

# ROTEX<sup>®</sup> | GROUP

ROTEX<sup>®</sup> BM&M



## Rotex Group Screeners Are The Choice Of Sugar Producers Worldwide

Rotex Group Screeners have been the choice of sugar producers for over 100 years because of their accurate separation and unmatched product yields. Recovery efficiency and product accuracy are crucial in sugar operations. Rotex Group screeners provide both with ergonomic features and designs engineered for long, reliable service. With hundreds of sugar installations worldwide since 1922, Rotex Group has the experience to understand your specific requirements. Talk to the experts!

### Benefits for Sugar Processors:

- Consistent product quality to meet stringent specifications for specialty grades  
*One multi-deck machine produces coarse to Bakers Special*
- High product recovery compared with other screeners  
*Higher Efficiency = Higher Yield = More Product Shipped*
- High capacity in a single machine, with capacity of 500 t/h for coarse scalping  
*Minimize process footprint and capital cost of new plant*
- Models designed for demanding process conditions  
*Aggressive blinding control for sticky products and upset conditions*
- Maximum uptime  
*Fast screen changes to meet campaign needs*
- Rugged, long-life design  
*Proven, reliable performance for 24/7 operation*

### Free Material Analysis

Over 100 years of proven correlation between lab test results and actual field performance:

- Experienced Lab Technicians and Application Engineers recommend machine size, settings and screen openings to ensure accurate, efficient separations
- Comprehensive separation analysis
- Summary report provides data to support ROI decisions

Rotex Group has hundreds of installations serving sugar producers worldwide since 1922.

**GYRATORY-RECIPROCATING MOTION**

The Gyrotory-Reciprocating motion gradually changes along the length of the deck to an elliptical path and finally to a straight line action at the discharge end.

**Circular motion at the feed end**

- Spreads the material across the full width of the screen surface
- Stratifies the material
- Conveys material forward

**Elliptical motion at the middle section**

- Long-stroke elliptical action
- Enhances stratification
- Conveys material at high capacity

**Straight-line motion at the discharge end**

- Linear sifting motion
- Removes near-size particles
- Improves screening efficiency
- No vertical component ensures material is in constant contact with the screen surface.



▲ Apex™ Screener



▲ Rotex® Screener



▲ Megatex XD™

**It is the Motion that Provides the Performance**

**Rotex Motion means:**

- Effective ball mesh cleaning to reduce blinding for greater uptime
- Spreads material across the full width of the screen surface, eliminating the need for additional feeding equipment
- Effective near-size removal for the highest Accuracy and Efficiency

**Custom designs offer:**

- Outlet flexibility to fit existing layouts
- Easy-to-clean, fully sanitary construction

