed tumblers.

The construction consists of a heavy-duty interlocking structural design with vertical gussets, heavy center tube, inner and outer cone gussets and tub wall. Other features include: premium polyurethane lining and drains, mounted on coated coil springs and a thick-wall base frame. The drive consists of a premium efficiency motor and easily adjustable weights to increase or decrease the aggression of the machine.

Labor Efficiencies | Improved Quality | Cost Savings

CLM VIBE TECH

Advantages

- Powerful and adaptable circular vibrator technology, thereby expanding the possible range of applications.
- Flexible and comprehensive – the range of materials that can be processed in rotary vibes is virtually unlimited.
- Low annual cost of operation.
- Space-saving, low profile design for easy load and unload.

Results

In conclusion, a CLM Vibetech, Inc. vibratory finisher features an innovative, durable design with low maintenance, which provides cost savings and time saving labor efficiencies. The premium polyurethane-lined bowl allows for maximum finishing action and highly effective parts processing, which lowers unit costs and improves quality. Additionally, a smoother, more complete finish saves assembly workers from injury and provides for a safer work environment.

With a range of customizable features, our vibratory finishers can be designed to meet any application requirement. Whether you are in need of internal separation, PLC automation, sound protection, pneumatic unload doors, waste-water treatment and more, our complete line of vibratory finishing equipment is built with pride and experience.

Key Features

- **Wet or dry processing capabilities**
- **Variable speed motor for process flexibility**
- **Adjustable weights**
- **Durable design, low maintenance**
- **Quickly deburred parts**

Specifications

MODEL	Bowl Diameeter	Channel Width	Cu. Ft. Capacity	Motor HP	Floor Space
VTG-2810	28”	7.5”	1.5	2	3’ x 3’
VTG-2810F	28”	7.5”	1.6	2	3’ x 3’
VTG-3816	38”	9.5”	3.8	3	4’ x 4’
VTG-3816F	38”	9.5”	4	3	4’ x 4’
VTG-5024	50”	11”	7	5	5’ x 5’
VTG-5024F	50”	11”	7.5	5	5’ x 5’
VT-5024	50”	11”	7	5	5’ x 5’
VT-5024F	50”	11”	7.5	5	5’ x 5’
VTG-5524	55”	13.5”	9.5	7.5	5’ x 5’
VTG-5524F	55”	13.5”	10	7.5	5’ x 5’
VT-5524	55”	13.5”	9.5	7.5	5’ x 5’
VT-5524F	55”	13.5”	10	7.5	5’ x 5’
VT-6026	60”	15”	13	7.5	6’ x 6’
VT-6026F	62”	15”	14	7.5	6’ x 6’
VT-6830	68”	17”	19	15	6.5’ x 6.5’
VT-6830F	70”	17”	20	15	6.5’ x 6.5’
VT-7230	72”	19”	24	15	7’ x 7’
VT-7230F	74”	19”	25	15	7’ x 7’
VT-8844	92”	20”	36	20	8’ x 8’
VT-8844F	92”	20”	38	20	8’ x 8’
VT-9648	100”	22”	50	20	9’ x 9’
VT-9648F	100”	22”	52	20	9’ x 9’
VT-12060	124”	28”	92	30	11’ x 11’
VT-12060F	124”	28”	95	30	11’ x 11’

F = Flat bottom machine without internal separation.
G = Manual grease lubrication (control panel is optional).

Proudly built in the USA

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