

Convey-All™/VTC Vibratory Tube Conveyor

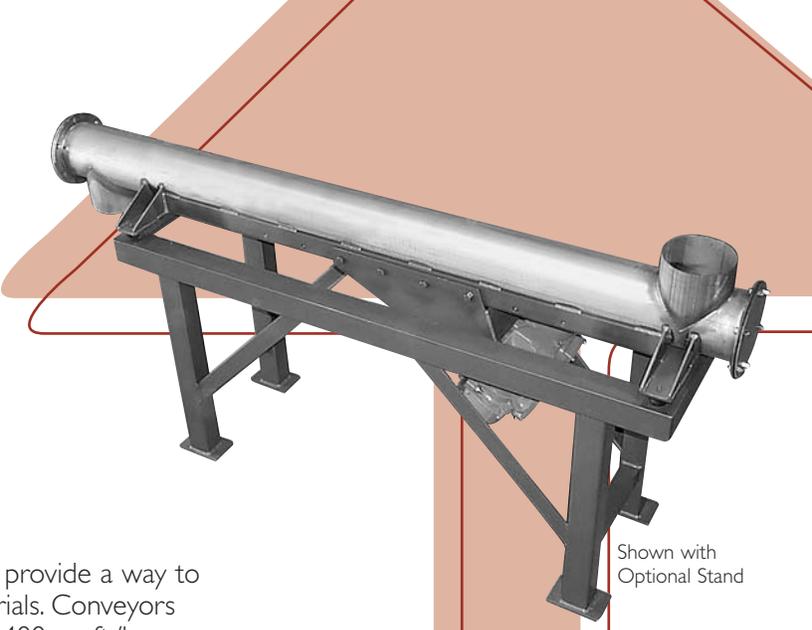
Metalfab Convey-All/VTC Vibratory Tube Conveyors provide a way to convey high rates of difficult flowing or friable dry solids materials. Conveyors are available in 4 to 10 ft. lengths and nominally convey up to 400 cu. ft./hr. Engineered with only two moving parts—vibrators and isolators, the conveyors are economical to use, easy to clean, and simple to maintain with virtually no process downtime.

Features/Benefits

- ▲ **Rugged, Flexible Design** provides long life and versatility to accommodate other Metalfab upstream and downstream equipment such as bin activators, bulk bag unloaders, Posibins™, feeders, and hoppers
- ▲ **Clamp-On Vibrating Tube** can be easily removed or replaced for use with other materials
- ▲ **Only Two Moving Parts** make the conveyor economical to operate and easy to maintain with virtually no process downtime
- ▲ **Choice of Top or Bottom Mounted Conveyor and/or Drive** provides maximum installation flexibility
- ▲ **Four Point Suspension System** isolates energy to the conveyor resulting in high conveying rates with low power consumption
- ▲ **Easily Accessible Cleanout Ports** provide quick and easy cleanout of the conveyor
- ▲ **Quiet Dust-Free Operation** meets OSHA decibel requirements and minimizes housekeeping
- ▲ **Optional SS Wetted Part Sanitary and Pressurized Designs** allow flexibility to meet a wide range of applications

Operating Characteristics

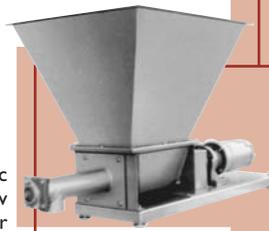
- ▲ Handles powders, pellets, flakes, and other dry solids
- ▲ Nine models in 4 to 10 ft. lengths
- ▲ 6" to 10" diameter tubes convey from 110 to 400 cu. ft./hr.
- ▲ Ruggedly built for continuous, long-lasting operation



