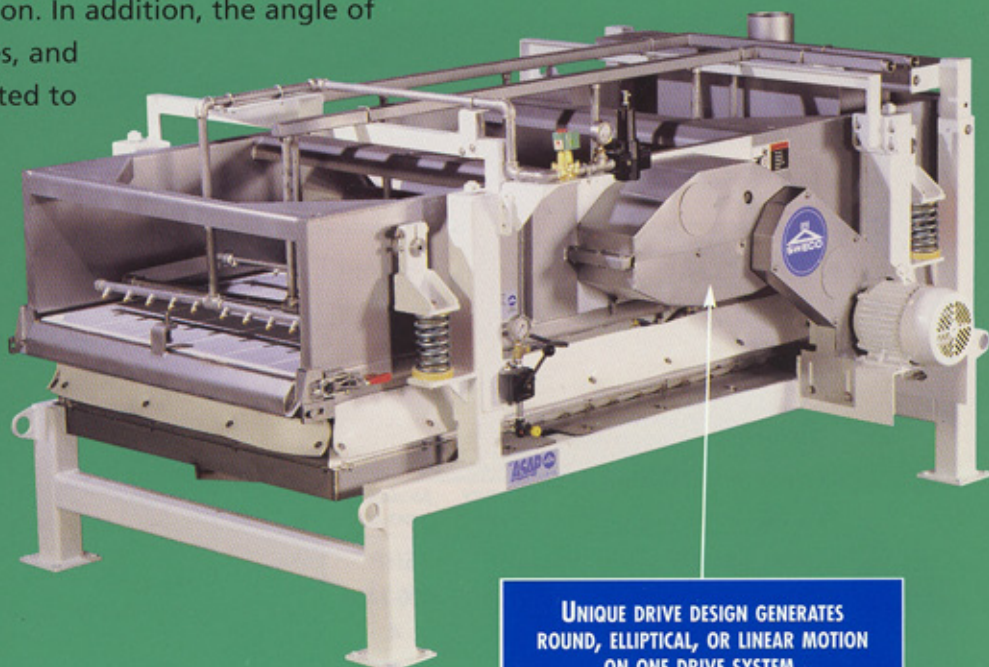


SWECO® UNIVERSAL MOTION RECTANGULAR SEPARATOR

ROUND, BALANCED ELLIPTICAL & LINEAR SEPARATION

Unique Universal Motion Rectangular separator allows the user to precisely dial in the ideal motion for each application. Until this latest Sweco UM innovation, completely different machines were necessary for such drastic motion changes. Round, balanced elliptical and linear motions are now simple field adjustments. A patented belt driven, indirect drive system provides all these motions, allowing optimum motion for every unique and sometimes changing application. In addition, the angle of motion, frequency, amplitudes, and deck angles can also be adjusted to optimize any process.

Features available on other Sweco Rectangular Separators are also available on the UM. These features include no tools screen changing, the availability of pre-tensioned screens down to 400 mesh, and the availability of several different size machines to accommodate customer capacity.



We Put Technology In Motion™

www.sweco.com

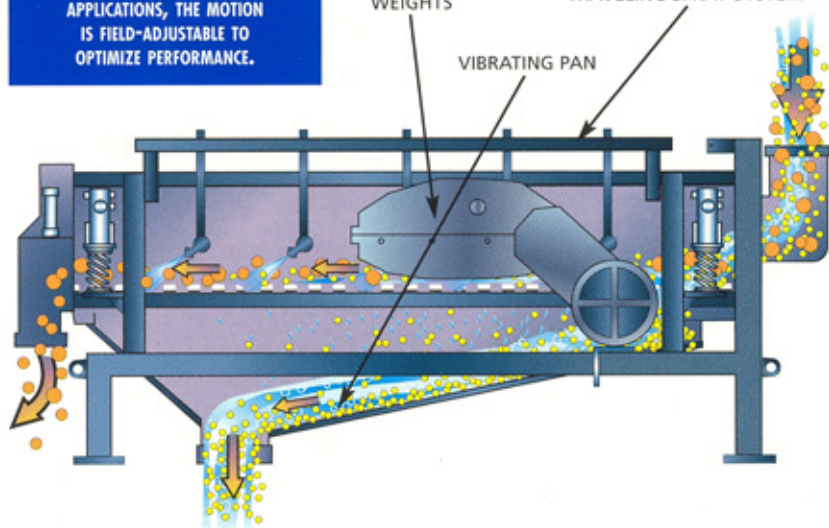
Universal Motion High Throughput Processing

IDEAL FOR EVEN THE MOST DEMANDING APPLICATIONS, THE MOTION IS FIELD-ADJUSTABLE TO OPTIMIZE PERFORMANCE.

ADJUSTABLE WEIGHTS

OPTIONAL STATIONARY OR TRAVELING SPRAY SYSTEM

VIBRATING PAN



There are many advantages to the Universal Motion Separator. Adding to its flexibility, the UM's deck angle can be inclined or declined to maximize the effectiveness of the system. Furthermore, all accessories available with other rectangular separators are accessible with the UM, including self-cleaning screens, traveling and stationary spray systems, and vibrating covers.

SWECO'S NEW UNIVERSAL MOTION IS THREE RECTANGULAR SEPARATORS IN ONE



Round Motion

Screening of feed meal, plastic resins, and fine powders.



Elliptical Motion

Any mineral slurry with relatively large percentage of oversize, such as calcium carbonate, kaolin clay, and lime slaking.



Linear Motion

Wastewater reclamation, dewatering coal, calcium hydroxide, and effluent clean-up.

MODELS	WET/DRY UM3-1D	MODELS UM3-2D
Motor Size-HP	5HP	5HP
RPM	1000-2400	1000-2400
Number of Springs	4	4
Number of Screens	3	6
Screen Size	3' x 4'	3' x 4'
Active Screen Surface	30 Ft ²	60 Ft ²
Basket Dimensions	4' x 9'	4' x 9'
Unit Weight (Net)-Lbs.	3300	3900
Height to Feed Inlet	53.68"	67.75"
Unit Width	77.45"	77.45"
Unit Length	111.36"	111.36"

For easier maintenance and greater economy, most UM replacement parts are standard off-the-shelf items including motors, belts, and drives.

The Sweco UM Separator – just one more innovation that allows Sweco to remain the industry leader.



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