

Gyratory Motion

Gyratory-reciprocating motion rapidly distributes, stratifies, and separates particles as they move across the screens, resulting in more efficient processing!

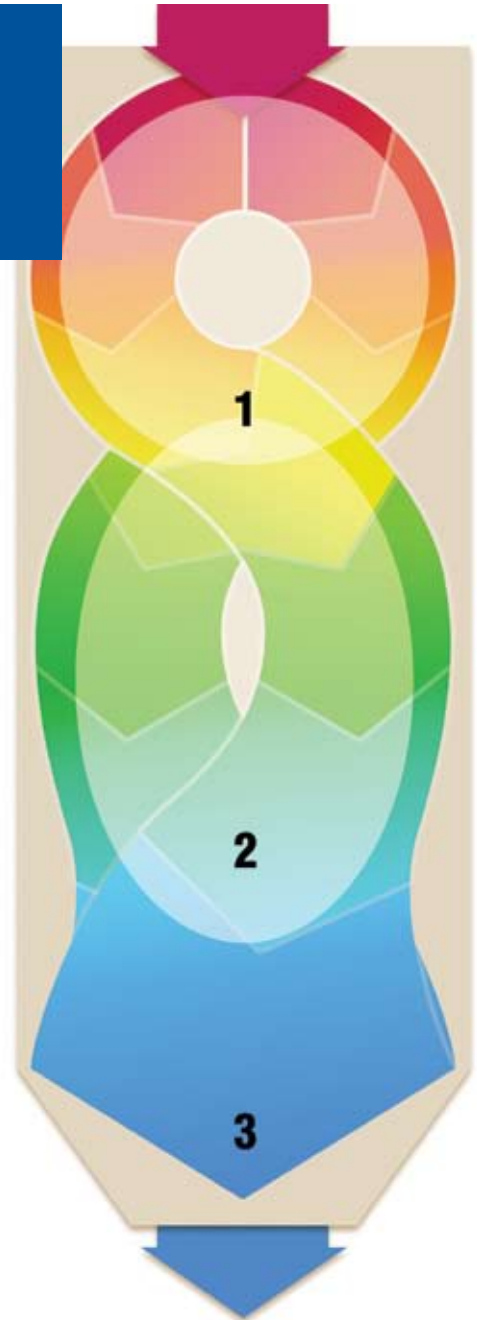
- 1. CIRCULAR MOTION AT FEED END** The gyratory motion at the feed end of the machine immediately spreads the material across the full width of the screen surface to maximize screen utilization. At the same time, this motion stratifies the material, causing the fines to sink down against the screen surface. The particles that are appreciably smaller than the openings quickly pass through at this part of the screen.
- 2. CHANGING TO ELLIPTICAL MOTION AT CENTER** As the circular motion diminishes into an elliptical path, the gentle near-horizontal motion causes the fine particles closer in size to the screen mesh—near-size particles—to fall through the mesh openings.
- 3. STRAIGHT-LINE MOTION AT DISCHARGE END** The nearly linear reciprocating motion at the discharge end of the APEX Screener removes those particles closest in size to the mesh openings while gently conveying the oversize material off the screen.

Powered By:

ROTEX Drives; offering long-term, trouble-free service with minimal maintenance required.



◀ ROTEX drives carry a 3-year warranty.



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