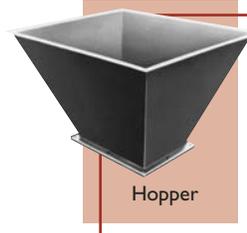
Shown with
Optional Stand



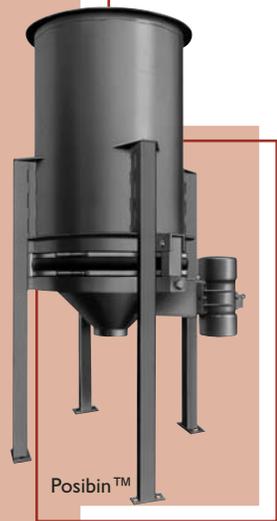
Bin Activator



Volumetric
Screw
Feeder



Hopper



Posibin™



Bulk Bag
Unloader

S P E C I F I C A T I O N S

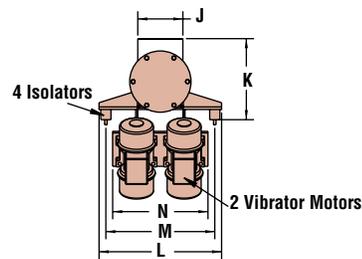
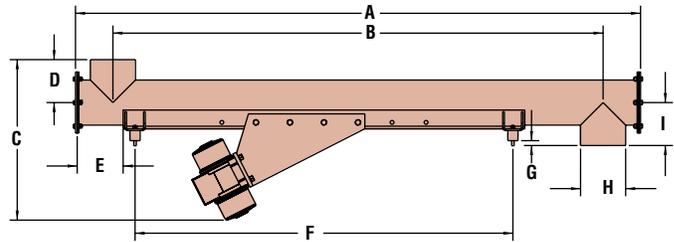
Construction

Standard Units: All metal contact parts are 304 stainless steel with 2B mill type finish.

Sanitary Units: All metal contact parts are 304 stainless steel with #4 polish on contact surfaces and Heliarc welds that are crack and crevice free. Epoxy painted exterior carbon steel parts.

Vibrator Motors/Isolators: Two TENV, 230/460V, 3 phase vibrator motors (below mounted vibrator standard; top mounted vibrators available at no extra charge). Four elastomer isolators to isolate energy to conveyor for high conveying rates at low energy consumption.

Available Options: End plate hand nuts; 1/4, 1/3 and 1/2 HP explosion-proof vibrator motors; bolted and gasketed access panel on top of tube; clear plastic end caps; conveyor tube extensions; high temperature items (isolators, spacers for vibrator motors, inlet/outlet sleeves). Consult factory for details.



Dimensions

Model	Convey Rate Max. (cu.ft./hr.)	HP	A	B	C	D	E	F	G	H	I	J	K	L	M	N
VTC-6-48	110	1/4	59	48	23-9/16	6-5/16	9	31-1/2	3/4	6-5/8 OD	6-5/16	6-5/8	11-15/16	18	16	14
VTC-6-60	110	1/4	71	60	23-9/16	6-5/16	15	31-1/2	3/4	6-5/8 OD	6-5/16	6-5/8	11-15/16	18	16	14
VTC-6-72	110	1/4	83	72	23-9/16	6-5/16	21	31-1/2	3/4	6-5/8 OD	6-5/16	6-5/8	11-15/16	18	16	14
VTC-8-72	175	1/3	85.50	72	29-9/16	8-5/16	14-1/4	52-1/2	1-1/4	8.62 OD	8-5/16	8.63	16.37	21	18	16
VTC-8-84	175	1/3	97.50	84	29-9/16	8-5/16	20-1/4	52-1/2	1-1/4	8.62 OD	8-5/16	8.63	16.37	21	18	16
VTC-8-96	175	1/3	109.50	96	29-9/16	8-5/16	26-1/4	52-1/2	1-1/4	8.62 OD	8-5/16	8.63	16.37	21	18	16
VTC-10-96	400	1/2	113.50	96	34.71	10	16-3/4	75-1/2	1-1/4	10.75 OD	10	10.75	18-3/8	24	20	19
VTC-10-108	400	1/2	125.50	108	34.71	10	22-3/4	75-1/2	1-1/4	10.75 OD	10	10.75	18-3/8	24	20	19
VTC-10-120	400	1/2	137.50	120	34.71	10	28-3/4	75-1/2	1-1/4	10.75 OD	10	10.75	18-3/8	24	20	19

Dimensions in inches.

For more information or a FREE test using your materials,
call toll free: 1-800/764-2999, Fax: 973/764-0272, e-mail: metalfab@metalfabinc.com or visit:

www.metalfabinc.com

Metalfab, Inc.

Dry Solids Processing Made Better by Design

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