



Rotex Screeners are the choice of Frac Sand Producers worldwide

Rotex Screeners have been the choice of Frac Sand Producers since 1982 because of their accurate separation at unmatched product yields.

Recovery efficiency and product accuracy are crucial in frac sand operations. Rotex Screeners provide both, with an ergonomic design that's designed for long, reliable service. With hundreds of screening installations worldwide since 1982, Rotex has the experience to understand your specific requirements. Talk to the experts!

Rotex Benefits for Frac Sand Applications

- **Consistent product quality to meet stringent API specs**
Multiple grades (20/40, 30/50, 40/70) from one machine
- **Highest product recovery efficiency compared with other screening technology**
Higher Efficiency = Higher Yield = More Product Shipped
- **High throughput tonnage in a single machine**
Minimize process footprint and capital cost of new plant
- **Models engineered specifically 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 Frac Sand Producers worldwide since 1982.**

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:

- Materials and construction that can handle temperatures up to 400°F/204°C
- Abrasion protection for maximum life of critical components



▲ Minerals Separator™



▲ Apex™ Screener



▲ Rotex® Screener

