

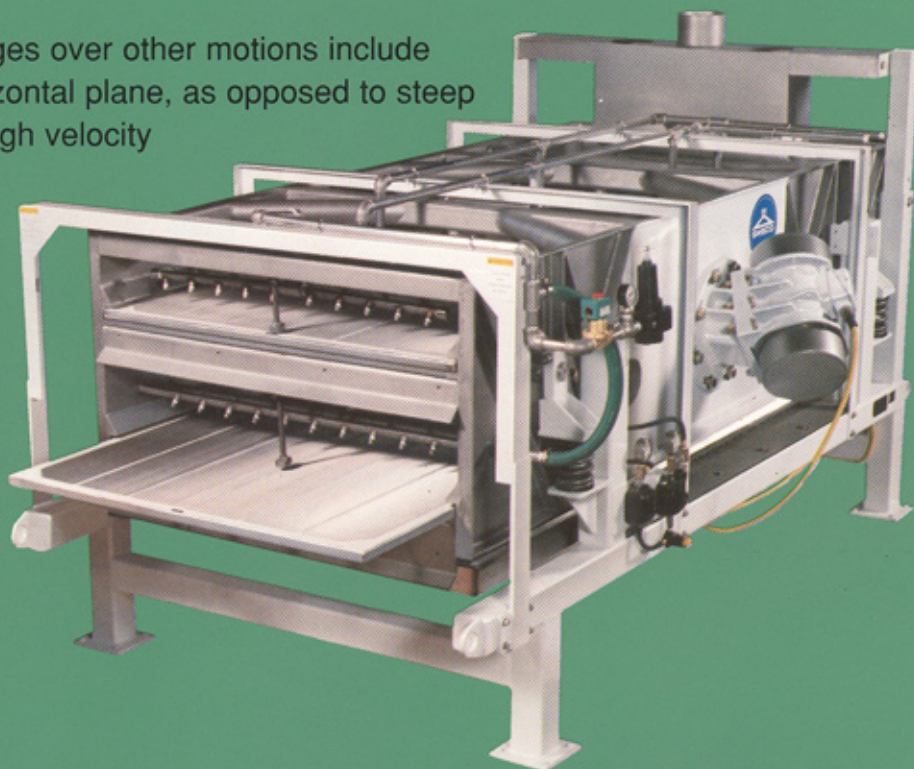
SWECO® ELLIPTICAL MOTION RECTANGULAR SEPARATOR

TRULY REVOLUTIONARY ENGINEERING FROM SWECO.

Engineered uni-directional motion. This unique, patented technology combines a strong conveying action with a consistent adjustable ellipse down the full length of the screen deck. This allows you to quickly convey solids while also enhancing screen life. Adding to the EM's flexibility is an adjustable deck angle to control hydraulic head, boosting capacity without experiencing "run-off". Simple Force adjustments to EM generators allow you to change amplitudes easily.

Additional important advantages over other motions include accurate cuts due to the horizontal plane, as opposed to steep incline planes that produce high velocity and inaccurate cuts. This horizontal plane will also produce drier solids because you can actually screen uphill if required.

One of the most advanced rectangular separators available, the "one-of-a-kind" SWECO EM Separator ushers in a new era for high-volume processing.



