

PRESSURE SIFTER

PSI

 SWECO

®

PNEUMATIC SWECO IN-LINE SIFTER

THE SWECO PSI IS A RELIABLE
PRESSURE SIFTER DESIGNED WITH THE
OPERATOR IN MIND ... QUICK AND EASY
INSPECTION, DISASSEMBLY, AND SCREEN
CHANGES.



PNEUMATIC
IN-LINE SIFTER

MOST RELIABLE PRESSURE SIFTER

The best solution for screening pneumatically conveyed materials

AVAILABLE IN 40-, 48- AND 60-INCH DIAMETER MACHINES

When it comes to sifting pneumatically conveyed materials, SWECO® has broken new ground with our Pneumatic SWECO In-Line (PSI) Sifter.

Made with unsurpassed Vibro-Energy® motion technology to the exacting specifications demanded by our customers, the patented PSI Sifter really puts the pressure on the competition.

By utilizing an air bypass system, the PSI Sifter reduces the risk of

catastrophic screen failure while sifting at extremely high rates associated with pneumatic conveying.

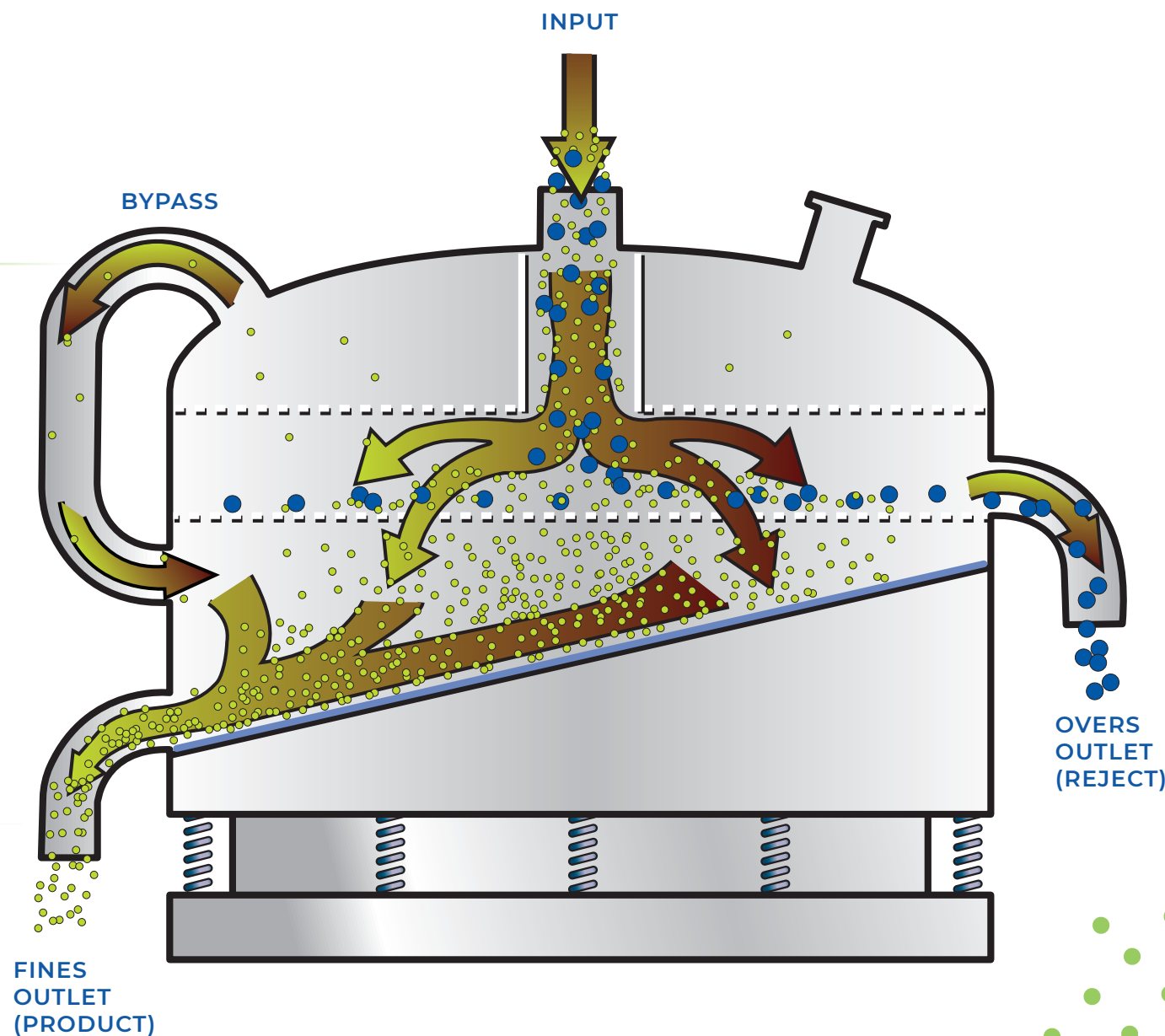
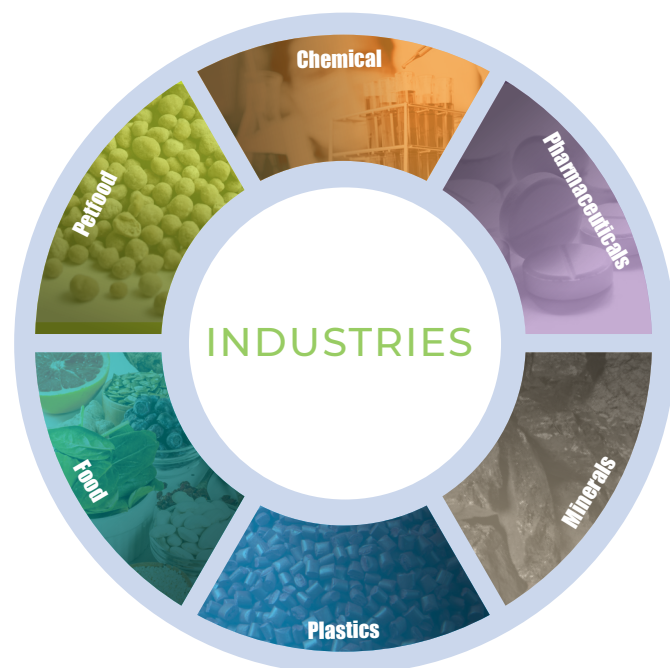
Proven SWECO motion and sanitary design makes the PSI Sifter ideal for sifting flour, starch, sugar, salt, plastics and any other pneumatically conveyed material.

