

SMART SOLUTIONS TO KEEP YOU MOVING!

Ensign screw conveyors are an economical method to move or load material quickly and efficiently.

This product is designed to feed pellets, granules, flakes and free flowing powders into storage vessels, mixers or other down-stream processes. They are often used in conjunction with surge bins, mixers, power hoppers and silos to deliver material to point-of-use systems or processes.

Using variable speed drives and other automation, we can also integrate this product into your overall process to provide more precise control of feed rates and process requirements.

Ensign screw conveyors are built with durable, high quality components designed for years of trouble-free operation. If you should ever need it, superior customer service is immediately available from the Ensign Service Team. Most parts are in stock and available to ship same day.

Key features:

- Heavy duty steel or stainless steel body construction
- Steel or stainless steel auger construction
- Direct gear drive for long life and added safety
- Flanged idler bearing
- Adjustable Teflon dust seal
- Baldor TEFC or inverter duty motors
- Industry leading two year warranty on all parts and workmanship



See back page for additional options and specifications.

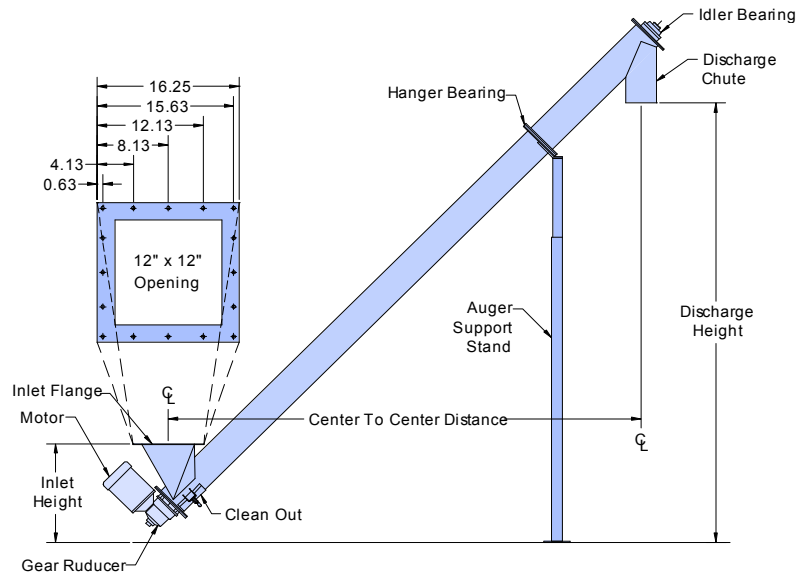
Screw Conveyors

Standard Features:

- Heavy duty steel body construction
- Steel industrial auger construction
- Direct gear drive for low maintenance
- Compressible Teflon bearing dust seal
- TEFC motor
- Auger slope—horizontal up to 60 degrees
- Ensign Blue Epoxy

Optional Features:

- 304SS or 316SS construction
- Fully welded auger flighting
- Abrasion resistant (AR) auger flighting
- Variable speed drives
- U-trough w/ easy access covers
- Inverter duty motors
- Top mounted drive systems
- Multi-stage conveyors
- Adjustable support stands
- Custom Paints and Coatings



Model No.	Auger Dia (Inches)	Tube Dia (Inches)	Max Length	HP	RPM	Slope	Delivery ** (per hour)
20-1000	2.7 *	3.5	50'	1.5	345	60 deg	50 ft3
20-2000	2.7 *	3.5	50'	1.5	345	45 deg	60 ft3
20-3000	3.6 *	5	30'	2	345	60 deg	100 ft3
20-4000	3.6 *	5	30'	2	345	45 deg	120 ft3
20-5000	4	5	30'	2	232	60 deg	150 ft3
20-6000	4	5	30'	2	232	45 deg	180 ft3
21-1000	6	7	30'	3	232	60 deg	280 ft3
21-2000	6	7	30'	3	173	45 deg	320 ft3
21-3000	9	10	30'	5	173	60 deg	600 ft3
21-4000	9	10	30'	5	173	45 deg	700 ft3

* Indicates coreless or "flex" augers

** Delivery rates above are calculated using dry, free-flowing plastic pellets with a bulk density of 35 lb/ft3. Contact us for more information relating to your materials and processes.

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