Megatex™ XD Screeners designed and built to meet your requirements:

- Unique long stroke, Gyratory-Reciprocating motion for effective product stratification and separation
- Aggressive ball mesh cleaning system to maintain high capacity
- Easy access to screens
- Durable construction with replaceable abrasion resistant linings in high wear areas

“The Megatex XD allowed us to increase our production capacity to our required level without adding multiple machines. This avoided the need to reconfigure the production line.”

Plant Manager - Chemical Fertilizer Producer

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

Over 100 Megatex™ XD Screeners are installed throughout the world
**Gyratory Reciprocating Motion**

The Gyratory Reciprocating Motion gradually diminishes along the length of the machine to an elliptical path and finally to a nearly straight line motion at the discharge end.

**Circular motion at the feed end**
- Spreads the material across the full width of the screen surface
- Stratifies the material
- Aggressively conveys material forward

**Changing to elliptical motion at the middle of the deck**
- Long stroke elliptical action
- Enhances product stratification
- Conveys material at high capacity

**Reciprocating motion at the discharge end**
- Removes near-size particles
- Improves screening efficiency
- No vertical component ensures material is in constant contact with the screen surface

**Megatex™ XD Benefits**

- Proven Rotex Gyratory-Reciprocating Motion for unmatched product recovery efficiency
- Proportional feeding of each screen level eliminates the need for multiple feed points
- Full width doors, easy release locking handles and an external mounted drive reduce downtime
- A sleeveless discharge system uses brushes to control dust as product falls into take away boxes below the machine
**MEGATEX™ XD Features**

**Installation Options**

The Megatex XD is a reaction drive screener and must be suspended from existing framework or a Rotex supplied support stand. The suspension system consists of four hanger assemblies and isolates 95% of forces from adjacent structures.

**Existing structure**
Because the Megatex XD suspension system has low transmitted forces, the machine can be mounted directly to a structural steel framework.

**Rotex supplied stand**
Megatex XD Screeners can be floor mounted using a support stand designed for a specific model.

**Accessible External Drive**
Simple reaction drive cartridge with 2 spherical roller bearings designed for 200,000 hours of service.

**Quick Release Clamp Handle**
Improved access to screens with the new quick release clamp handle.

**Positive Screen Cleaning**
Bouncing balls keep screen openings clear, maintaining efficiency and capacity.

**Seals**
Easily replaced silicone rubber seals are available in white FDA-approved and high temperature (400 °F/204 °C) compounds.

To find your local Rotex representative visit [www.rotex.com](http://www.rotex.com)
**Examples of available Megatex™ XD Models**

<table>
<thead>
<tr>
<th>No. of Screen Surfaces</th>
<th>Number of Levels</th>
<th>Megatex Model No.</th>
<th>Normal Area per Surface</th>
<th>Motor</th>
<th>Principal Dimensions</th>
<th>Shipping Weight</th>
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*Indicates integral coarse scalp deck
**Power requirement is volume/application specific (Contact Rotex).
† indicates single discharge door - “Half machine”
‡ indicates this model is available only with 4 degree decks. (Standard slope is 6 degrees.)

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**Megatex™ XD Screeners vs. Conventional Screeners**

Megatex XD Screeners have a unique stacked deck design within a compact machine. Several parallel fed surfaces do the job of multiple screeners, saving capital expense, floor space, energy and installation cost. At higher capacities increased screen width (16”–48’/4.0 m–14.6 m) is more effective than extended screen length because the bed depth is lower. Lower bed depth improves material stratification, so recovery efficiency and product accuracy are higher than competitive units.

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