

AVALANCHE



AVALANCHE™ SEPARATOR

INCREASE CAPACITY WITH UP TO 67%
MORE SCREENING AREA THAN
CONVENTIONAL ROUND SEPARATORS
WITH THE SWECO® AVALANCHE™
SEPARATOR.



AVALANCHE SEPARATOR

HIGHEST CAPACITY ROUND SEPARATOR

Increase your capacity without increasing your footprint.

UP TO 67% MORE SCREENING AREA

The dual screen design of the Avalanche Separator effectively increases active screen area by up to 67%. The design is simple: a standard diameter frame is modified to accommodate a standard screen on the bottom with an additional, slightly smaller screen above.

Material fed to the top screen either passes through the screen or discharges off the sides to be rescreened by the lower screen. All particles that pass through either screen are collected and discharged on the bottom spout. The remaining oversized particles are discharged off the bottom screen.

The Avalanche frame requires only a 4-inch increase in height over a standard frame with the same footprint. Because of the full 360-degree discharge off the top screen, a smooth, unobstructed flow is created allowing full benefit of the increased screening area. This results in higher flow capacities and standard discharge spouts.

The Avalanche is particularly beneficial in dry applications requiring high-capacity scalping (PVC, starch, flour) as well as high-efficiency dedusting (EPS beads, dry chemicals).

OPTIONS

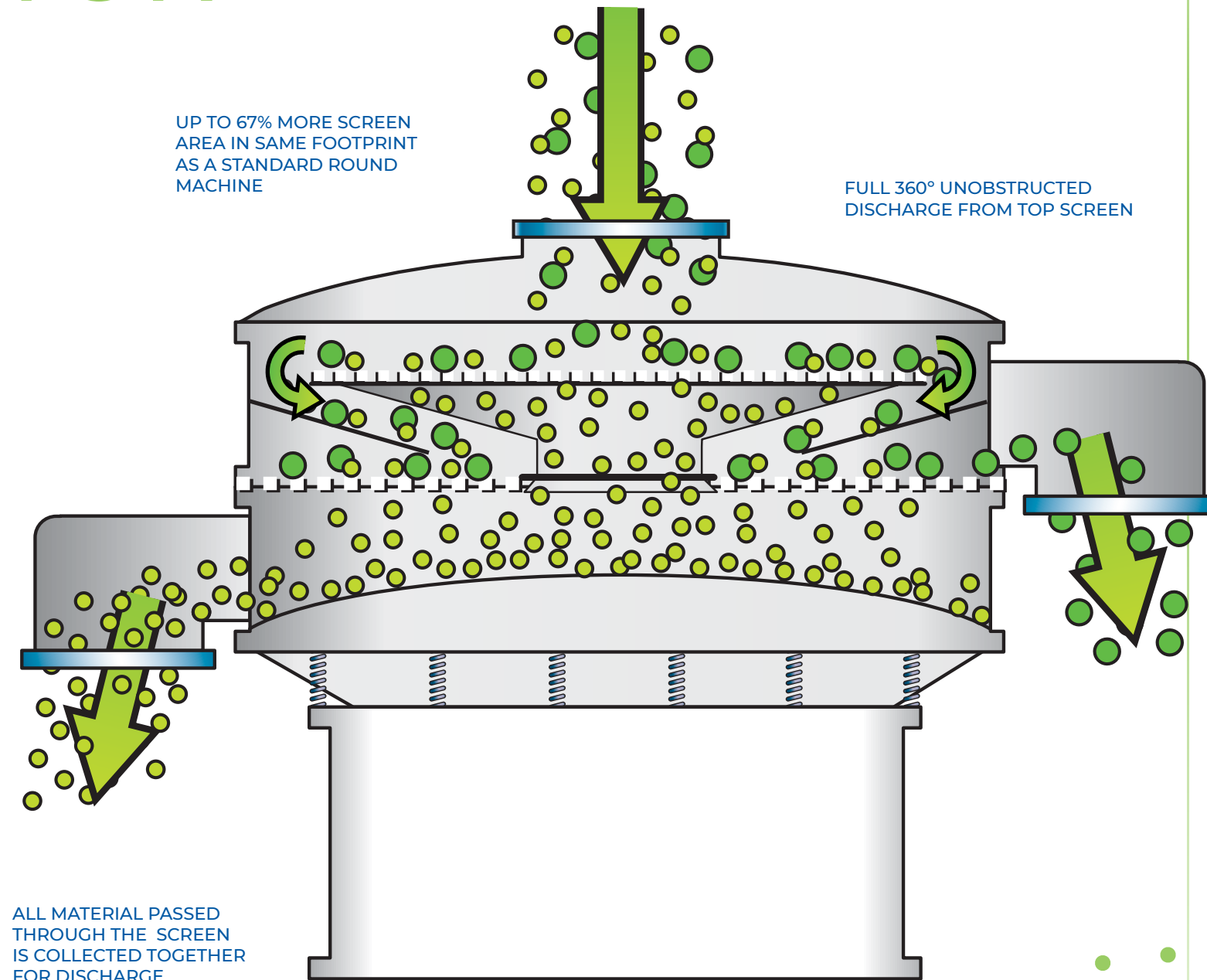
Patented QuickChange™ pneumatic screen changing system

Ultrasonic screen deblinding system for fine powders available for both screens

Frame-only retrofit for existing SWECO and competitive round machines

Standard base with side discharge spouts or Flow-Thru base with center discharge available

Stack multiple Avalanche frames for scalping/dedusting or sizing applications



GREATER CAPACITY

Increased screen area gives a comparable capacity increase. You can get greater capacity from your separator with a smaller footprint than required with a traditional round separator.

HIGH EFFICIENCY

With a greater distance particles must travel before being discharged, particles have more screen surface exposure allowing greater yield of product.

COST-EFFECTIVE RETROFITS

Current round separator users can increase production rates and efficiency with the Avalanche frame. It easily allows replacement of only one frame using your existing base and drive assembly. Additional machines, conveyors, bins, etc. can be avoided, greatly reducing the cost of upgrade. The Avalanche frame can even be retrofit to many competitive machines.

STANDARD ACCESSORIES

Ball trays, sliders and self-cleaning kits and screens can be used to reduce screen blinding. Standard motor, cover and spout connector options are available. The full line of SWECO screens, including Supertaut™ Plus, Fusion™ and Magnum™, are available for use in the Avalanche frame.



AVALANCHE FLOW-THRU SEPARATOR

DISCHARGE CAPACITY 10X THAT OF CONVENTIONAL SEPARATOR

For maximum capacity in a round separator, choose the SWECO Avalanche Flow-Thru. Designed to handle large volumes of both oversize and undersize fractions, the Avalanche Flow-Thru provides up to 67% more active screen area than standard units. Discharge capacity is also increased to more than ten times that of conventional round separators.

Available in 48", 60" and 72" diameter sizes, the Avalanche Flow-Thru benefits high capacity scalping and high efficiency dedusting applications. Custom engineered unit configurations can also be designed to suit users specific needs. The Avalanche Flow-Thru is particularly beneficial in dry applications requiring high capacity scalping (PVC, starch, flour) as well as high efficiency dedusting (EPS beads, dry chemicals).



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.

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