

Convey-All™/FSC Flexible Screw Conveyor

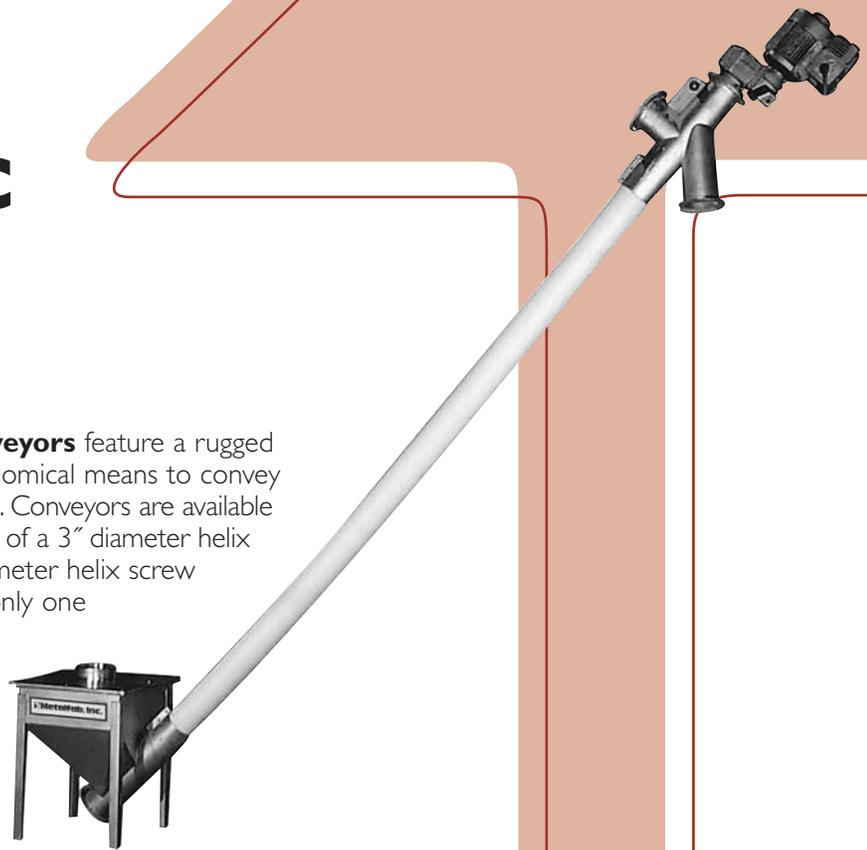
Metalfab Convey-All/FSC Flexible Screw Conveyors feature a rugged modular design and provide a highly effective yet economical means to convey powder or granular material without product separation. Conveyors are available in configurations from 10 to 20 ft. lengths with a choice of a 3" diameter helix screw rated to convey up to 150 cu. ft./hr. or a 4" diameter helix screw rated to convey up to 450 cu. ft./hr. Engineered with only one moving part, the conveyors are economical to use, easy to clean, and simple to maintain with virtually no process downtime.

Features/Benefits

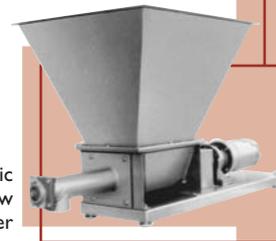
- ▲ **Rugged, Flexible Design** provides long life and versatility to accommodate other **Metalfab** upstream and downstream equipment such as bin activators, bulk bag unloaders, Posibins™, feeders, and hoppers
- ▲ **Only One Moving Part** makes the conveyor economical to operate and easy to maintain with virtually no process downtime
- ▲ **Top and Bottom Cleanout Ports** provide access flexibility in tight spaces and allow the conveyor to be easily cleaned
- ▲ **Standard 304 SS Helix Screw and Contact Parts** permit use in a wide range of applications
- ▲ **Dust-Free Connections** minimize housekeeping and permit use in any plant environment (sleeve and clamps optional)
- ▲ **Optional Sanitary Design** available upon request

Operating Characteristics

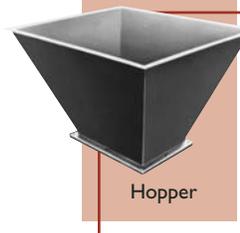
- ▲ Handles powders, pellets, flakes, and other dry solids
- ▲ Two models in configurations from 10 to 20 ft. lengths
- ▲ 3" diameter flat open-type helix screw with beveled edges conveys up to 150 cu. ft./hr. and 4" diameter helix screw conveys up to 450 cu. ft./hr.
- ▲ Ruggedly built for continuous, long-lasting operation



