

SWECO®

BIGMAX™ GYRATORY SIFTER

HIGH CAPACITY AND HIGH PERFORMANCE IN THE SAME MACHINE

The new SWECO® BigMax™ Gyrotory Sifter builds on the unparalleled success of the GyraMax line of sifters. Known for their durability, reliability and accuracy of separation, GyraMax sifters are used throughout the world to handle the most demanding screening applications such as frac sand, resin coated sand, ceramic proppant, activated carbon, fertilizer, limestone, petroleum coke, plastic pellets, PVC powder, roofing granules, salt, sugar, and more. Now with the introduction of BigMax, SWECO adds high capacity screening to the list of GyraMax features. The BigMax provides extremely high capacity in a very compact, energy efficient footprint. Benefits include...

Benefits

- 360 ft² (33 m²) of screen area in “one mesh” (two fractions) configurations
- 240 ft² (22 m²) of screen area in “two mesh” configurations
- 120 ft² (11 m²) of screen area in “three mesh” and “four mesh” configurations
- Unique, single bearing, zero maintenance drive
- Fast, easy screen changes – no heavy lifting and no tedious clips to engage

The SWECO BigMax is the only “megasifter” that offers all the following features...

Features

- Screens can be replaced from either end of machine without having to remove the ball trays
- 12 ft (3.7m) of screen deck length provides long retention time and accurate separations
- Overs and unders from each deck can be independently sampled – no more guesswork about which screen has failed
- Field convertible configuration changes
- Can be fed at single point or independently to each deck
- Screened fractions from each deck can be combined or kept in separate outlets



We Put Technology In Motion™
www.sweco.com

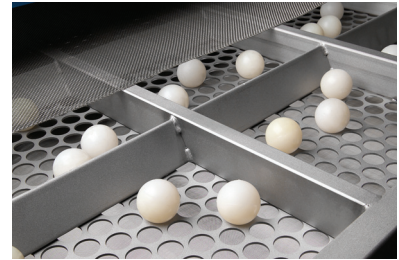


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Quick and Easy Screen Change

Modular Slide-in Ball-Decks

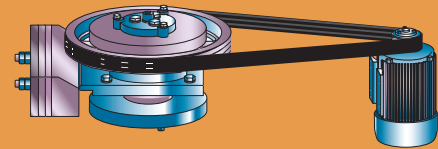
All screens are equipped with welded metal “ball-decks”. Since no screen attachment clips are used, the ball decks can be fabricated from heavy duty rectangular steel tubing and heavy gauge perf plate resulting in much greater durability than offered by the light gauge sheet metal ball decks used in other equipment. The ball-decks are modular so they can be handled in sections. Once a screen is removed, the ball deck below that screen can also be removed without disturbing any other screen or ball tray.



Benefits of the SWECO BigMax Drive

The SWECO BigMax is built around a unique drive that is warranted for three years and requires no routine maintenance. While other equipment uses complex drives with gears, oil baths, springs or as many as seven bearings, the BigMax drive uses a SINGLE sealed bearing that is lubed for life. No need for periodic lubrication or oil changes and no chance of an oil leak or spill that could compromise plant safety.

3-Year Drive Warranty



The patented eccentric weight single bearing drive assembly is lubricated for life. No oil bath, gears, springs, or heavy counter weights to handle.

DESIGNED WITH 25 YEARS OF CONTINUOUS IMPROVEMENT, POWERED BY A DRIVE PROVEN IN HUNDREDS OF SUCCESSFUL WORLDWIDE INSTALLATIONS, BUILT BY A COMPANY WITH A DEMONSTRATED COMMITMENT TO QUALITY*. IT ALL ADDS UP TO A SOLUTION YOU CAN COUNT ON TO MAXIMIZE YOUR SCREENING PRODUCTIVITY.

* **BigMAX** IS THE **ONLY** AMERICAN MADE, HIGH VOLUME SIFTER BUILT IN A FACTORY THAT HAS BEEN REGISTERED TO ISO 9001:2000, ISO 14001:2004, OHSAS 18001:1999

Specifications and Options

Specifications

- **Sizes:** One Mesh: up to 360 ft² (33 m²)
Two Mesh: up to 240 ft² (22 m²)
Three or Four Mesh: 120 ft² (11 m²)
- **Number of Decks:** 4 - 8, each 5 x 12 ft (1.5 x 3.7 m)
- **Ball Deck Cleaning:** Synthetic Balls / Metal Frames
- **Enclosed Construction:** Gasketed Steel Dustcover Assy
- **Screen Access:** Via Any of Four Hinged Doors
- **Motor:** 10 HP (7.5 kW), 1200 RPM
- Adjustable Stroke Drive Weight Assembly
- Heavy Duty Tubular Support Stand
- Discharge Chutes Tailored to Each Application

Options

- 2-way, 4-way or 6-way Feed Splitter
- Stainless Steel Contact Parts
- Abrasion Resistant Construction
- Dust Aspiration Ports
- Explosion Proof Motors
- High Temp Construction
- Bearing Temperature Monitor
- Vibration Monitor

