



Providing
**Solutions &
Innovations**
Since **1917**

OUR PARENT

Schlumberger is the world's leading supplier of technology, integrated project management, and information solutions to the international oil and gas exploration and production industry. The company employs 123,000 of over 140 nationalities working in approximately 85 countries. Schlumberger supplies a wide range of products and services, from seismic acquisition and processing; drill bits and drilling fluids; directional drilling and drilling services; formation evaluation and well testing; to well cementing and stimulation; artificial lift, well completions and well intervention; and consulting, software, and information management.

Schlumberger

From our beginnings as an engineering firm in 1917 to our position as a world leader in vibratory separation technology. SWECO has always been in the business of providing solutions.

THE SWECO MISSION

To be the world leader in particle-separation and size reduction solutions. To meet the challenges of an ever-changing world market by seeking innovative new technologies both inside and outside our organization. To provide responsive, intelligent sales support teams that are as knowledgeable about the needs of our customers as they are about our products. To engineer and manufacture equipment that provides quality, value, and dependability. To pursue all avenues that may enhance or improve our products and the products of our customers. To build a solid, lasting relationship with you, our customer.

The SWECO Commitment

To continue our tradition of providing quality, value, and performance by meeting your processing needs today, tomorrow, and far into the future.



SWECO World Headquarters
Florence, Kentucky, USA



SWECO European Headquarters
Nivelles, Belgium

SWECO, SWECO and logos, Vibro-Energy, Supertaut, Fusion, QuickChange, Avalanche, PharmASep, Sono-Energy, Sono-Wave, Turbo-Screen, V3, GyraMax, BigMax, Motion Generators, Superbond and We Put Technology In Motion are trademarks and registered trademarks of M-I L.L.C. Company names and logos are trademarks and registered trademarks of M-I L.L.C.

THE SWECO MARKET LEAD

Since 1942, SWECO has maintained market leadership through innovation, quality and experience.

Sales Support. We have the most knowledgeable Sales Engineers in the business. Many have been with SWECO for over 20 years, which means our Sales Engineers provide you with complete process assistance. Our engineers utilize their experience to analyze and determine the optimal equipment and setup for your specific process. Our in-house engineering group will work with you and your sales engineer to custom design a machine or system specific to your process needs. This is just one of the many services we perform every day at SWECO.

Application Engineering. SWECO's application engineers can reference a comprehensive database of performance characteristics for quick and accurate assessments of your process capabilities. Data from controlled, in-house testing further ensures successful analysis and solutions to even your biggest application challenges.

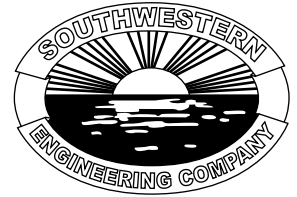
New Product Development. We constantly seek ways to improve our products and look for opportunities to engineer new ones. From the design of separators with no-tool Force Wheels that allow optimal separator

performance, to our QuickChange System that allows faster, more convenient screen changes, SWECO product development means increased processing and manufacturing productivity for you. With our Target Application Program, we concentrate on your specific industry and process to develop products tailored to your needs including our Avalanche, Sono-Energy and Sono-Wave, PharmASep, Low Profile separators and more.

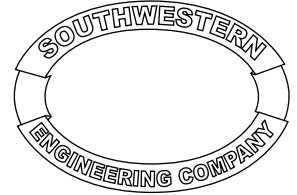
Worldwide Service. Whether your plant is in South Dakota or South Africa, there is a SWECO representative close by. With over 100 sales offices worldwide, a SWECO representative is available where and when you need one. We respond to your requests within hours, not days. Our extensive service network spans the globe and each office shares the unified goal of your satisfaction.

As part of the sales process, SWECO representatives offer on-site start-up to make sure your equipment performs optimally for your process.

From modern separation technology to Vibro-Energy Mills, SWECO has been on the forefront of the particulate handling and size reduction solutions since 1942. And we're strategically positioned for the future.



1941



1943



1946



1954



1968



Today

1934, SWECO is incorporated.

THE SWECO GLOBAL PRESENCE



From complete process assistance to machine start-up, and everything in between, the SWECO network spans the globe to be there when you need us. Isn't it reassuring to know that the company who sold you your process system today will still be around to answer your questions tomorrow and far into the future?



