



Rotex and Megatex Screeners in Soybean processing

## Rotex Screeners are the choice of Oilseed Processors worldwide

Oilseed Processors use ROTEX<sup>®</sup> Screeners in every part of the plant because of their proven efficiency, high capacity and accurate separations. From receiving cleaners to dehullers and meal sifters, Rotex has the machines to meet your needs.

Rotex is the indisputable standard and leader in the oilseed industry, with installations in the majority of oilseed plants around the world. Major agribusiness companies have trusted Rotex for more than 60 years.

Recovery efficiency and accurate separations are crucial in oilseed operations. The unique Gyrotory-Reciprocating motion of MEGATEX<sup>™</sup> and Rotex Screeners provides both, with a user-friendly design for long, reliable service. Talk to the experts!

### Rotex Benefits for Oilseed Processors:

- **Cleaning – High capacity and efficient separation**  
*Minimal loss of good beans to oversize and fines fractions*
- **Dehulling – Sharp separation of meats and hulls**  
*Low oil loss to the hulls and increased protein in the meal*
- **Meal Sifting – Highest product recovery**  
*Reduced energy use for reprocessing of good product*
- **High product recovery compared with other screeners**  
*Higher Efficiency = Higher Yield = More Product*
- **High throughput in a single machine**  
*Minimize process footprint and capital cost of new plant*
- **Models engineered for demanding process conditions**  
*Durable designs for reliable 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 has hundreds of installations serving Oilseed processors worldwide.**

## Gyratory-Reciprocating Motion

The Gyratory-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

### Changing to 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

## 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:

- Aspiration for removal of light material
- Outlet flexibility to fit existing layouts



▲ *Megatex™ Grain Cleaner*



▲ *Apex™ Screener*



▲ *Rotex® Screener*