

Stinger[®] Conveyor

Built to Last. Engineered to Increase Productivity

Wrestling with pigments, clays, talcs, stearates, or other stubborn powders? Our patented Stinger[®] Conveyor is engineered to make your life easier. It's the ultimate solution for transferring those hard-to-handle materials, providing reliable conveying and metering of fine particles – especially those 100 mesh and below.



Learn
more at
younginds.com

No Moving Parts in the Conveying Zone

The Stinger® Conveyor features a solid metal outer tube with a special 316 stainless steel TransFlow® lining in the inlet, interior, and discharge sections. Because there are no moving parts in the conveying zone, you can count on less maintenance and a longer lifespan. It uses your plant's compressed dry air, making it simple to set up and operate.

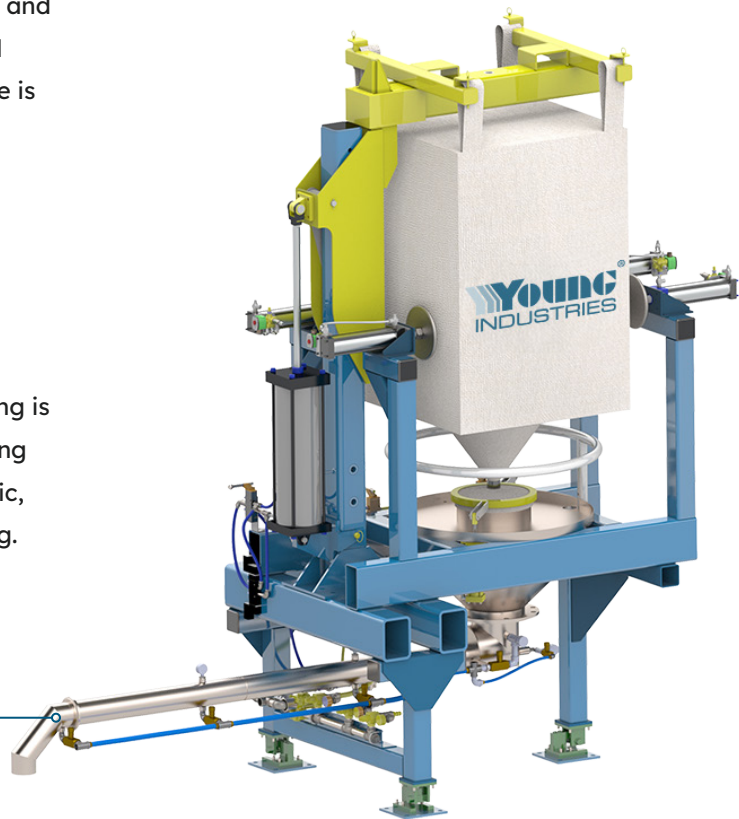
The TransFlow® lining is porous 316 stainless steel with an ultra-smooth finish, manufactured for precise control of permeability and strength. This media creates an even layer of air inside the tube that allows your material to glide effortlessly. Control the throughput capacity by adjusting the air volume and pressure. For most applications, 3 to 5 PSIG is all you need. (The maximum recommended pressure is 15 PSIG.)

Where Others Fail, the Stinger® Prevails

Stinger® Conveyors excel when space is tight, headroom is restricted, or your convey line routing is complex. They've proven themselves in demanding industries like chemical, paint and coating, plastic, food, bakery, and pharmaceutical manufacturing.

Model Number	Conveying Capacity Range
STR 4 x 1.5	up to 3,200 lbs/hr (1,600 kg/hr)
STR 4 x 2	up to 6,000 lbs/hr (2,700 kg/hr)
STR 6 x 3	up to 15,000 lbs/hr (6,800 kg/hr)
STR 6 x 4	up to 25,000 lbs/hr (11,200 kg/hr)
STR 8 x 5	up to 40,000 lbs/hr (18,181 kg/hr)
STR 8 x 6	up to 60,000 lbs/hr (27,300 kg/hr)

Custom sizes and designs available. Capacity dependent on material handled, convey length, and application.



Sizes for Your Needs

Standard conveyor sizes are 1.5", 2", 3", 4", 5", and 6" in diameter.

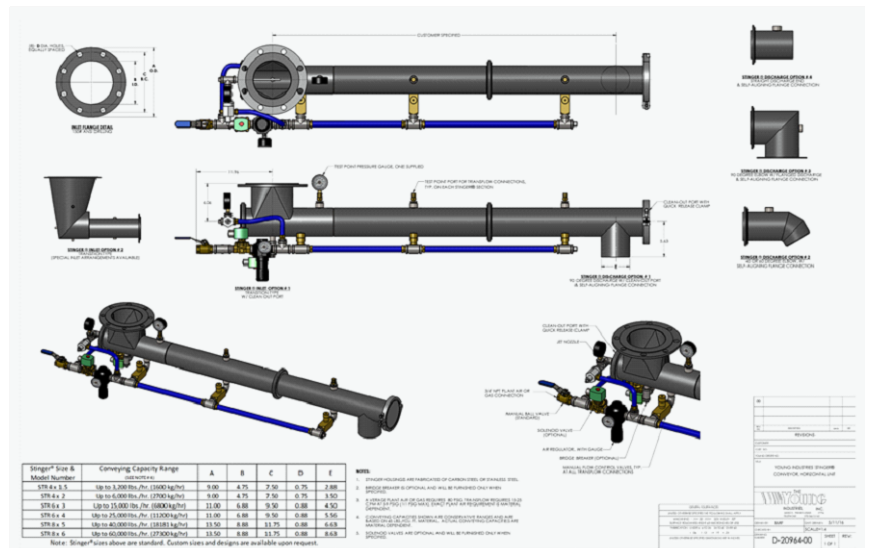


Fine Tune Your Process with Product Testing

Want to see how the Stinger® Conveyor handles your specific material? Schedule a test at our Muncy, PA facility! Our experienced team will run tests using your actual product, and you can see the results firsthand. We also offer other bulk material handling equipment to solve your pneumatic conveying, mixing, and blending challenges.

Free Application Engineering Assistance

Our engineers are ready to help you design a Stinger® conveyor that's the perfect fit for your needs. Contact us today to discuss your application and see how we can design the solution that's right for you.



Stinger® Size #	Conveying Capacity Range (lb/hr)	A	B	C	D	E
STB-A 3.5	Up to 3,000 lbs/hr (1360 kg/hr)	8.00	4.75	2.50	0.75	2.88
STB-A 3	Up to 4,000 lbs/hr (1818 kg/hr)	9.00	4.75	2.50	0.75	3.00
STB-A 3	Up to 15,000 lbs/hr (6800 kg/hr)	11.00	6.88	3.50	0.88	4.50
STB-A 4	Up to 25,000 lbs/hr (11300 kg/hr)	13.00	6.88	3.50	0.88	5.50
STB-A 5	Up to 40,000 lbs/hr (18180 kg/hr)	15.50	8.88	3.75	0.88	6.50
STB-A 6	Up to 60,000 lbs/hr (27300 kg/hr)	18.50	8.88	3.75	0.88	8.50

Note: Stinger® Sizes shown are standard. Custom sizes and designs are available upon request.

Questions?

Feel free to contact us anytime.
Our team is always here to help and
provide the support you need!

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