Every SWECO representative brings, on average, more than 20 years of problem solving experience and expertise to the process marketplace. We'll help you select the proper equipment from our product lines and tailor it to your plant. Our global network is available to answer

THE SWECO GLOBAL COMMITMENT


all your questions and solve your toughest problems.

With 10 manufacturing locations and more than 100 service offices worldwide, you can turn to us for solutions, not just machinery.



Advanced technologies coupled with a hands-on manufacturing philosophy have earned SWECO a reputation for building the best equipment in the industry.



 **SWECO Manufacturing Facilities**
 **Sales Offices**



Taking good ideas from our customers and turning them into great innovations has long been a way of product development and enhancement at SWECO. Our R&D staff is comprised of highly experienced engineers who know the importance of listening and learning.



A history of customer-driven innovation. A tradition of excellence in manufacturing. A commitment to customer service. One master philosophy that separates SWECO from the rest.

WE PUT TECHNOLOGY IN MOTION™

White Water Filters.

Provides high flow rate, fine mesh centrifugal screening to remove all particles larger than screen mesh opening with no dependence on differences in specific gravity. Ideal for effluent and water recycle streams for large plants. Units available that remove suspended solids down to 500 mesh (25 microns).

Sta-Sieve Stationary Screeners.

The SWECO Sta-Sieve provides fast, efficient separation of solids from liquids. Among the benefits of this low-cost treatment approach are: no moving parts, high flow rates, long screen life and easy installation, operation and maintenance. Models are available from 18 to 120 inches in screen widths which range anywhere from 90 to 2,000 gallons per minute in flow rate.

Vibro-Energy Grinding Mills.

SWECO Grinding Mills are the most versatile line of mills available today for fast, low-cost particle size reduction. With SWECO's Vibro-Energy motion, product contamination from media and lining wear is virtually eliminated. SWECO offers a Grinding Mill as the solution for any particle size reduction process. Models are available with capacities as small as one pint and as large as 182 gallons.

Vibro-Energy Round Separators.

The Round Separator is ideal for separating solids from liquids or segregating dry materials into various particle sizes. As many as four screen decks can be incorporated in one SWECO Separator for simultaneous classification into five fractions. Round separators are available in 18, 24, 30, 40, 48, 60 and 72 inch screen diameters. In addition, our innovations include the QuickChange, Sono-Energy, Avalanche and Low Profile separators - advancing screening to a whole new level of performance.

Vibratory Rectangular Separators.

SWECO's Rectangular Separator is well suited for high-volume processing. Our patented vibration systems provide the only uniform elliptical motion on the market, optimizing conveying and screen life. Round and linear motion are also available in machines 6-12 feet in length. Together our MM, UM, RM and V3 Rectangular Separators offer flexibility in high-volume processing.

Hydrocyclone Systems.

These systems provide an economical and effective method for removing solid particles in the 4 to 100+ micron range from various slurries. Hydrocyclones typically make finer separations than are practical with screening separators and at significantly higher capacities. In many applications cyclones can be used in place of decanting centrifuges, providing the desired result at lower cost. Hydrocyclones can be supplied in either an open-manifold or a Packed-Vessel configuration.

Gyratory Sifters.

These Sifters can increase your plant's productivity by reducing the costs associated with routine maintenance and unscheduled repairs. That means fewer production outages and fewer instances of pulling employees away from other duties for unscheduled maintenance. It all adds up to less frustration, greater productivity, and lower production costs. Screen changes are quick and easy, even for multi-deck screeners. You can change any screen at any level of the machine from either end without disturbing the other screens.

Turbo-Screen Air Classifiers.

The SWECO Turbo-Screen Air Classifier provides continuous, precise screening of dry materials, especially in the finer particle sizes. Designed to handle even the most difficult materials, the Turbo-Screen is ideally suited for separating electrostatic materials that tend to agglomerate easily. Turbo-Screens are available in 18 and 30 inch screen diameters.

Centrifugal Sifters.

An unmatched combination of features makes the SWECO Centrifugal Sifter the finest of its kind. The unique SWECO Pre-Screen (optional) allows more material to be screened with fewer fines in the oversize, which will increase productivity and efficiency, and ultimately optimize the profits of any processing system. Models are available in 1.9, 5 and 7.7 square foot screen area.

Decanter Centrifuges.

