

SWECO

SANDWICH SCREENS

CREATE SUPERB CLEANING ACTION ACROSS THE SCREEN



Sweco® Sandwich Screens aid in screen cleaning and efficiencies. The sandwich design is comprised of a working mesh on top of the tension ring with a coarser mesh (support screen) attached to the bottom of the ring with sliders and/or balls placed between the meshes. The sliders and balls will bounce off of the support screen and tap your top screen dislodging near size particles or fibers that tend to blind the screen and reduce screening area. The support screen provides more vertical action (bounce) for the sliders compared to a perforated plate that is typically used in self cleaning kits. This enhanced cleaning action is also a result of the cleaning devices (sliders and/or balls) being closer to your working mesh versus self cleaning kits and ball tray assemblies. This is possible with the more consistent tolerances in fit compared to a perforated plate.

Sandwich screens can be provided with all grades of stainless and synthetic (nylon and polyester) meshes. Sweco also manufactures a premier lightweight sandwich screen that features synthetic meshes for your working screen and support screen. The characteristics of synthetic mesh aid in the deblinding process compared to stainless steel mesh. All sandwich screens, including synthetic meshes, can be equipped with Sweco's Magnum™ technology. Screen sizes range from 18" to 72" in diameter.

Sandwich screens are motor friendly and reduce stress commonly applied when using other cleaning kits / assemblies. Since the cleaning devices are closer to the working mesh, it requires less vertical motion to deblind screens, allowing for fewer weights to be used on the separator's motor. Furthermore, safety conscious facilities can be assured that sandwich screens run at much lower decibel levels compared to self cleaning kits using perforated plates.

Since sandwich screens can be equipped with a quick change center, it is very maintenance friendly. No longer is it required to use a center tie down assembly to fasten the screen in place. Instead the screen is placed on a pedestal and can be installed and removed with ease. The sandwich screen is like a cartridge that can be easily placed in and out of the separator unit.

Rid yourself of those noisy perforated plates, maintenance intensive center tie down assemblies and the added extraneous height of a ball tray assembly. Try a Sweco Sandwich Screen today.



Sandwich screens utilize sliders and/or balls to optimize the cleaning action for individual applications.



We Put Technology In Motion™

www.sweco.com

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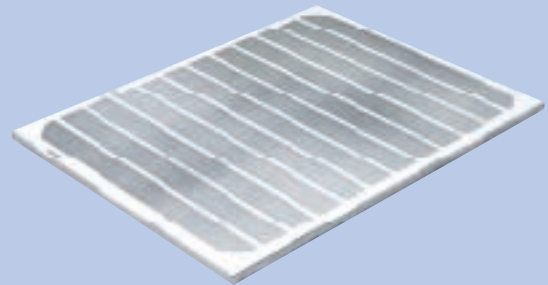
Motor and Screen Friendly

FULL-FLOW™ RECTANGULAR SCREENS

Sandwich screens are available with our Full-Flow™ Rectangular screen line as well.

The same concept is applied with cleaning devices placed in-between the two layers of mesh to form a sandwich screen.

This unique self-cleaning design prevents screen blinding, allowing higher throughput of difficult materials.



BETTER CLEANING ACTION

- Sandwich screens are available with sliders and/or balls creating superb cleaning action across the screen

MAINTENANCE FRIENDLY

- The ease of installation and removal - no center tie down necessary

MOTOR AND SCREEN FRIENDLY

- Less vertical amplitude is needed with sandwich screens versus traditional cleaning kits allowing for fewer motor weights and reduced stress on motors
- Less vertical amplitude will increase screen life

LESS HEADROOM REQUIRED

- Eliminates the additional height of a ball tray assembly

SAFETY

- Sandwich screens run at much lower decibel levels than slider self cleaning kits

AVAILABLE OFFERINGS

- All grades of stainless steel and synthetic meshes
- Round screens from 18 inches to 72 inches in diameter
- All size Full Flow™ Rectangular screens
- Magnum™ technology

