

## CIRCULAR VIBRATORS

Circular vibrators or vibratory bowls are mass finishing equipment used for deburring and polishing processes, components free in the bowl.

The vibration movement of the circular vibrators is tridimensional ; it is a rotation along an horizontal axis, generating a kind of spiral.

The vibration generator of the circular vibrators consists of a motor with vertical shaft, a set of holding springs and eccentric plates that are mounted to the top and bottom of the drive shaft.

Changing the weight of the eccentric plates will change the bowl's amplitude.

Also, bowl's springs will determine the amplitude and vibration mode.

Vibrators may be completed by screening system in order to separate chips from pieces, as well as dosing pumps to add continuously different compounds.

*Technical details of the most frequent equipment :*

Model	Separator	Capacity (liters)	Weight (Kg)	Power (kw)	Size (mm)
VibC 25	-	25	85	0.5	560x560x800
VibC 50	-	50	100	1.1	740x740x800
VibC 80	-	60	200	1.2	820x740x920
VibC 100	-	100	500	1.1	980x980x920
VibC 150	-	140	500	1.5	1320x1320x1120
VibCS150	yes	150	500	2.2	1320*1500*1260
VibC 300	-	300	900	5	1520x1520x1400
VibCS300	yes	3000	1000	5	1520*1700*1480
VibC 450	-	450	1300	3.7	1700x1500x1200
VibC 600	-	600	1500	5.5	1840x1840x1520
VibCS600	yes	600	1600	5.5	1840*2000*1600
VibC 750	-	750	1700	5.5 / 7.5	2100x2080x1380
VibC 900	-	900	1850	7/11	1910x1910x1400
VibC 1200	-	1200	2040	11	2120x2120x1500



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