Premier high-speed, decanting centrifuges for fluids cleaning and solids removal and product recovery applications. Ruggedly built for industrial service, they are especially effective in environmentally sensitive areas. They deliver high recovery rates and efficient solids separation.



AUTHENTICALLY BETTER

The SWECO Advantage

SWECO equipment is renowned worldwide for its dependability, durability and quality. Indeed, some of our equipment remains in service several decades after manufacture. That same commitment to "building the best" is behind our aftermarket parts, service and support programs. And that's the SWECO advantage.

Thousands of companies depend on SWECO aftermarket parts for everything from screens to clamp rings to covers. Precise materials selection, rigorous quality control checks and unsurpassed manufacturing consistency assures our customers proper fit, superior wear resistance and a longer service life. Authentic aftermarket parts so dependable ... they're guaranteed.

Covers, motion generators, springs, spout connectors, frames ... SWECO's genuine aftermarket parts are built to the same premium standards as our original equipment and are the best way to ensure your equipment provides the highest level of dependability.



SWECO has a complete line of anti-blinding systems and accessories including balls and sliders, Power Wheels, Wipers and Necklaces, ultrasonics, and more....

Advantage Service

Superior SWECO parts are supported by the most seasoned team of manufacturer's reps in the industry, many with over 20 years of SWECO field experience. They have solved literally thousands of processing problems for nearly 5,000 SWECO customers. In addition, our customer service division, SWECO Advantage Service, is dedicated to making sure that customers' expectations are not simply met, but exceeded every time.

SWECO Superior Screen Solutions

SWECO screens are at the top of our aftermarket parts program. With decades of continuous research and development behind every screen, SWECO maintains true industry leadership in screen technology. Before our competition has the time to copy each new improvement, we're already on to the next phase of development. Competitive screens may look the same, but the competition just can't duplicate SWECO's engineering excellence, performance, or quality.

BE SURE TO SPECIFY

ASAP
AUTHENTIC SWECO AFTERMARKET PRODUCTS

1988, SWECO moves its corporate headquarters to Florence, Kentucky

AUTHENTICALLY SWECO

Supertaut Plus

Supertaut Plus is yet another example of SWECO's commitment to service and innovation. The most sanitary screens in the industry, their unique one-piece design and extra high, uniform tension provide longer processing life and construction materials completely approved for food contact by the FDA. In addition, Supertaut Plus screens will withstand the harshest environments, including most caustics and steam cleaning. Superbond, a patented glue compound developed by SWECO engineers, holds the steel wire cloth onto the tension ring, virtually eliminating pits and crevices that trap contaminants found in spot-welded screens.

Fusion Technology

SWECO Fusion Screen's unitary construction integrates the screen gasket directly into the tension ring. This complex robotic construction creates precise repeatable tensioning and engineered uniform integral strain relief. The integral ring, which is comprised of the gasket, strain relief, and screen frame are one molded part as is the one-piece center disc with integral strain relief.

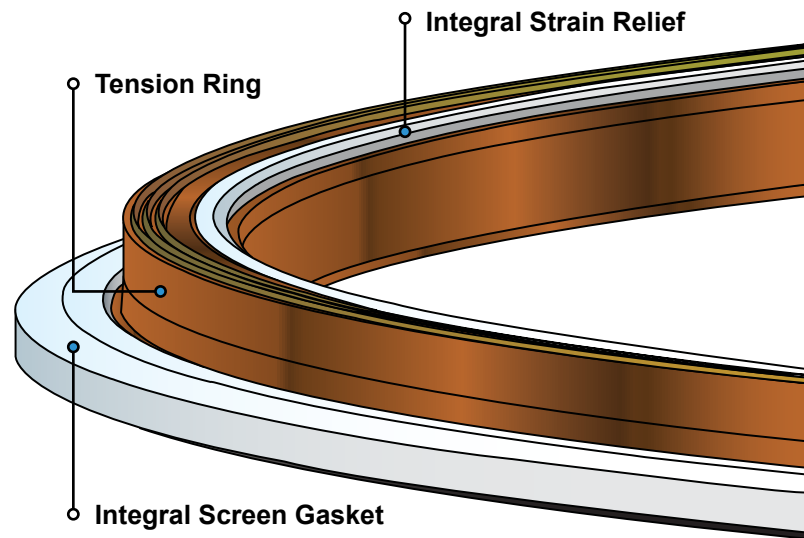
supertaut plus separator screens



The screen's manufacture boasts no silicone / no adhesive as the mesh is fused into the screen frame and center disc. Fusion Screens are available in 48-inch (1200mm) and 60-inch (1500mm) sizes. Also available is Fusion Plus, a screen whose components are FDA approved for food contact.

