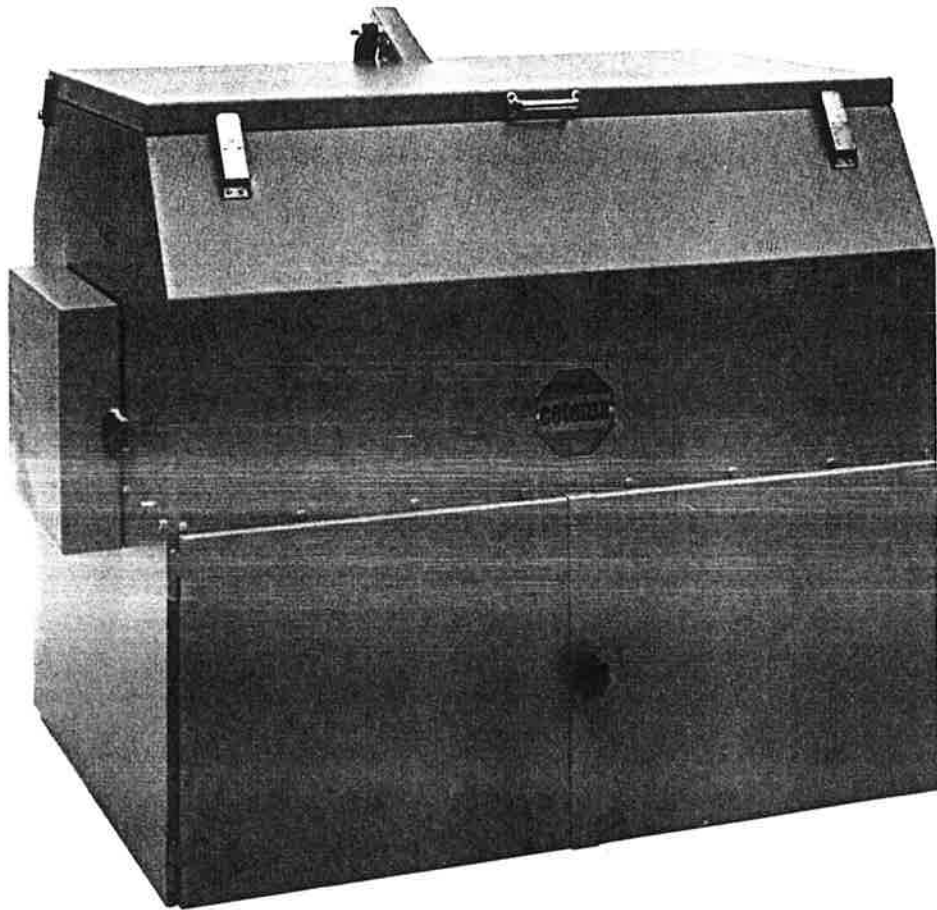


cetema

vibratrons OV series



**Completely selfcontained straight
tub end-unloading vibratron - fully clad
for: deburring
deflashing
grinding
polishing
cleaning
steel ball burnishing**

OPERATION

The OV-series straight tub vibratron processes components quickly, economically and uniformly. The process tub has a long life lining, and a quick release door for fast end-unloading. The low tub height gives ease of access and increases operator's convenience.

Dividing plates can be fitted to form separate compartments within the tub, for individual processing of large components, or separating small individual batches.

The tub-mounted vibratory motor transfers vibrations directly to the media and parts in the machine.

CONTROL

The required process cycle time will depend on the required process and the material of the parts. The actual process time is set using a clock timer. Parts and media are kept clean by a constant spray of compound solution either using a filtered recirculating system or a continuous flow-through compound metering system.

This ensures controlled application of the compound and prolongs the life of the tub-lining.

INSTALLATION

The OV-serie vibratron is a completely self-contained unit which can be located on any level floor without the need of foundations.

It is completely with an electrical control panel which can be either machine mounted or mounted on a nearby wall or other convenient structure.

