

# HEAVY DUTY ELECTRIC 1800, 1200 & 900 RPM



- **Totally Enclosed** 
- **For Indoor or Outdoor Use**
- **Adjustable Eccentrics 1800, 1200 & 900 RPM**
- **Single and 3 Phase**
- **Quiet Electric Motor**
- **Force Adjusted Mechanically**
- **Call for High Temp. Units**
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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 Phase	1 Phase 3 Phase Amperes at Volt ††			Power h.p.	Min.			Norm					
	lbs.	kg.	lbs.	kg.		115/230	230/460	575		lbs.	Newtons	lbs.	Newtons	lbs.	Newtons	dB	lbs.	kg.
<b>1800 VIBRATIONS PER MINUTE — 4 POLE</b>																		
4P-350, 4P-350AL	43/31	20/14	37/26	17/12	1 & 3	3.3/2.5	0.8/0.4	0.3	1/4	50	220	100	445	200	890	60	2,000	910
4P-600, 4P-600AL	50/38	23/17	44/32	20/15	1 & 3	3.3/2.5	0.8/0.4	0.3	3/8	150	665	250	1,110	400	1,780	60	4,000	1,815
4P-700, 4P-700AL	63/46	29/21	57/40	26/18	1 & 3	5.8/2.9	1/0.5	0.5	1/2	100	445	300	1,335	500	2,225	63	5,000	2,270
4P-1000, 4P-1000AL	69/52	31/24	63/46	29/21	1 & 3	5.5/2.8	1/0.5	0.5	1/2	250	1,110	500	2,225	800	3,560	63	8,000	3,630
4P-1400, 4P-1400AL	106/78	48/35	100/72	45/33	1 † & 3	12.0/6.0	3.5/1.8	1.6	1	400	1,780	700	3,115	1,100	4,895	70	11,000	4,990
4P-2000, 4P-2000AL	-	-	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	-	5.5/2.7	2.2	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	-	5.5/2.7	2.2	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
<b>1200 VIBRATIONS PER MINUTE — 6 POLE</b>																		
6P-300, 6P-300AL	63/46	29/21	57/40	26/18	1 & 3	3.9/1.9	0.8/0.4	0.5	1/4	50	220	125	555	250	1,110	60	2,500	1,135
6P-500	62	28	58	26	1 & 3	4.0/2.0	0.9/0.4	0.5	1/4	100	445	200	890	400	1,780	60	4,000	1,815
6P-1000	98	45	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	200	91	3	-	5/2.2	1.8	1-1/2	700	3,115	1,000	4,450	1,500	6,670	74	15,000	6,805
6P-2500	225	102	225	102	3	-	5/2.2	1.8	2	700	3,115	1,250	5,560	2,000	8,895	75	20,000	9,070
6P-5000	460	209	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
<b>900 VIBRATIONS PER MINUTE — 8 POLE</b>																		
8P-500	98	45	98	45	3	-	3.4/1.7	1.6	1/4	180	800	250	1,110	400	1,780	65	4,000	1,815
8P-750	200	91	200	91	3	-	4/2	1.5	1/4	400	1,780	575	2,560	800	3,560	74	8,000	3,630
8P-1250	225	102	225	102	3	-	4/2	1.5	1	400	1,780	700	3,115	1,250	5,560	75	12,500	5,670
8P-2500	460	209	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 weight is cast iron housing/second weight is Aluminum,(AL) signifies aluminum housing  
 † 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  
4P-1000AL  
6P-500  
AL IS  
ECO  
FRIENDLY

AL IS  
ECO  
FRIENDLY

4P-700  
4P-700AL  
6P-300  
6P-300AL



ELECTRIC

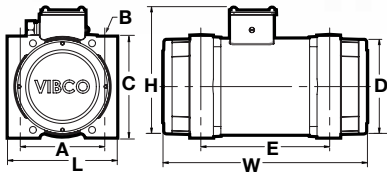
precast and prestressed industries; for screens and screeds and a variety of other industrial applications.

(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  $\pm 1/16"$  • Engineered dimensional drawings available on request