

Process Equipment



Complete Range of Equipment:

- Mixers & Blenders
- Screw Conveyors
- Thermal Conveyors
- Screeners & Separators
- Size Reduction



Mixers & Blenders

S. Howes mixers and blenders provide superior, uniform mixing with either ribbon, paddle or ploughshare agitators and can be used in batch or continuous operation. Double-ribbon agitator mixers feature our original reverse-spiral design for consistent, high capacity blending. Mixall, Powermix, Sanimix, Continuous Mixers, and jacketed mixers are available for a variety of industries and applications. All mixers can be custom engineered for specific materials and requirements.



Batch Ribbon
Blenders



Lab Mixer



Batch Paddle
Blenders



Continuous Paddle
Mixer



Jacketed Mixer (Heating & Cooling)



Ribbon Agitator



Paddle Agitator



Ploughshare Agitator

Screw Conveyors

S. Howes conveying equipment includes heavy-duty and sanitary screw auger designs, Split Tube conveyors, Tubular conveyors, and U-trough conveyors with dewatering, drying, heating and cooling options. Heat transfer is accomplished through contact with an external jacket and/or through the transfer auger itself. Feeders can be customized with several shaft seals and various hopper designs.



Thermal Conveyor



Split Tube



U-Trough



Tubular Feeder



Custom Conveyors



Durable Processing Solutions:

Quality and robust equipment from S. Howes is built for a lifetime and is proven in numerous industrial applications. Some of our oldest equipment in use today is over 75 years old.

Screeners & Separators

S. Howes Screeners use a vibratory or rotary design, and include vibrating tables, separating components, Centrifugal Power Sifters, Air Finishers, and Snappy Shakers. We design and build custom separating and screening equipment to meet specific requirements.



Power Sifter



Air Finisher



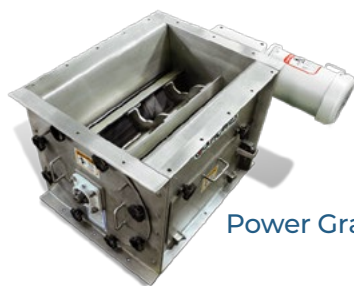
Grain Cleaner



Snappy Shaker

Size Reduction

S. Howes accomplishes material size reduction with a variety of cutting equipment including Granulators, Lump Breakers, Knife Cutters, and Power Graters. Our size reduction equipment can be customized for each specific application and size requirements.



Power Grater



Knife Cutter



Lump Breaker



Granulator

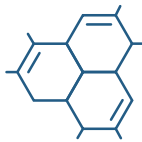
Auxiliary Equipment

In addition to our core processing solutions, we offer a full range of auxiliary equipment designed to enhance system performance and efficiency. From bag dump stations and control panels to chillers and other critical components, these add-ons seamlessly integrate with your main equipment to create a more complete, reliable, and customized operation. Additional equipment includes bin vents, mixer intensifiers, hopper agitators and more.

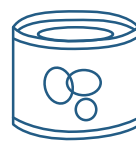
Industries We Serve



Biomass & Biofuels



Chemicals & Plastics



Food & Pet Food Processing



Forest Products



Minerals Processing



Oil & Gas



Pharma & Nutraceuticals



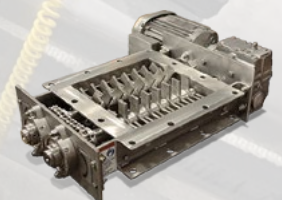
Waste & Recycling

Complete Integrated Systems

As a subsidiary of Carrier Process Equipment Group (CPEG), S. Howes can provide additional processing equipment such as dryers, coolers, dust collectors and shakeouts to handle various stages of material processing. These machines can be integrated upstream into existing or new process lines.

S. Howes Process Equipment is:

- Built to Last
- Robust, Reliable & Proven
- Designed for Versatility
- Custom Engineered to Order



Engineering & Manufacturing

- 3D equipment modeling
- State-of-the-art manufacturing facilities on three continents with robotic cutting and welding
- Manufacturing expertise working with mild steel, various grades of stainless steel, duplex steels and other exotic alloys for specialty applications
- Welders certified to ASME & AWS standards
- ISO 9001:2015 certified



Lab Testing

Be confident that your powder and bulk solids processing is efficient with CPEG's 15,000 ft² state-of-the-art test lab. With our lab, you have access to the most extensive testing capabilities in the industry. Multiple pieces of equipment can be combined for multistep and multistage testing to simulate field operation, validate new equipment designs and provide complete process solutions. Combined with our full analysis of material characteristics and measurements of material behavior in specific processing applications, you are assured an efficient, reliable and safe solution.

Field testing with rental equipment is available when lab testing would not effectively simulate process operating environments.

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100% **EMPLOYEE OWNED**



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