

SWECO®

LOW PROFILE FLOW-THRU SEPARATOR

HIGH CAPACITY IN A COMPACT DESIGN

The Sweco® Low Profile Flow-Thru Separator offers high capacity wet or dry scalping in a compact, low headroom design. Dual motors mounted on opposite sides of the Low Profile create the 3-D motion that allows maximum flow-thru of material. Because of its low headroom requirements (as little as 15 inches) and straight, flow-thru design, the Low Profile fits easily into existing product lines without reworking the entire system. Inlets and outlets can be custom designed to mate with existing equipment and piping. The Low Profile is ideally suited for prepackaging screening in many food and pharmaceutical applications, as well as for bulk bag unloading and screening of raw ingredients.



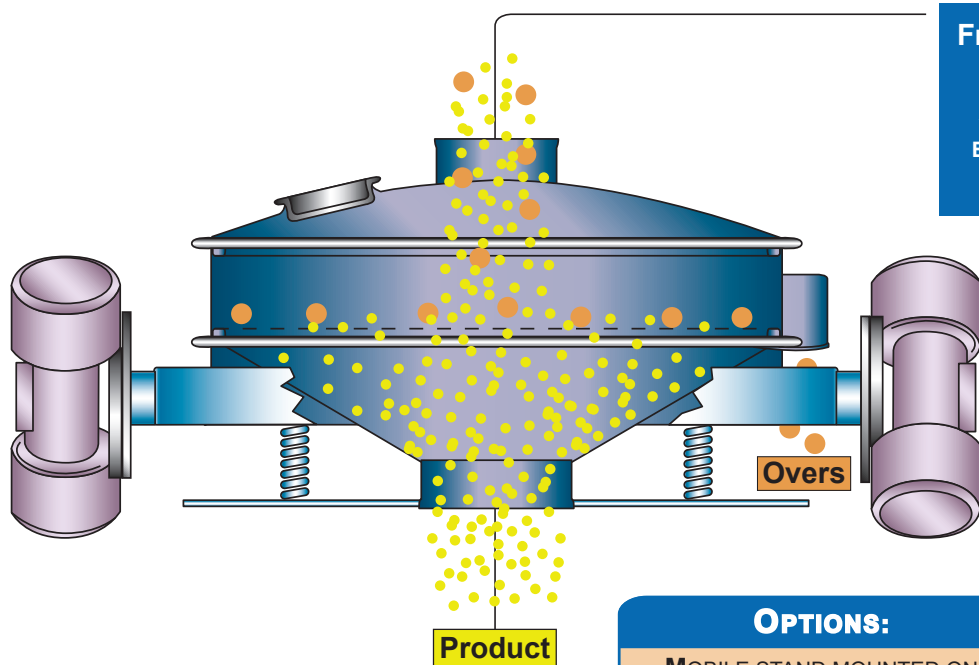
We Put Technology In Motion™

www.sweco.com

THE LOW HEADROOM REQUIREMENT ALLOWS
INSTALLATION IN EXISTING PROCESSES

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High Capacity. Minimal Headroom.



FEED INLET AND PRODUCT DISCHARGE
SPOUT ON SAME CENTERLINE
ALLOWING SIMPLER INSTALLATION,
EQUIPMENT LAYOUT AND RETROFITS
TO EXISTING PROCESSES

IN SCALPING APPLICATIONS,
PRODUCT FLOWS DIRECTLY
THROUGH THE MACHINE TO THE
NEXT STEP OF THE PROCESS

OPTIONS:

MOBILE STAND MOUNTED ON CASTERS FOR BAG UNLOADING
SINGLE MOUNT MOTOR DESIGN ALSO AVAILABLE
DISCHARGE MAGNET TO AID IN CAPTURE OF METAL CONTAMINANTS CAN BE USED IN CONJUNCTION WITH MAGNETIC SCREENS

APPLICATIONS:

BAG EMPTYING ABOVE MIXERS
AGGLOMERATE AND FOREIGN MATTER REMOVAL
OFF-LINE SCREENING AND PRODUCT RECLAIM
INGREDIENT SCREENING
PREPACKAGING SCREENING

Available in 18" thru 72" diameter machines

Greater Throughput - Dual side mount motors allow for maximum flow-thru of material through the separator. Throughput is determined directly by screen mesh. In addition, oversize material is efficiently removed from the screen surface with 3-D vibratory motion.

Process Optimization - Separation dynamics and discharge pattern can be optimized by adjusting motor force and motor orientation angle. This allows the user the ability to control the residence time of particles on the screen surface, creating optimal flow characteristics to meet your specific process needs.

Cost-Effective Retrofits - Due to the low headroom requirement, the Low Profile fits almost anywhere in your existing process without reworking your entire system or even rerouting existing piping.

Reduced Costs in Hot Material Processes - External mount motors operate at cooler temperatures. In hot applications, there is no need for the forced air cooling required by the internally mounted motors of standard separators.

Sanitary Design - Internal ground welds, #4 finish and other options are available for sanitary applications to prevent product build-up and contamination.

Low Profile Accepts Standard Accessories - Ball trays or sliders can be used to reduce screen blinding. Most motor, cover and spout connector options are available. The full line of Sweco screens, including Fusion™ and Magnum™, are available for use in the Low Profile.



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