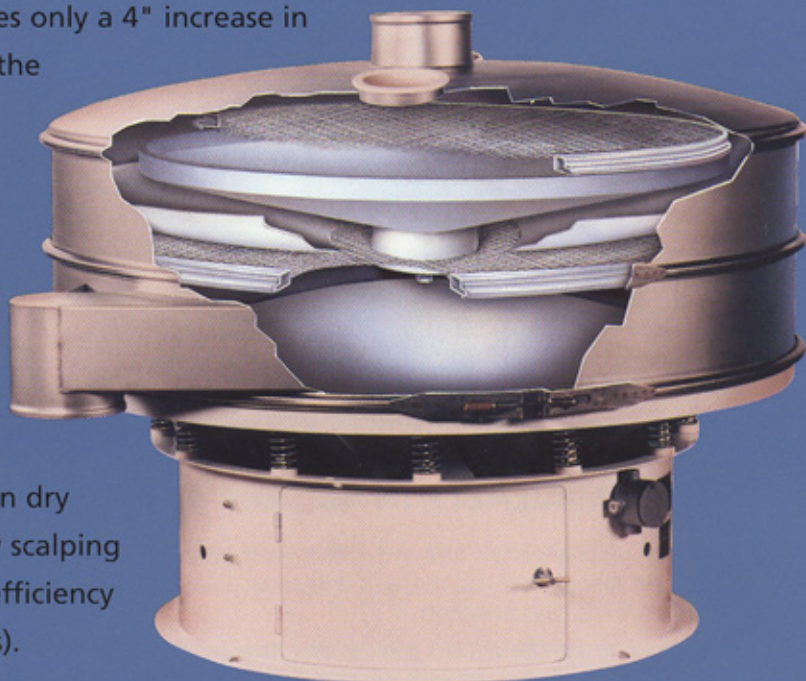


# SWECO®

# AVALANCHE SEPARATOR

## UP TO 67% MORE SCREENING AREA

**T**he 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 (see diagram) 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" 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).



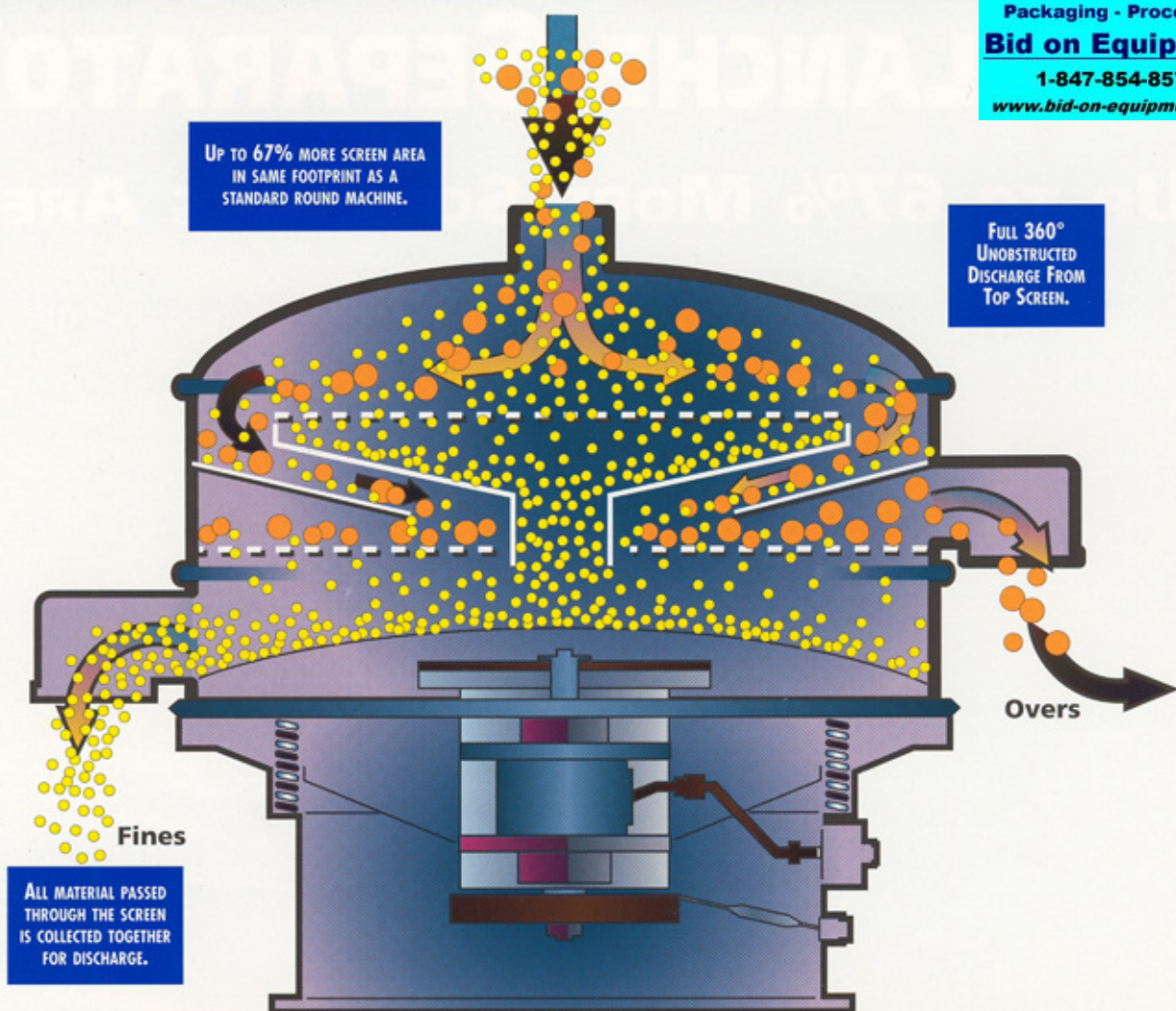
**67% MORE SCREEN AREA  
WITHOUT MORE SPACE.**

# Highest Capacity Round Separator In The Industry!

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## AVAILABLE IN 48", 60" AND 72" DIAMETER SIZES.

**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 Supertaut® Plus screens are also available for use with the Avalanche Frame.

### OPTIONS:

PATENTED QUICKCHANGE PNEUMATIC SCREEN CHANGING SYSTEM (SEE BULLETIN 402).

SONO-ENERGY ULTRASONIC SCREEN DEBLINDING SYSTEM FOR FINE POWDERS AVAILABLE FOR BOTH SCREENS (SEE BULLETIN 403).

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.



**We Put Technology In Motion™**  
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