

# ROTEX<sup>®</sup> | GROUP

ROTEX<sup>®</sup> BM&M

## Competitive Pricing. Quick and Easy Set-Up.

The competitively priced pellet screeners from Rotex are designed to address the needs of compounders who require the accurate removal of off-size material with quick and easy set up between batches.



Plastic Pellet Screener

## FEATURES



### Superior Product Quality

Rotex's unique horizontal gyratory motion and positive displacement stroke achieves unmatched removal of oversize and longs.



### Quick and Easy to Clean

Easy to disassemble and re-assemble for maintenance and cleaning between batches.



### Unique Blinding Control

Combination of pre-tensioned perforated screen frame and variable tappers control blinding without the use of mesh cleaning balls.



### Compact Design and Installation

A compact footprint with screener height as low as 27" and flexible mounting configurations, making for ease of installation.

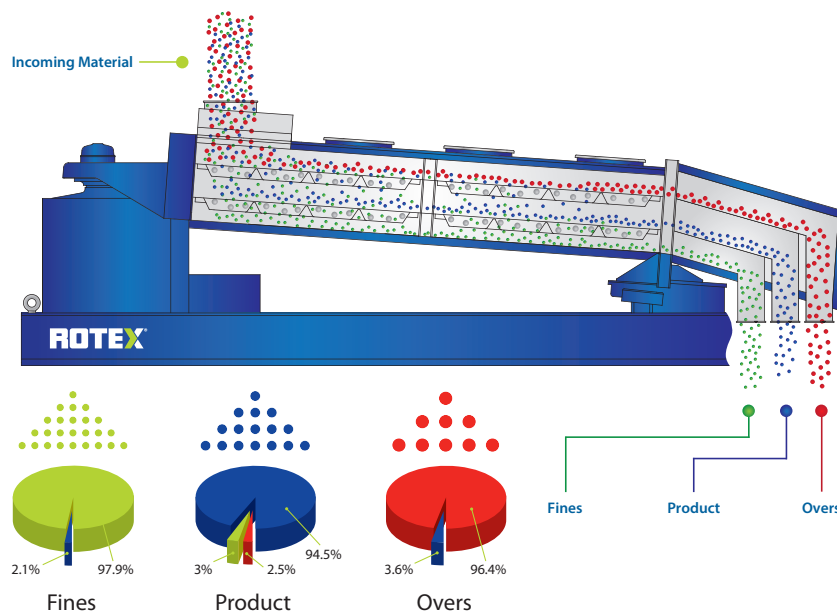
## How It Works

Rotex patented the innovative concept of Gyratory Reciprocating Motion and perfected it over years of lab testing, custom installations and field experience. No other solution combines low-angle screening with long-stroke and low-frequency characteristics in a single machine. This dynamic combination results in greater efficiencies, superior particle accuracies and higher yields.



## Three motions. One machine.

Achieve high efficiency pellet screening with Rotex Pellet Screener.



## BENEFITS



### Low Headroom

The Plastic Pellet Screener has a lower silhouette than most other screening equipment with a height as low as 27" when installed.



### Cleanability

Easy to disassemble as well as lightweight with quick disconnect clamp handles and easy to clean internal surfaces.



### Simple and Reliable Drive

Lower operating speed reduces noise and wear and tear. Vibration isolation minimized with a counter-weight drive and low maintenance with only three bearings greased annually.

## PRODUCT OPTIONS

### Double Pass - 2 Deck Option

- › 2-deck option provides second screening surface for longs removal.
- › Initial screen removes fines and longs.
- › Second pass provides highly efficient removal of longs  $\frac{3}{8}$ " and larger.



### Blinding Control

- › Pneumatic tappers for longer batches - allow for uninterrupted cleaning.
- › Adjustable "Tapping" frequency and force.

### Variable Screens and Plates

- › Stainless steel wire screens, perforated plates or a combination of the two can meet any separation requirement.

## FEATURES

### High Efficiency Longs Removal without Product Loss

- › The Rotex motion contains no vertical component so long pellets "Toothpicks" and "Jack Straws" remain flat on the screen deck. They do not upend or pass through with the on-spec pellets as is often the case with vibratory screeners.
- › Efficiently removes longs without losing good on-spec pellets with the over-size.
- › The double pass option is available to screen pellets twice for increased accuracy. Final product can be up to 99% free of longs  $\frac{3}{8}$ " to 2".

### Capacities

Three models of the Plastic Pellet Screener are available for ranges of:

- › Up to 1,500 PPH
- › 1,500 - 3,000 PPH
- › 3,000 - 5,000 PPH

For capacities higher than 5,000 PPH, Rotex offers alternative screeners with the same gyratory/reciprocating motion, accurate separations, compact design and installation configurations.





## › OEM PARTS & SERVICE

With over 180 years of screening expertise, we are committed to delivering exceptional value by ensuring your equipment operates flawlessly throughout its lifespan. Through our aftermarket parts and service groups, we ensure your machinery keeps running smoothly with our high-quality stocked and custom-manufactured parts.

## › FREE MATERIALS TESTING

Our lab testing facility helps to ensure you have the right screens installed to deliver the results you require. This dedication guarantees optimal screening performance and delivers exceptional value, offering you a superior return on our investment.

For more information or to find your local Rotex Group representative visit our website

**THE ROTEX GROUP.COM**



### PARTS & FIELD SERVICE

#### KNOWLEDGE & EXPERIENCE

Leverage our decades of expertise for reliable solutions and expert support.

#### GUARANTEED QUALITY

Our parts meet the highest standards for durability and performance.

#### CUSTOMER CONVENIENCE

Ensure you get the the parts and service you need, when you need them.

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