

SAMPLE APPLICATIONS

- **GLASS BEAD**
- **CHEMICALS**
- COSMETICS
- **PIGMENTS**
- **PLASTICS**
- **PELLETS**
- **RESINS**
- **BATTER**
- IQF
- **SPICES**
- **PEANUTS**

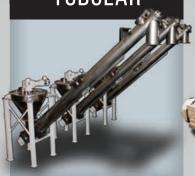
- **FOOD INGREDIENTS**
- **SUGAR**
- SALT
- PET FOOD
- **BIOMASS**
- **DEHYDRATED FOODS**
- **WOOD PRODUCTS**
- **METAL POWDERS**
- COFFEE
- **FERTILIZER**
- **GRAPES**

TESTING & RENTAL **UNITS AVAILABLE**

SPLIT TUBE

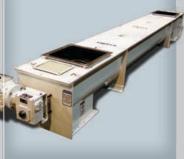


TUBULAR





U-TROUGH



CUSTOM

●S.HOWES







SCREW CONVEYORS

SCREW CONVEYORS



ENGINEERED-TO-ORDER

S. Howes' sales and engineering personnel can recommend a standard design for your application or work with you to develop a custom design, depending on your unique needs. If the features you need are not listed, call to see how we can develop a solution to meet your requirements.

STANDARD FEATURES FOR ALL S. HOWES CONVEYORS

- HEAVY-DUTY construction is standard, starting with 7 gauge troughs and ¼" flighting
- Stainless steel, carbon steel, or other alloys available for construction
- Portable, inclinable standard designs
- Inclined or horizontal
- Bottom mount direct drive, top mount available
- · Continuous or intermittent auger weld

OPTIONAL FEATURES

- High grade finishes up to #4 or higher
- Agitators for hoppers
- · Various shaft seal options
- Low clearance augers
- Oversized shafting
- Custom drive arrangements
- Motor Controls
- ... built to your specifications & requirements

CONVEYOR MODELS



SPLIT TUBE

- Unique S. Howes design
- Hinged covers allow for easy access and cleaning
- Perfect for food applications
- Hoppers are removable
- · Maintenance friendly
- Tubular conveyor efficiency

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TUBULAR

- Economical
- · Enclosed tubular housing
- · Ideal for single-product use
- Eliminates U-Trough dead space
- Heating & cooling options
- · Limited access to auger

U-TROUGH

- Accessible auger
- Cover options
- Heating & cooling options
- Variety of liners available
- CEMA options



CUSTON

- Multiple augers
- Unloading hoppers
- Live-bottom bins
- Non-standard sizes
- Plastic augers

HOPPER OPTIONS



STANDARD

- Standard sizes of 1 ¼, 2 ¼, 4, and 5 ½ cubic feet are available
- Larger holding capacity options
- Custom covers
- Removable or bolted safety grating
- · Spiked agitator options



THRU-FLOW

- Designed for difficult materials prone to bridging
- Easily mates to other equipment
- Stub or flanged connection
- Optional jacket for heating and cooling



CONICAL

- Perfect for difficult materials prone to bridging
- Spiked or ribbon agitators available
- Vibratory options

CUSTOM

- Custom engineered agitators
- Special geometry
- Dust hoods
- Self-unloading hoppers
- Magnets & metal detectors

CONVEYOR CAPACITY GUIDE* (OTHER SIZES ARE AVAILABLE)													
AUGER DIAMETER	4"	6"	8"	9"	10"	12"	14"	16"	18"	20"	24"	30"	36"
MAX CAPACITY (FT ³ PER HOUR)	120	380	820	1,200	1,700	2,800	4,400	6,000	8,000	11,000	16,400	29,500	43,500

^{*} Capacities are approximate and dependent on several factors. Contact S. Howes to discuss your specific application.