

Heli-Sift™

EZ900 gravity & inline sifter

INFORMATION

Increased demand in the marketplace for frequent screen inspections has led Shick Esteve to develop a best in class centrifugal sifter. Advancing upon features previously available, the newly designed units are built with EZ access to the screen. These high throughput units are built for tool free inspections allowing for quick screen removal and 360-degree inspection by an operator in 5-10 minutes. Units are available in both gravity and inline configurations.

The “g” model is configured for use in gravity applications. The unit is designed as a direct replacement for the SRS 200 sifter previously offered by Shick Esteve. The EZ900g is available with or without an integrated stainless steel hopper.

The hopper is designed to allow both static vent filters or Shick Esteve’s MQC line of self cleaning filters.

The “i” model is both pressure and vacuum rated and designed for inline use within a pneumatic conveying system. The EZ900i features an inlet configuration that allows 360 degree rotation in 90 degree increments. This feature provides greater flexibility when integrating into the conveying system. Reducing the number of elbows will result in lower energy consumption in the system as a whole. The EZ900i comes standard with an integrated discharge hopper and sanitary support stand.



DIMENSIONS

- **Screen height:** 42”/1067 mm
- **EZ900g unit height:** 77 ½ /1969 mm
- **EZ900i unit height:** 79 ½ / 2019 mm
- **EZ900i hopper slope:** sides 86°, front/rear 60°
- **EZ900g weight:** 540lbs/245 kg
- **EZ900i weight:** 730lbs/331kg



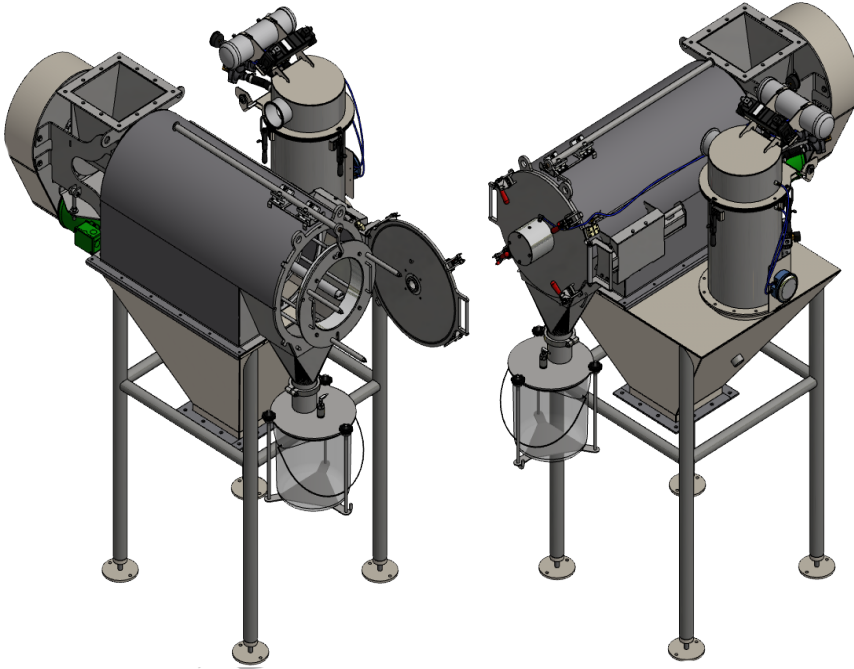
STANDARD FEATURES

- Tool free design allows for quick disassembly and reassembly.
- Helical impellers that provide greater dispersion of material effectively creating a more efficient sifting process.
- The EZ screen removal design allows one operator to perform 360-degree screen inspection in 5-10 minutes.
- Belt or direct drive configurations.
- Slide rail screen extraction with integrated screen support.
- Multiple screen mesh and material options.
- EZ900g is a direct replacement of the SRS 200 gravity sifter previously offered by Shick Esteve.

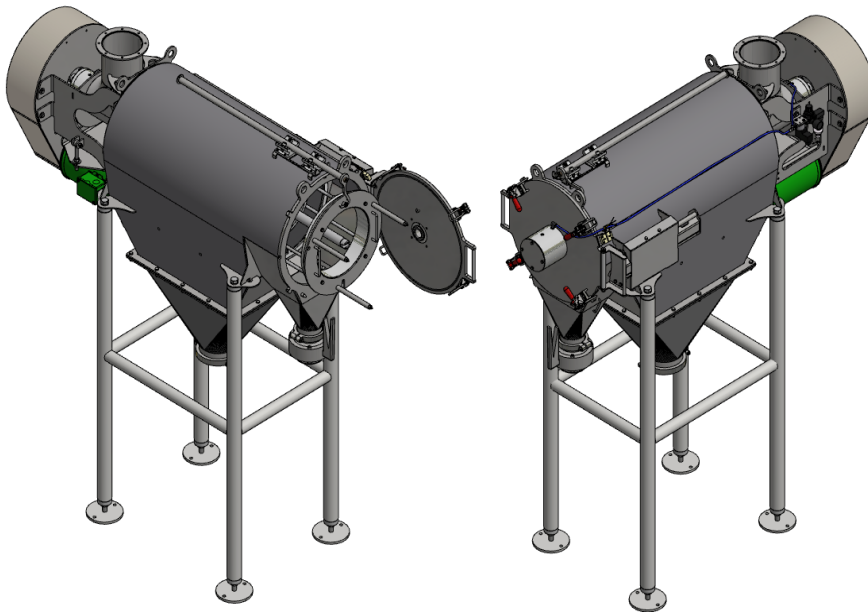
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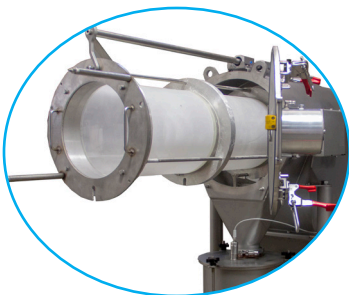
EZ900g (Gravity)



EZ900i (Inline)



Mesh Screen



Wedgewire Screen



OPTIONS

- Screens - #6 through #30 mesh
- Standard materials - nitex, stainless steel wedgewire
- Custom mesh & material also available
- Custom hopper/hopper outlet flange designs
- Custom finishes
- Tailings isolation butterfly valve
- MQC dust collection
- Static vent filter (various materials)

SPECIFICATIONS

- Standard materials: 304 S/S with bead blasted exterior finish
- Air pressure: Required 5-32 PSI of clean dry air pressure and air consumption of 6 SCFM
- Motor voltage: 230/460 Volt, 3 Phase
- Control power: 120VAC or 24VDC
- Removable helical impeller
- Tailings level switch
- Sanitary pipe legs standard
- Access door safety switch
- External mounted bearings with triple lip seal and air purge