

HEAVY DUTY ELECTRIC 1800, 1200 & 900 RPM



4P-10000
6P-5000
8P-2500

4P-2000, 4P-5000,
6P-1000, 6P-1500,
6P-2500, 8P-500,
8P-750, 8P-1250



- **Totally Enclosed**
- **Adjustable Eccentrics**
1800, 1200 & 900 RPM
- **For Indoor or Outdoor Use**
- **Single and 3 Phase**
- **Quiet Electric Motor**
- **Call for High Temp. Units**

VIBCO's lines of heavy duty vibrators will solve any vibration problem such as: speed the flow of bulk materials through the smallest bin, hopper, and chute, to the largest silo; pack materials in drums and bags; consolidate concrete in pipe,



Technical Data

Model	Weight***		Electric Motor Specs.					Centrifugal Force						Sound*	Max. Weight** of Material in Bin Slope Area	
			Motor	1 Phase		3 Phase		Power	Min.		Norm		Max.			
	lbs.	kg.		Phase	115/230	230/460	575		h.p.	lbs.	Newtons	lbs.	Newtons	lbs.	Newtons	dB
1800 VIBRATIONS PER MINUTE — 4 POLE																
4P-350	36/34	16/15	1 & 3	4/2	1/0.5	0.3	1/4	50	220	100	445	200	890	60	2,000	910
4P-600	40/38	18/17	1 & 3	4.2/2.1	1/0.5	0.3	3/8	150	665	250	1,110	400	1,780	60	4,000	1,815
4P-700	60/56	27/25	1 & 3	6/3	1.2/0.6	0.5	1/2	100	445	300	1,335	500	2,225	63	5,000	2,270
4P-1000	54/43	25/20	1 & 3	6.2/3.1	1.2/0.6	0.5	1/2	250	1,110	500	2,225	800	3,560	63	8,000	3,630
4P-1400	100/95	46/43	1† & 3	†/†	3.5/1.8	1.2	1	400	1,780	700	3,115	1,100	4,895	70	11,000	4,990
4P-2000	98	45	3	—	4/2	1.6	1-1/2	750	3,335	1,100	4,895	1,500	6,670	72	15,000	6,805
4P-3000	200	91	3	—	6/3	2.4	2-1/2	1,500	6,670	2,200	9,785	3,000	13,345	74	30,000	13,610
4P-5000	225	102	3	—	6/3	2.4	3	1,550	6,895	3,900	17,345	4,500	20,015	75	45,000	20,410
4P-10000	460	209	3	—	10/5	4.0	5	4,560	20,285	8,000	35,585	10,000	44,480	76	100,000	45,360
1200 VIBRATIONS PER MINUTE — 6 POLE																
6P-300	60/55	27/25	1 & 3	4/2	1.2/0.6	0.5	1/4	50	220	125	555	250	1,110	60	2,500	1,135
6P-500	62/58	28/26	1 & 3	4.2/2.1	1.2/0.6	0.5	1/4	100	445	200	890	400	1,780	60	4,000	1,815
6P-1000	98	45	3	—	4/2	1.6	1	350	1,555	450	2,000	700	3,115	72	7,000	3,175
6P-1500	200	91	3	—	6/3	2.4	1-1/2	700	3,115	1,000	4,450	1,500	6,670	74	15,000	6,805
6P-2500	225	102	3	—	6/3	2.4	2	700	3,115	1,250	5,560	2,000	8,895	75	20,000	9,070
6P-5000	460	209	3	—	10/5	4.0	3	2,000	8,895	3,000	13,345	4,500	20,015	76	45,000	20,410
900 VIBRATIONS PER MINUTE — 8 POLE																
8P-500	98	45	3	—	4/2	1.6	1/4	180	800	250	1,110	400	1,780	65	4,000	1,815
8P-750	200	91	3	—	6/3	2.4	1/4	400	1,780	575	2,560	800	3,560	74	8,000	3,630
8P-1250	225	102	3	—	6/3	2.4	1	400	1,780	700	3,115	1,250	5,560	75	12,500	5,670
8P-2500	460	209	3	—	10/5	4.0	1-1/2	1,150	5,115	1,800	8,010	2,500	11,120	76	25,000	11,340

* Decibel from A scale at 1 meter

** Rule of thumb: One lb. vibrator force to each 10 lbs. of bin content

*** First figure 1 phase units, the other 3 phase units

† Consult factory for availability.

†† Most vibrators available in both 50 & 60 Cycles 115 to 575 volt

NOTE: • Data obtained on laboratory test block

• Frequency & force will decrease on less rigid mount.

• Data subject to design changes

MODEL 4P, 6P, 8P ADJUSTABLE ECCENTRICS

4P-1000
6P-500



4P-700
6P-300



ELECTRIC

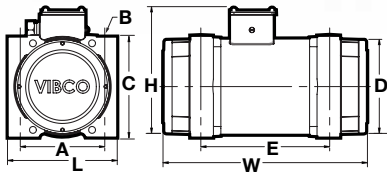
precast and prestressed industries; for screens and screeds and a variety of other industrial applications.

(right) This 6P unit on a live bottom bin, gives the uniform material flow needed to keep it moving smoothly.

(left) VIBCO's heavy duty Vibrators work well when integrated into our vibrating tables.



4P, 6P, and 8P



Dimensions

Model	L		W		H		A		B*		C		D		E	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
4P-350	5-3/4	146	11-1/2	292	6-3/4	171	4-1/2	114	1/2	13	5	127	5	127	7	178
4P-600	5-3/4	146	13	330	6-3/4	171	4-1/2	114	1/2	13	5	127	5	127	7-7/8	200
4P-700, 6P-300	6-1/2	165	13-1/8	333	7-1/2	191	5	127	5/8	16	6	152	6	152	8-3/8	213
4P-1000, 6P-500	6-1/2	165	15-1/2	394	7-5/8	194	5	127	5/8	16	6	152	6	152	8-3/8	213
4P-1400	7-1/2	191	16-1/2	419	8-1/2	216	5-1/2	140	5/8	16	7	178	7	178	10-13/16	259
4P-2000, 6P-1000 and 8P-500	7-1/2	191	18	457	8-1/2	216	5-1/2	140	5/8	16	7	178	7	178	10-13/16	275
4P-3000, 6P-1500 and 8P-750	10-1/2	267	24	610	10-1/2	267	7-7/8	200	1	25	8-3/4	222	8-7/8	225	12-13/16	325
4P-5000, 6P-2500 and 8P-1250	10-1/2	267	24	610	10-1/2	267	7-7/8	200	1	25	8-3/4	222	8-7/8	225	12-13/16	325
4P-10000, 6P-5000 and 8P-2500	15-5/8	397	29-3/4	756	13	330	12-5/8	321	1-1/4	32	2	51	10-3/4	273	15-1/2	394

* Max. mounting bolt diameter

NOTE: Material, Dimensions & Data subject to change without notice • Dimensions ±1/16" • Engineered dimensional drawings available on request