

Do you have Dirty Air and No Lubrication?

Try our recently introduced revolutionary Turboviber® Turbine Vibrator

Durable in Harsh Environments - First pneumatic vibrator to ever handle dirty air and a dirty environment. Design helps pass dirt out of vibrator.

Excellent Concrete Consolidators - High rpm's and ample force produce smoothly finished concrete.

Low Maintenance - Excellent choice for harsh environments such as a precast concrete plants. They are hassle free - no lubrication required. A plant foreman said he has never used a vibrator so fantastic - it out lasted any other vibrators he has ever tried. He said he reduced his downtime because it never stopped working. Other vibrators fill with dirt and seize up.

Problem Solvers - The high force output and high frequency make them the best choice to solve flow problems for hard to move products like limestone, wet sand, fly ash, and coal fines. The frequency excites the fine particles and the high force moves the mass. Connect the vibrator to a bracket and unload these stubborn materials from a railcar - just like turning on a faucet.

Starts Every Time - Starts in any position. Orientation is not critical because it has no vanes.

Permanent or Cradle-Lug Mount - The TV models fit a bracket for portability or can be bolted to a structure. TCL models fit standard cradle lug brackets.

Patented - NASA inspired turbine wheel design. All models are patent protected.



TV-X Series

TCL Series

PERFORMANCE DATA FOR TURBOVIBER® TURBINE VIBRATOR

VIBRATOR MODEL	UNBALANCE		AIR PRESSURE																			
			20 PSI (1.4 BAR)				40 PSI (2.8 BAR)				60 PSI (4.1 BAR)				80 PSI (5.5 BAR)							
			SPEED		FLOW		FORCE		SPEED		FLOW		FORCE		SPEED		FLOW		FORCE			
LB-IN	KG-MM	RPM	CFM	LPM	LBS	N	RPM	CFM	LPM	LBS	N	RPM	CFM	LPM	LBS	N	RPM	CFM	LPM	LBS	N	
TV-3X	0.368	42.34	9,000	< 10	< 283	845	3,761	11,000	30	850	1,263	5,618	13,000	40	1,133	1,764	7,846	14,000	50	1,416	2,046	9,100
TV-5X	0.525	60.49	9,000	< 10	< 283	1,208	5,372	11,000	30	850	1,804	8,025	13,000	40	1,133	2,520	11,209	14,000	50	1,416	2,922	12,999
TV-7X	0.750	86.41	9,000	< 10	< 283	1,725	7,675	11,000	30	850	2,577	11,464	13,000	40	1,133	3,600	16,012	14,000	50	1,416	4,175	18,570
TCL-2500	0.456	52.54	9,000	< 10	< 283	1,049	4,666	11,000	30	850	1,567	6,970	13,000	40	1,133	2,189	9,736	14,000	50	1,416	2,538	11,291
TCL-4000	0.734	84.52	9,000	< 10	< 283	1,688	7,507	11,000	30	850	2,521	11,214	13,000	40	1,133	3,521	15,662	14,000	50	1,416	4,084	18,164
TCL-6000	1.000	115.21	8,000	< 10	< 283	1,818	8,085	10,600	30	850	3,191	14,194	12,900	40	1,133	4,726	21,022	13,900	50	1,416	5,487	24,408

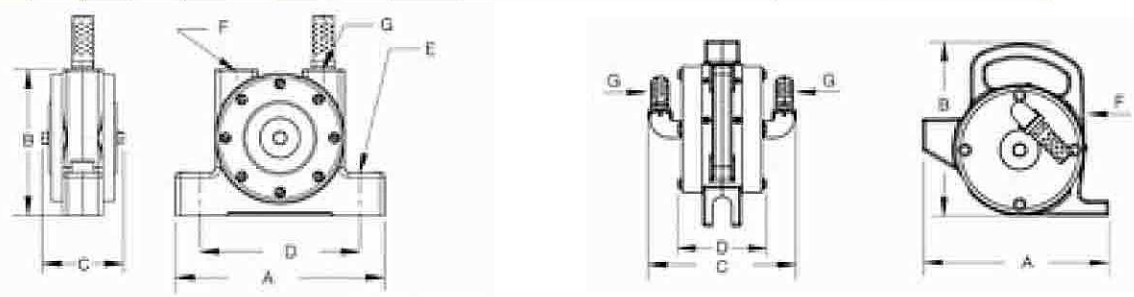
5 PSI (.34 BAR) required for start-up.

DIMENSIONS FOR TURBOVIBER® TURBINE VIBRATORS

VIBRATOR MODEL	WEIGHT		A		B		C		D		E		F	G
			LENGTH		HEIGHT		TOTAL WIDTH		BOLT CENTERS		BOLT HOLE		INLET PORT	EXHAUST PORT
			LBS	KG	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
TV-3X	13.3	6.03	10.5	267	7.3	185	4.0	104	8	203	25/32	20	1/2 NPT	3/4 NPT
TV-5X	13.4	6.08	10.5	267	7.3	185	4.0	104	8	203	25/32	20	1/2 NPT	3/4 NPT
TV-7X	13.5	6.12	10.5	267	7.3	185	4.0	104	8	203	25/32	20	1/2 NPT	3/4 NPT
TCL-2500	17.8	8.07	9.3	236	8.6	218	7.4	188	Fits Standard Cradle Lug Bracket		1/2 NPT	1/2 NPT - 2 PORTS		
TCL-4000	17.9	8.12	9.3	236	8.6	218	7.4	188	Fits Standard Cradle Lug Bracket		1/2 NPT	1/2 NPT - 2 PORTS		
TCL-6000	18	8.16	9.3	236	8.6	218	7.4	188	Fits Standard Cradle Lug Bracket		1/2 NPT	1/2 NPT - 2 PORTS		

Operating Requirements

20-80 PSI (1.4-5.5 BAR)
 10-50 CFM (283-1,416 LPM)
 Requires filtered air only.
 No lubrication required.



TV-X SERIES

TCL SERIES

CHICAGO VIBRATOR PRODUCTS
 1-800-842-7284 US AND CANADA
 1-630-920-9411 OUTSIDE US & CANADA

Turboviber®

