

Earthquake XT Air Turbine Vibrators

Quiet, Heavy Duty AND Low Maintenance

**The XT Series
is Engineered for Success**



XT Air Turbine Vibrators

XT Air Turbine Vibrators are ideal for applications in the food and pharmaceutical industries, and others involving fine, dry powders that respond well to high frequency vibration. They require no lubrication, and produce less noise than other types of rotary pneumatic vibrators. We have 12 models available, with forces from 29 pounds to over 2300 pounds.

Standard features & benefits

- Lightweight Alloy Body, powder coated to resist corrosion
- Matched & shielded ball bearings pre-lubricated with long life grease
- Low noise output
- Low air consumption*
- Adjustable force and frequency

Common Applications:

- Food Ingredient bins
- Pharmaceutical Ingredient bins
- Weigh hoppers
- Light duty vibrating tables & platforms
- Small feeders
- Transfer pipes
- Chutes

CANADA

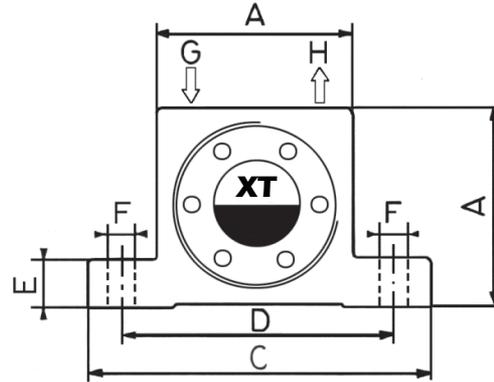
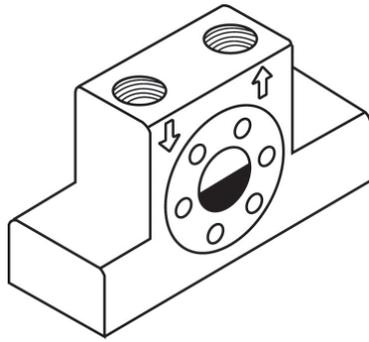
Earthquake Industries Inc.
PO Box 76069
1500 Upper Middle Rd, Unit 3
Oakville, ON L6M 3H5
Toll Free: 866.269.5743
www.Earthquakeindustries.com



USA

Earthquake Vibrators Inc.
126 Planters Creek
Myrtle Beach, SC. 29597
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Earthquake XT Technical Data



Dimensional Data

Model	A		B		C		D		E		F		G/H	Weight	
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	BSP*	kg	lbs
XT-40	40	1.57	28	1.10	70	2.75	56	2.20	10	0.39	6	0.23	1/8"	.167	.37
XT-60	40	1.57	28	1.10	70	2.75	56	2.20	10	0.39	6	0.23	1/8"	.161	.35
XT-80	50	1.97	33	1.30	86	3.38	68	2.68	12	0.47	7	0.27	1/8"	.255	.56
XT-100	50	1.97	33	1.30	86	3.38	68	2.68	12	0.47	7	0.27	1/8"	.258	.57
XT-130	65	2.56	42	1.65	113	4.45	90	3.54	16	0.63	9	0.35	1/4"	.555	1.22
XT-160	65	2.56	42	1.65	113	4.45	90	3.54	16	0.63	9	0.35	1/4"	.566	1.25
XT-200	80	3.15	56	2.20	128	5.04	104	4.09	16	0.63	9	0.35	1/4"	1.076	2.37
XT-250	80	3.15	56	2.20	128	5.04	104	4.09	16	0.63	9	0.35	1/4"	1.112	2.45
XT-300	100	3.94	73	2.87	160	6.30	130	5.12	20	0.79	11	0.43	3/8"	2.201	4.84
XT-360	100	3.94	73	2.87	160	6.30	130	5.12	20	0.79	11	0.43	3/8"	2.301	5.06
XT-400	120	4.72	83	3.26	194	7.63	152	5.98	24	0.94	17	0.66	3/8"	3.696	8.13
XT-480	120	4.72	83	3.26	194	7.63	152	5.98	24	0.94	17	0.66	3/8"	3.858	8.49

*will accept NPT

Operational Data

Model	Frequency VPM			Centrifugal Force						Air Consumption/Minute					
	2 Bar	4 Bar	6 Bar	2 Bar	29 PSI	4 Bar	58 PSI	6 Bar	87 PSI	2 Bar	29 PSI	4 Bar	58 PSI	6 Bar	87 PSI
	29 PSI	58 PSI	87 PSI	N	Lb	N	Lb	N	Lb	Litr	CF	Litr	CF	Litr	CF
XT-40	14000	14430	15000	135	30	180	40	200	44	33	1.1	58	2.0	83	2.9
XT-60	11500	12000	12500	130	29	175	39	210	47	33	1.1	58	2.0	83	2.9
XT-80	36000	42000	46000	990	222	2060	462	2910	652	46	1.6	80	2.8	112	3.9
XT-100	27500	35000	37500	840	188	1390	312	2400	538	46	1.6	80	2.8	112	3.9
XT-130	26000	30000	33000	1400	313	2440	574	3730	836	120	4.2	200	7.0	290	10.2
XT-160	17000	21500	24000	1220	274	2090	469	3160	708	120	4.2	200	7.0	290	10.2
XT-200	17000	20000	23000	2170	487	4040	906	5520	1238	185	6.6	325	11.4	455	15.9
XT-250	12000	15500	17000	2120	475	3510	787	5070	1137	185	6.6	325	11.4	455	15.9
XT-300	13000	14000	16000	3380	578	5430	1217	7540	1690	330	11.5	530	18.5	745	26.0
XT-360	8000	10000	13000	3290	738	5360	1202	7190	1612	330	11.5	530	18.5	745	26.0
XT-400	7700	8800	9500	4300	964	7300	1636	9800	2197	425	15	700	24.7	970	34.2
XT-480	6000	7500	9700	4900	1098	7700	1726	10500	2354	425	15	700	24.7	970	34.2

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