APPLICATIONS

The **SWECO PSI Sifter** was engineered to handle a variety of pneumatically conveyed materials.

Look to SWECO for all your separation needs.

barax resin - beef liver - bran - catalyst - cocoa powder - cookie dough - corn starch - flavors - flour - fly ash - geletin - granulated sugar - maltodextrin - milk powder - pastry mix - pet foods - pharmaceuticals - plastics - food grade powders - ground pvc - pvc resins - rice - salt - silica - soy protein - sugar (powdered and granulated) - wheat - and more...



AIR BYPASS

The air bypass design minimizes risk of screen blowout and maximizes material flow through very fine meshes.

EASY INSPECTION

The cover and frame openings allow for easy inspection of screens without machine disassembly.

LONG SPOUT CONNECTOR LIFE

Maximizes spout connector life with low amplitude vibratory motion.

SANITARY DESIGNS

Internal machine design engineered for sanitary applications.

MULTIPLE DESIGNS AVAILABLE

Single-deck machine shown in illustration. Two- and three-deck machines available for higher throughput applications.



PNEUMATIC IN-LINE SIFTER

HIGHER PRODUCTIVITY

SWECO's no-tools weight assembly allows the operator to quickly and easily adjust the motion of the PSI to optimize flow for your process.

LOWER INSTALLATION COST

High speed and low amplitude typically allows the PSI Sifter to be bolted to the floor. This enables the PSI to be installed in tight locations or on a mezzanine without additional expensive superstructures.

REDUCED MAINTENANCE COST AND DOWNTIME

Designed with the operator in mind, screen changes can be made easily in a fraction of the time of competitive machines.

SANITARY DESIGN

Internal ground welds, #4 finish and other options are available for sanitary applications to prevent product build-up and eliminate breeding grounds for bacterial growth and contamination. Additionally, the PSI Sifter uses sanitary Supertaut® Plus screens made of FDA approved materials.

RELIABILITY

The PSI Sifter utilizes a standard, dependable motion generator and direct drive system which provides nearly a century worth of proven, dependable technology.



SWECO has sales agents and/or licensees in most countries.

Manufacturers worldwide rely on SWECO.

We span five continents with 9 manufacturing and support facilities and over 100 sales and service representative offices.

So, wherever you are, be assured that SWECO – the global leader in screening technology – is there when you need us.