Bin Activator



Volumetric
Screw
Feeder



Hopper



Posibin™



Bulk Bag
Unloader

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

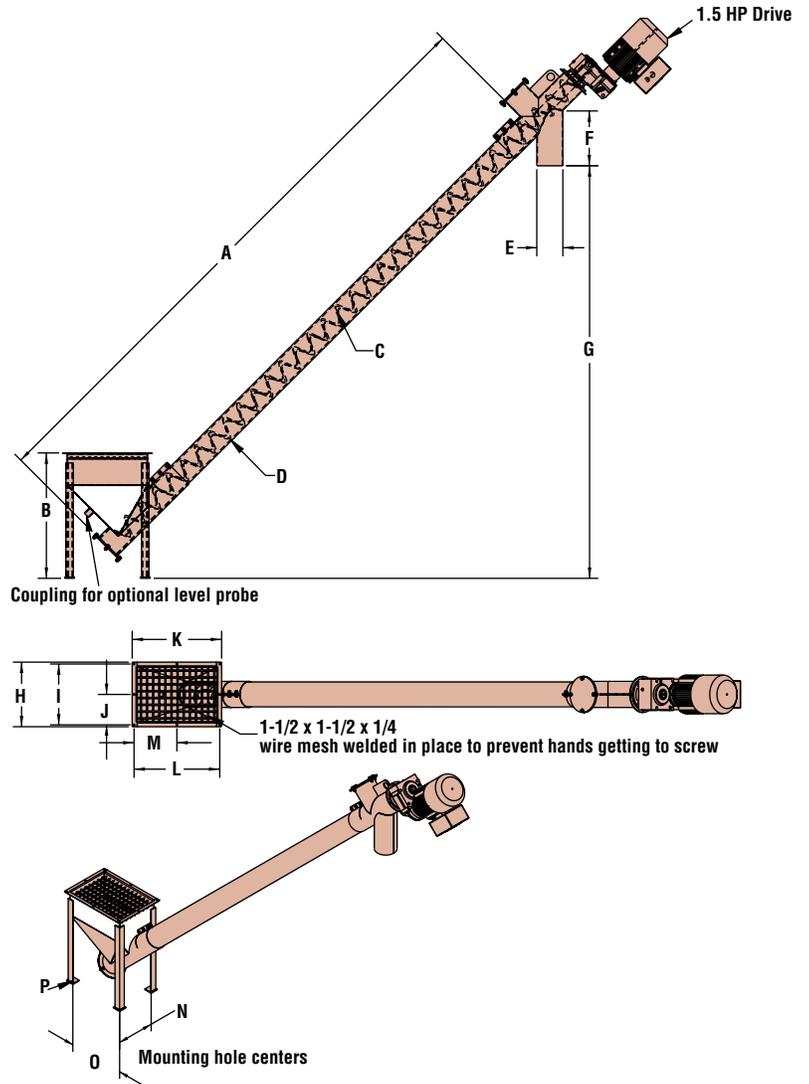
Construction

Standard Units: All metal contact parts are 304 stainless steel with 2B mill type finish. Tube is white UHMW (most effective at 30° to 60° inclination).

Standard Units: All metal contact parts are 304 stainless steel with 2B mill-type finish and Heliarc welds that are crack and crevice free. Food grade lubricants, food grade Teflon® seal between drive and product zone and wash down type motor painted with white epoxy finish.

Drive Motor: Powerful 1-1/2 HP, 230/460 volts, 3 phase inverter motor conveys high density materials and allows use of variable speed controls.

Available Options: Level probe; explosion-proof level probe; explosion-proof drive motor; conveyor tube extensions; 304 stainless steel trough cover; open top 304 stainless steel hopper; quick clamps for hopper or trough covers; Metalfab dump and DBI feeder-type dump hoppers; hopper vibrators (air or electric); pneumatically operated discharge diverter with two 6" diameter discharge ports; portable support stands; special controls (consult factory for details).



Dimensions

Model	Convey Rate Max. (cu.ft./hr.)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
FSC-3-10 328#	150	120	25-1/4	3" OD x 3" Pitch Screw	4" OD x 1/4" Poly Wall Tube	5-1/4	11	83-1/8	13	12-1/4	6-1/8	18	17-1/4	8-5/8	10-1/4	15-1/4	(4) 1/2 Dia. Holes
FSC-4-10 352#	450	120	25-1/4	4" OD x 4" Pitch Screw	5" OD x 1/4" Poly Wall Tube	5-1/4	11	120	13	12-1/4	6-1/8	18	17-1/4	8-5/8	10-1/4	15-1/4	(4) 1/2 Dia. Holes

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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