

# ROTEX®

HIGH PERFORMANCE SCREENERS

## Unrivalled Performance and Expertise in a Compact and Economical Design

The RTX360 Screener delivers the essential qualities synonymous with Rotex whilst embracing vibratory motion within a compact footprint, to deliver a highly competitive solution.



➤ RTX360 Screener

## FEATURES



### Compact Design

The small footprint of the RTX360 Screener allows for a minimal floor space requirement and facilitates a quick and easy installation process.



### Accessible Drive

The positioning of the drive ensures it is easily accessible, in addition, toolless adjustability allows you to easily optimize and tailor the screening motion to your application.



### Quick Release Clamping

The option of quick release clamp rings allows for more streamlined frame removal and faster screen changes when compared to the standard tooled clamp rings.

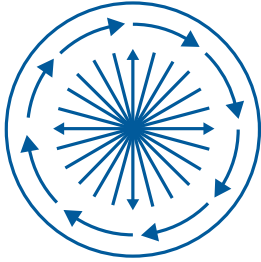


### Customizable Options

Adapt to your specific application by locating the outlet position, installing de-blinding components and adding more decks as required.

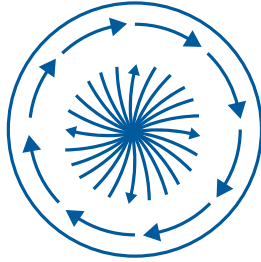
## VIBRATORY MOTION

The RTX360 Screener is capable of moving the product in all the motions depicted below. The motor consists of two weighted shafts, the bottom shaft leads the top, the angle of which is dependent on the setting. Each motion has a specific purpose depending on the screening requirements of your product.



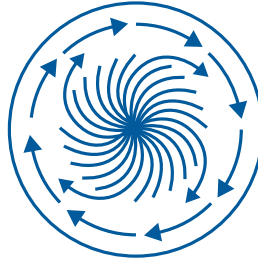
### 0° Lead

Dry material is thrown in a straight trajectory, this may result in insufficient separation.



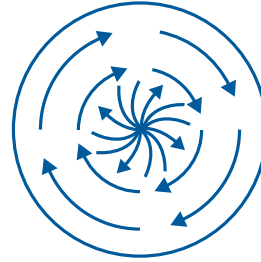
### 20° Lead

Dry material begins to span out in a spiralling pattern across the screen.



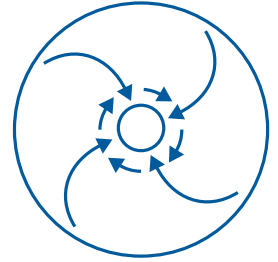
### 40° Lead

Gives dry material the maximum, efficient screening pattern. Typical motion for most applications.



### 60° Lead

Wet material attains maximum efficiency in terms of the screening pattern.



### 90-120° Lead

Higher settings prevent oversize material from being discharged and assist in receiving maximum throughput of fine material which tends to "Ball".

The vibratory motion utilised by the RTX360 Screener exerts a G Load which binds the product to the screen.



## BENEFITS

### Optimum Performance

The adjustable nature of the RTX360 allows for greater screening performance which results in higher efficiency.

### Quick Screen Changes

Pre-tensioned panels allow 1-2 operators to change the entire machine within minutes.

### Increased Performance and Expertise

Rotex's expertise and product line options deliver greater efficiencies and solutions for any screening requirements.

### Longevity and Durability

Designed for long-term, trouble-free service with minimal maintenance required.

## PRODUCT LINES

### Side Discharge

- › Multiple sizes ranging from 30" to 60" nominal diameter
- › 1-3 deck options
- › De-Blinding Features: Sliders or Balls
- › Single Motor with Dual axis that holds Bottom and Top Weight
- › SS304 Matte Finish for Product Contact Surfaces
- › MS Painted for non-Product Contact Surfaces



### Low Profile

- › Multiple sizes ranging from 36" to 60"
- › Center Flow-Through, Single Deck
- › Two side-mounted motors
- › SS304 Matte Finish for Product Contact Surfaces
- › MS Painted for non-Product Contact Surfaces



## PRODUCT OPTIONS

### De-Blinding Features

- › Sliders - small or large sizes on perf plate.
- › De-blinding ball deck: 1 $\frac{3}{8}$  [35mm] made from rubber, silicone, or neoprene.

### Top Cover

- › Fully enclosed machine, the top cover helps prevent dust from escaping from the machine while the inspection caps provide viewing accessibility.

### Connection Sleeves

- › Connecting sleeve material options include a choice of rubber, silicone or neoprene.





## PARTS AND SERVICE

Every Rotex machine and every Rotex part is backed by a team of service representatives and technical support staff who offer guidance before, during and after the sale. Find out more at [rotex.com](http://rotex.com).

## FREE MATERIALS TESTING

See firsthand how your materials perform under various industrial screening conditions. This is a free service that helps create a custom-fit solution to best meet the needs of your application. Ask your representative about free materials testing or see complete details on the Rotex website.



**ROTEX**<sup>®</sup>  
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To find your local Rotex representative visit our website

[rotex.com](http://rotex.com)