

**TurboViber® Turbine Vibrator Performance Data**

**TV-X - Two-Bolt Mount Vibrator Models**

Pressure		TV-3X			TV-5X			TV-7X		
		Speed	Flow	Force	Speed	Flow	Force	Speed	Flow	Force
		rpm	cfm	lb	rpm	cfm	lb	rpm	cfm	lb
Lpm	N		Lpm	N		Lpm	N			
psi	bar									
20	1.38	9,000	< 10	845	9,000	< 10	1,208	9,000	< 10	1,725
			< 283	3,761		< 283	5,372		< 283	7,675
40	2.76	11,000	30	1,263	11,000	30	1,804	11,000	30	2,577
			850	5,618		850	8,025		850	11,464
60	4.14	13,000	40	1,764	13,000	40	2,520	13,000	40	3,600
			1,133	7,846		1,133	11,209		1,133	16,012
80	5.52	14,000	50	2,046	14,000	50	2,922	14,000	50	4,175
			1,416	9,100		1,416	12,999		1,416	18,570
Unbalance		lb-in	0.368		0.525		0.750			
		kg-mm	4.23		6.05		8.64			
Start-Up Pressure		psi	5		5		5			
		bar	0.34		0.34		0.34			

**TCL - Cradle Lug Mount Vibrator Models**

Pressure		TCL-2500			TCL-4000			TCL-6000		
		Speed	Flow	Force	Speed	Flow	Force	Speed	Flow	Force
		rpm	cfm	lb	rpm	cfm	lb	rpm	cfm	lb
Lpm	N		Lpm	N		Lpm	N			
psi	bar									
20	1.38	10,500	< 20	1,428	10,500	< 20	2,297	10,500	< 20	3,131
			< 566	6,351		< 566	10,217		< 566	13,928
40	2.76	12,000	28	1,865	12,000	28	3,000	12,000	28	4,090
			793	8,295		793	13,345		793	18,191
60	4.14	13,400	38	2,325	13,400	38	3,741	13,400	38	5,100
			1,076	10,344		1,076	16,641		1,076	22,684
80	5.52	14,500	50	2,723	14,500	50	4,380	14,500	50	5,971
			1,416	12,112		1,416	19,485		1,416	26,561
Unbalance		lb-in	0.456		0.734		1.000			
		kg-mm	5.25		8.45		11.52			
Start-Up Pressure		psi	5		5		5			
		bar	0.34		0.34		0.34			