We Put Technology In Motion™

www.sweco.com

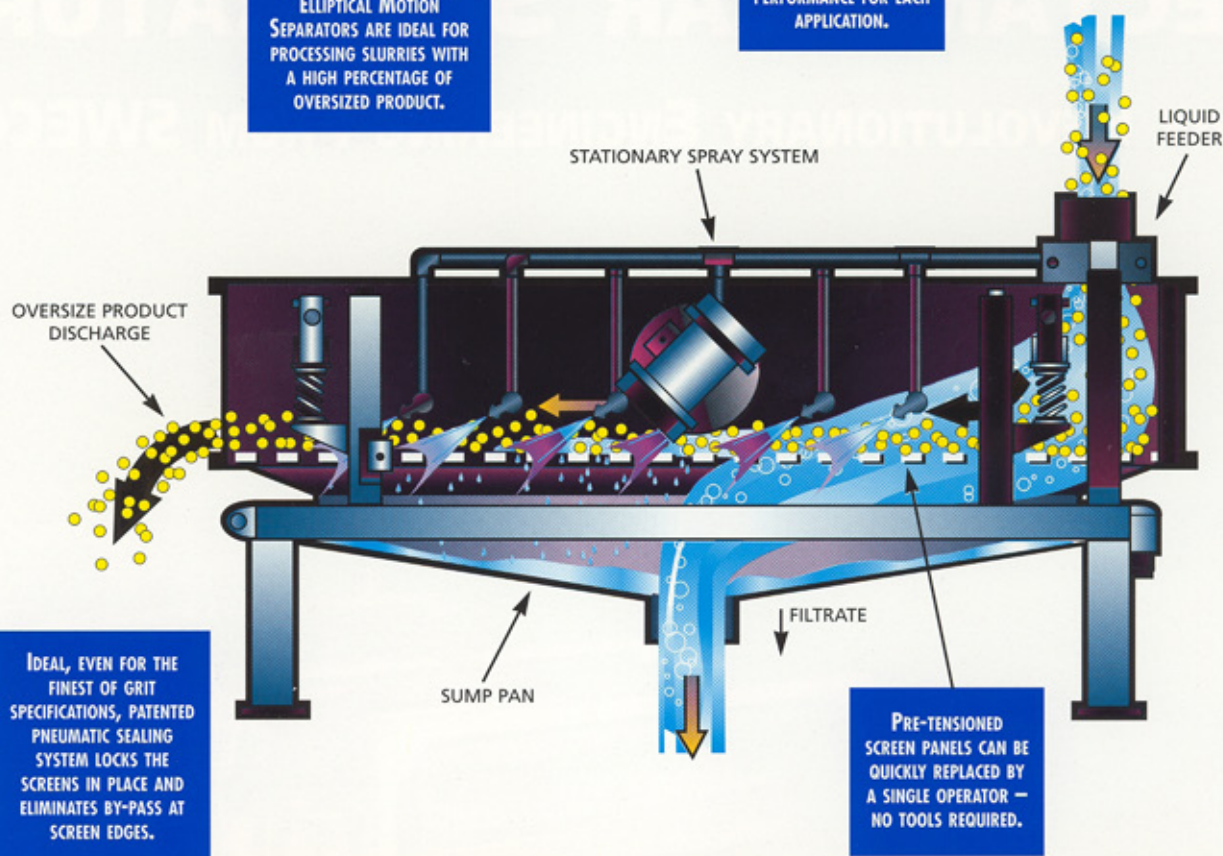
UNIQUE "NO TOOLS" SCREEN CHANGING
SYSTEM AND PNEUMATIC SCREEN CONTAINMENT.

Patent # 5,265,730

High Throughput Processing... Less Downtime

AVAILABLE IN ONE OR TWO-DECK VARIATIONS, ELLIPTICAL MOTION SEPARATORS ARE IDEAL FOR PROCESSING SLURRIES WITH A HIGH PERCENTAGE OF OVERSIZED PRODUCT.

DEGREE OF INCLINATION IS FACTORY SPECIFIED AND FIELD ADJUSTABLE TO OPTIMIZE PERFORMANCE FOR EACH APPLICATION.



IDEAL, EVEN FOR THE FINEST OF GRIT SPECIFICATIONS, PATENTED PNEUMATIC SEALING SYSTEM LOCKS THE SCREENS IN PLACE AND ELIMINATES BY-PASS AT SCREEN EDGES.

PRE-TENSIONED SCREEN PANELS CAN BE QUICKLY REPLACED BY A SINGLE OPERATOR — NO TOOLS REQUIRED.

THE PATENTED ELLIPTICAL MOTION RECTANGULAR SEPARATOR, CREATED TO MEET YOUR SPECIFIC REQUIREMENTS

- Excellent performance for de-watering material or fibrous slurries, fine (325 mesh) grit removal from coating and other slurries, effluent clean-up applications, and plastic pellet screening.
- No special support flooring required since an isolated mount suspension eliminates most transmitted vibration.
- "No Maintenance" Motion Generator requires no machine lubrication — convenient, cuts costs and saves time!
- No tools screen change — cuts cost and saves time!
- Adjustable deck angle allows maximum flexibility, and with a hand-crank system, changes to the incline can be made by a single operator, while the unit is in operation. This fine tuning eliminates the loss of good material due to process changes. Available as a single or double-deck model.

MODELS	DRY MODELS		WET MODELS	
	EM3-1D	EM3-2D	EM3-1W	EM3-2W
Motor Size-HP	2HP	2HP	2HP	2HP
RPM	1800	1800	1800	1800
Number of Springs	4	4	4	4
Number of Screens	3	6	3	6
Screen Size	3' x 4'	3' x 4'	3' x 4'	3' x 4'
Active Screen Surface	30 Ft ²	60 Ft ²	30 Ft ²	60 Ft ²
Basket Dimensions	4' x 9'	4' x 9'	4' x 9'	4' x 9'
Unit Weight (Net)-Lbs.	3100	3500	2900	3500
Height to Feed Inlet	54.25"	64.71"	54.25"	65.68"
Unit Width	78.44"	78.34"	78.43"	78.43"
Unit Length	113.75"	113.75"	113.75"	113.75"



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e-mail: info@sweco.com