

SWECO®

LA LOW PROFILE SEPARATOR

HIGH CAPACITY IN A COMPACT DESIGN

The SWECO® LA Low Profile Flow-Thru Separator offers high capacity wet or dry scalping in a compact, low headroom design. The LA Separator incorporates a single large vertically mounted motor to induce a sifting motion across the screen plane. The frames of the separator are mounted on 'rubber isolators' compared to 'springs' in conventional low profile and other standard separators. Additionally, the LA Separator runs at higher G loadings and speeds than traditional low profile separators.

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.



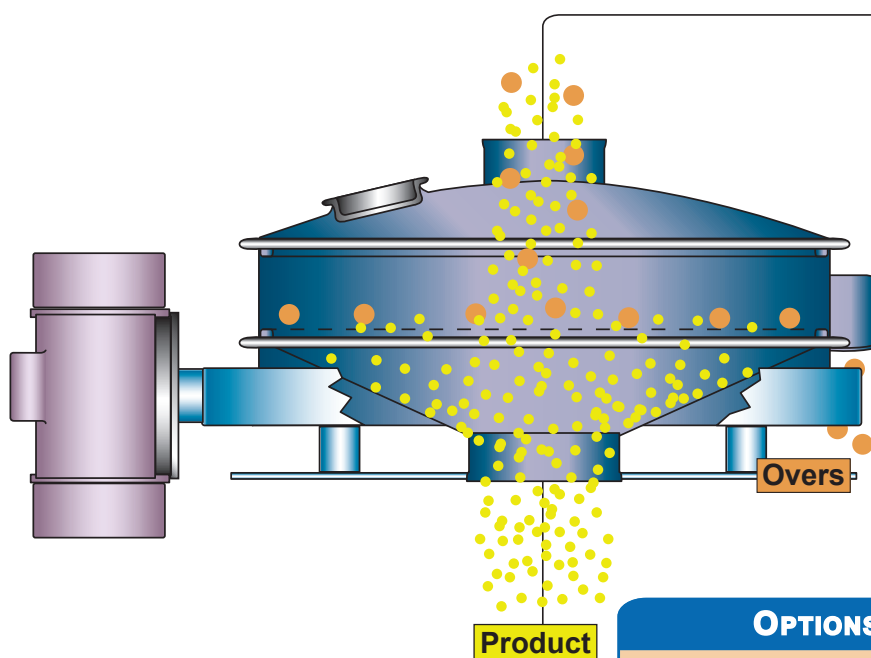
We Put Technology In Motion™

www.sweco.com

**THE LOW HEADROOM REQUIREMENT ALLOWS
INSTALLATION IN EXISTING PROCESSES**

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Single Motor Design. Significantly High Rates.



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
DUAL 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 40" diameter machines

Proven Motion - Excellent at sifting lighter products such as flours and starches, the LA motion has been proven to provide higher rates than that of other conventional low profile separators.

Process Optimization - The LA Separator's pure horizontal, high G motion increases the capacity of the undersize product passing through the screen while allowing the oversize material to exit the separator.

Cost-Effective Retrofits - Due to the low headroom requirement, the LA 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 - The external mount motor operates at a cooler temperature. 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.

LA 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 LA Low Profile.



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