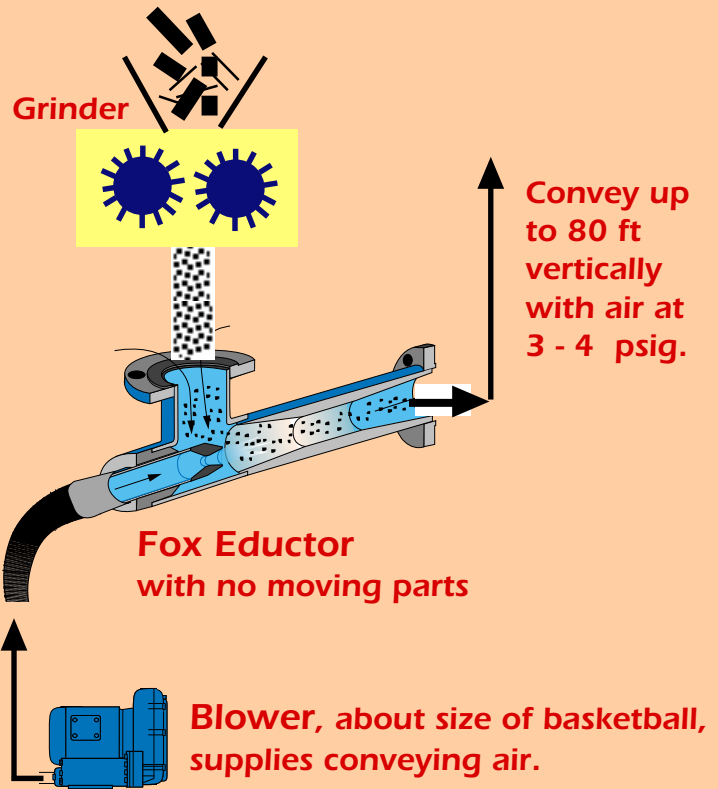


Convey **Ground Plastic** from Your Grinders with **No Moving Parts!**

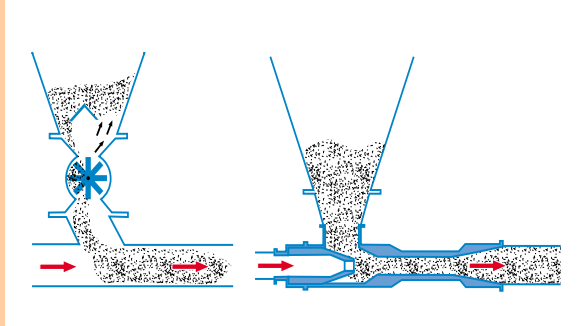
using
Fox
Venturi
Eductors
No Maintenance!
No Spare Parts!

Since 1963, Dozens of Fox Eductors are Conveying Regrind, Flakes, & Ground Film with 24/7 Reliability.



Since 1963, Fox venturi eductors have been in continual service conveying plastic reclaim from grinders. With no moving parts, eductors represent a far simpler and more reliable way to handle regrind, chips, flakes, and ground film. Fox eductors have replaced material handling fans and rotary airlocks at dozens of plants, replacing high-maintenance, failure-prone equipment with a simple, highly reliable conveying system with no moving parts. Fox eductors

have no seals, bearings, or rotors to get damaged by thin pieces of regrind or film scrap.



A Fox Eductor, right, has replaced dozens of rotary airlocks, on left, when handling plastic regrind, flakes, chips, and film. Airlock rotors, seals, and bearings often see frequent failure from regrind. Fox eductors, with no moving parts, work reliably with coarsely ground plastic scrap.



A Cart-Mounted, Mobile Eductor Conveying System shows how compact and simple conveying from grinders can be. The above system includes a small blower producing 3 psig driving a Fox eductor. Such a system can typically convey material about 100 ft.

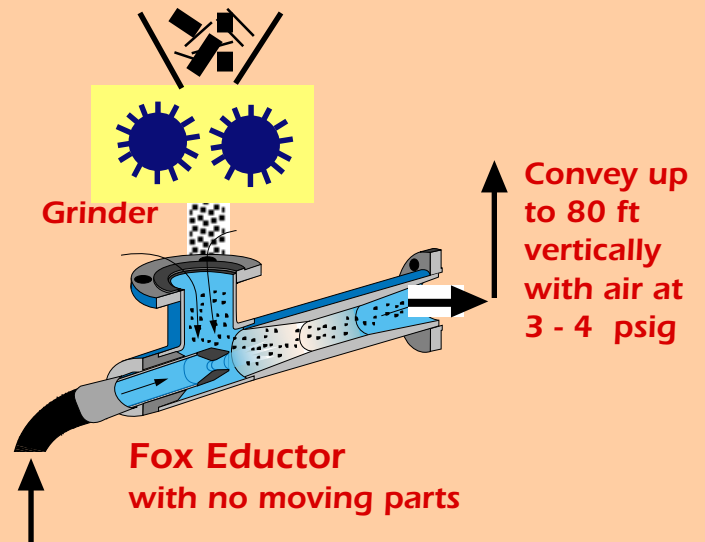
Conveying from Grinders with Fox Eductors

- **What Size Do I Need?**
- **What Comes with a System?**
- **How Much Does It Cost?**

You can use the table below to estimate the approximate cost of the Fox blower+eductor system you require.

Particle Size: Please remember that the particle size coming out of your grinder is just as important as the convey rate in determining what size conveying system you require. For example, if your grinder is producing only 200 pounds per hour, but the particle size is between 1/2" - 3/4" flakes, we can't use a 2" system. A 3" or 4" system may be required. However, if the particle size is 1/4" and below, a much smaller 2' system can be used.

Delivery: Standard Blower/eductor systems can ship in **one week**.



Eductor /Blower Size	Approx Max. Convey Rate: Re grind, flakes up to 100 ft. *	Req' Convey Line/ Pipe Size	Max. Part- icle Size	Approx Cost for Basic Blower/Eductor System
2" Eductor w/2.5 HP Blower	400 lbs/hr	2.5" OD tube	1/4"	\$2100.
3" Eductor w/5 HP Blower	1500 lbs/hr	3" OD tube	1/2"	\$3900.
4" Eductor w/10 HP Blower	4500+ lbs/hr	4" OD tube	3/4 "	\$5500.
5" Eductor w/15HP Blower	6000+ lbs/hr	5" OD tube	1"	\$8100.

Basic Blower/Eductor System includes:

- Carbon Steel Eductor
- Side-Channel Blower
- Blower Inlet Filter
- Fittings + 5 ft hose to connect blower and eductor

Optional Equipment:

- Inlet Hopper/Transition
- Pressure Relief Valve + Check Valve
- Mobile Cart

* Shorter distances of 25 - 50 feet will have max rates about 15 - 20% higher than above rates for 100 foot long piping.

Enlarged Suction Port Eductors

When conveying from grinders, a critical concern is ensuring that the irregularly-shaped flakes can enter the eductor without bridging. To facilitate transitions from grinder outlets while minimizing the chance of bridging, Fox supplies Enlarged Suction Port eductors which are built to exactly match the outlet flange of your grinder.



Fox Venturi Eductors have been used to convey plastic pellets, scrap, and reclaim since 1963. Call, fax, or email us for a quotation on your **scrap conveying** application.

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