CASC

CINCINNATI ABRASIVE SUPPLY CO.

VT VIBRATORY FINISHER

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◄ VT-6026F

MODEL	BOWL DIAMETER	LINED CHANNEL WIDTH	FLOOR SPACE REQUIRED W/O PANEL	CUBIC FOOT WORKING CAPACITY	MOTOR HP	FULL LOAD AMPS AT 480 VOLT	SUPPLIED FUSING	AVERAGE WATER USED IN GPH	AIR SUPPLY REQUIRED
VTG-2810	28"	7.5"	3' x 3'	1.5	2	3	LPJ 5 SP *	4	100 psi **
VTG-2810F	28"	7.5"	3' x 3'	1.6	2	3	LPJ 5 SP *	4	100 psi ^^
VTG-3816	38"	9.5"	4' x 4'	3.8	3	4	LPJ 6 SP *	8	100 psi **
VTG-3816F	38"	9.5"	4' x 4'	4	3	4	LPJ 6 SP *	8	100 psi ^^
VTG-5024	50"	11"	5' x 5'	7	5	6	LPJ 10 SP *	14	100 psi **
VTG-5024F	50"	11"	5' x 5'	7.5	5	6	LPJ 10 SP *	14	100 psi ^^
VT-5024	50"	11"	5' x 5'	7	5	6	LPJ 10 SP	14	100 psi **
VT-5024F	50"	11"	5' x 5'	7.5	5	6	LPJ 10 SP	14	100 psi ^^
VTG-5524	55"	13.5"	5' x 5'	9.5	7.5	10	LPJ 15 SP *	20	100 psi **
VTG-5524F	55"	13.5"	5' x 5'	10	7.5	10	LPJ 15 SP *	20	100 psi ^^
VT-5524	55"	13.5"	5' x 5'	9.5	7.5	10	LPJ 15 SP	20	100 psi **
VT-5524F	55"	13.5"	5' x 5'	10	7.5	10	LPJ 15 SP	20	100 psi ^^
VT-6026	60"	15"	6' x 6'	13	7.5	10	LPJ 15 SP	25	100 psi **
VT-6026F	62"	15"	6' x 6'	14	7.5	10	LPJ 15 SP	25	100 psi ^^
VT-6830	68"	17"	6.5' x 6.5'	19	15	20	LPJ 30 SP	40	100 psi
VT-6830F	70"	17"	6.5' x 6.5'	20	15	20	LPJ 30 SP	40	100 psi ^^
VT-7230	72"	19"	7' x 7'	24	15	20	LPJ 30 SP	50	100 psi
VT-7230F	74"	19"	7' x 7'	25	15	20	LPJ 30 SP	50	100 psi ^^
VT-8844	92"	20"	8' x 8'	36	20	27	LPJ 45 SP	70	120 psi
VT-8844F	92"	20"	8' x 8'	38	20	27	LPJ 45 SP	70	120 psi ^^
VT-9648	100"	22"	9' x 9'	50	20	27	LPJ 45 SP	100	120 psi
VT-9648F	100"	22"	9' x 9'	52	20	27	LPJ 45 SP	100	120 psi ^^
VT-12060	124"	28"	11' x 11'	92	30	38	LPJ 50 SP	150	120 psi
VT-12060F	124"	28"	11' x 11'	95	30	38	LPJ 50 SP	150	120 psi ^^

F = Flat bottom or batch machine without internal separation.
G = Manual grease lubrication and control panel is optional.
* Applicable if optional 101 Control Panel is purchased.
** Applicable if optional Pneumatic Gate is purchased.
^^ Applicable if optional Pneumatic Unload Plunger is purchased.

FEATURES

The vibratory finisher is the most common and versatile of all mass finishing styles of equipment. The VibeTech finisher comes is sizes ranging from 1 to 100 cubic feet, available with or without internal separation, and comes with a variety of pre-engineered options or can be a part of a fully automated work cell. The vibratory drive at the center of the machine creates a toroidal motion in the bowl, which is a spiraling roll of media, parts, and solution. Two different motions are happening to finish the parts. The first is that the parts are rolling and sliding across the media which is a tumbling action. The second is that the machine is vibrating at 1,450 RPM, which is lapping the parts quickly to give a finer and more complete finish than classic tumblers. If bought with internal separation then the true benefit of this equipment is realized when parts are separated from the media when the desired result is achieved.

The versatility of this machine is almost infinite. With amplitude and lead angle adjustments, optional variable frequency drives to adjust speed, and thousands of media and compound choices, the process options are endless. Whether you are: deburring heavy stampings, smoothing fine china, polishing bullets, removing machining lines from aerospace components, descaling heat treated parts, or removing heat marks from laser cut parts, almost every manufactured component can benefit from a vibratory finishing process.

Even with modern fabricating equipment that leaves smaller and smaller burrs to deal with after forming operations, the benefit of smoother and smoother parts is paramount. Smoother surfaces save assembly workers from injury, allow bearings to work with less friction, saving energy, and allow modern coating operations to adhere better and last longer to protect the look of your parts.

The construction consists of: a heavy-duty, interlocking structural design, with vertical gussets, heavy center tube, inner and outer cone gussets, and tub wall, with a premium poly-urethane (multiple grades of shore hardness available) lining and drain(s), mounted on a coated coil springs, and a thick-wall base frame. The drive consists of a premium efficiency motor driving a vibratory drive at the center with easily adjustable weights, to increase or decrease the aggression of the machine. Many options are available to customize your machine, such as sound protection, waste water treatment, and compound dosing.

Contact us today to discuss how this versatile machine can help with your production needs.

CONTACT

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