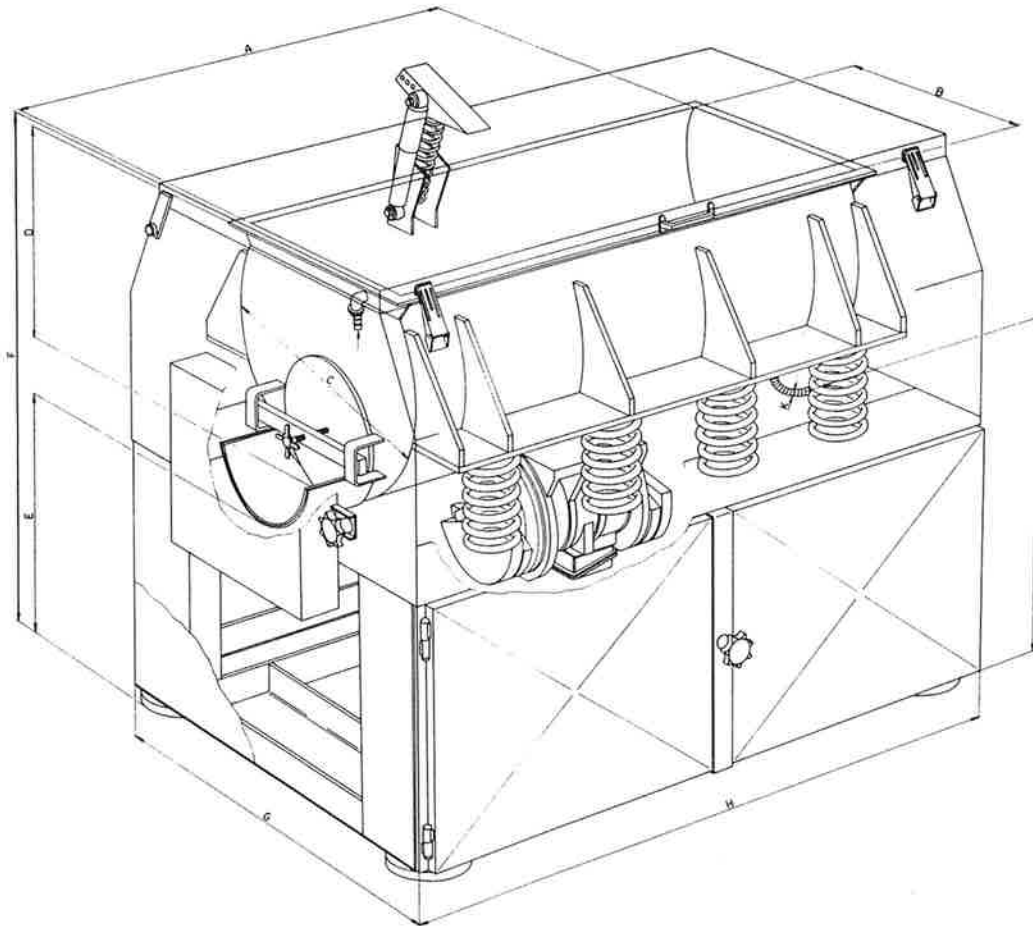
CONSTRUCTION

The process tub is an all-welded fabrication in heavy steel plate and tube. The Vibratron vibratory motor is specially designed for its function, and has sealed bearings packed for life.

The motor is mounted directly onto the tub and has eccentric weights at each end of its shaft. These weights are easily adjusted to vary the intensity of the vibrations and hence the cascading action of the mass in the tub. The

tub can either have a long life rubber lining or be polyurethane lined, and is supported by heavy duty stress-relieved springs, mounted on an all-welded steel supporting base frame. The machine has a fully clad afonic house which reduces noise to 75 dB (A).

Good access doors enable the operator an easily change of the amplitude.



Model	A	B	C	D	E	F	G	H	J	K	Capacity L	Weight empty (kg)	Motor (kw)	Centrifugal force kg	Thickness PU rubber
OV 3 FC	765 (30,1)	325 (12,8)	385 (15,2)	310 (12,2)	725 (28,5)	1155 (45,5)	800 (31,5)	1100 (43,3)	200 (7,9)	1 x 1"	85	600	0.8	1080	12
OV 7 FC	885 (34,8)	335 (13,2)	515 (33,5)	460 (18,1)	535 (39,2)	1155 (45,5)	920 (36,2)	1180 (46,5)	140 (5,5)	1 x 1"	185	750	0.8 1.3	1080 1800	12
OV 10 FC	1100 (43,3)	410 (16,1)	560 (22,2)	480 (18,9)	575 (22,6)	1235 (48,6)	1000 (39,4)	1370 (53,9)	415 (16,3)	1 x 1"	265	1000	1.3	1800 2400	20
OV 20 FC	2180 (85,8)	410 (16,1)	560 (22,2)	480 (18,9)	600 (23,6)	1260 (49,6)	1000 (39,4)	2500 (98,4)	415 (16,3)	2 x 1"	530	2100	2.9 4.2	4075 5750	15 20

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