SWECO Supertaut Plus screens have an industry-wide reputation for exacting standards. Every screen is made to ensure the highest levels of quality for the industry's most demanding applications.

Authentic SWECO aftermarket parts - industry leading engineering, service and support.



Fusion™ SCREENS

2000, M-I SWACO purchases SWECO and forms strategic partnership

CONTROLLED ENVIRONMENT TESTING FACILITIES

To find the best process solutions for customers, the **SWECO Technology Center** offers product analysis and testing at any of our three in-house testing facilities. Located in Florence, Kentucky; Nivelles, Belgium; and Singapore, our test labs are equipped with a variety of machines that are operated by SWECO trained process engineers. After learning and understanding your process requirements, a testing program can be developed to ensure that SWECO has the right product for your individual needs.

Material Analysis

Analyzing the material that is being processed is critical in determining which separation equipment works best for any application. The SWECO Technology Center's analytical capabilities include:

Sieve Analysis - used primarily to determine particle size ranges for wet or dry materials.

Particle Size Analyzer - determines the particle size distribution enabling precise analysis of very fine materials.
Moisture Analysis - measures the moisture content of a material based on the thermogravimetric principle.

Testing Equipment

The SWECO Technology Center has been set up to perform small-scale or full-scale tests with various types of separation equipment. Most tests can be completed using only five gallons of sample material, depending on the type of test performed and the equipment being tested. Available testing equipment includes:

- *Round Separators*
- *Low Profile Flow-Thru*
- *Ultrasonic Equipment*
- *Gyratory Sifters*
- *Centrifuges*
- *Turbo-Screen Air Classifiers*
- *Centrifugal Sifters*
- *Grinding Mills*



2003, Developed and began manufacturing GyraMax Gyratory Sifters

INDUSTRIES AND APPLICATIONS

SWECO has performed over 5,000 different applications in dozens of industries since 1942. Here are just a few of the many industries served by SWECO.



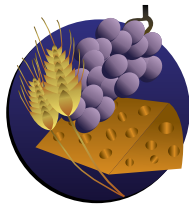
Chemicals

Efficiently and economically perform all separator process functions in the chemical process industries, including the elimination of oversize granules.



Pharmaceuticals

From bulk pharmaceuticals and packaging to hormones and microcapsules, SWECO offers separation, drying and grinding solutions for many pharmaceutical applications.



Food & Beverage

Food processors are saving money and improving product quality. For example, the production of a high-quality citrus juice requires a consistently low level of pulp.



Mining, Metals, Minerals

From clays to precious metals, segregation of even the smallest size particles can be profitable to any company in the mining industry.



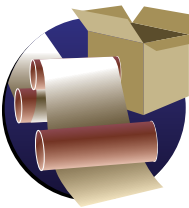
Plastics

Manufacturers of plastic pellets, resins and molded parts have found SWECO Separators invaluable in their process flow.



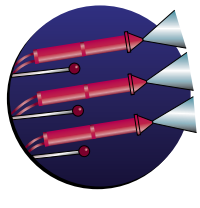
Sand, Gravel, Glass

Ideal for closely controlling a wide range of sizes of product, as well as recovering spent grains and separating trash from caustic solutions.



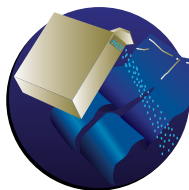
Pulp & Paper

Applications include: screening adhesives, starch solutions, paper coatings, starch tub size; removing pulp and other contaminants from cleaning water and wastewater.



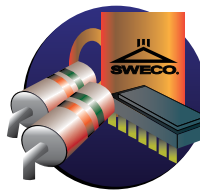
Powder Coating

Sono-Energy's anti-blinding action could increase throughput in powder coating applications by 50 to 100% compared to non-ultrasonic systems.



Laundry

Impressive savings in costs with the elimination of lint accumulation which can cause downtime and heavy sewer assessment for industrial laundries.



Ceramics

Manufacturers of ceramic products must remove fine impurities from ceramic slip in order to produce a high-quality product.



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