

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 setup between batches.

Superior Product Quality

- Rotex' unique horizontal, gyratory/reciprocating motion, exclusive "Dual Velocity" drive (patent pending) and positive displacement stroke achieve unmatched removal of oversize and longs.
- The long stroke, gyratory motion (4 times as long as vibratory screeners) spreads the pellets evenly across the full width of the unit. This motion then stratifies the material for exceptionally efficient fines removal.

Quick and Easy to Clean

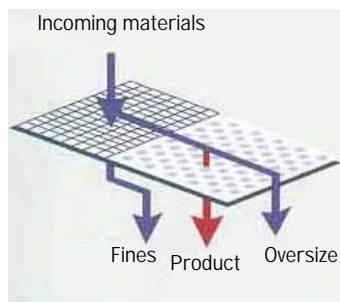
- Easy to disassemble or re-assemble for regular maintenance or for cleaning between batches.
- Portable and easy to move off-line.

Compact Design and Installation

- Screener height is as low as 700 mm.
- Flexible mounting configurations – floor mounted, elevated stand, or on wheels.
- Compact footprint makes it easy to fit in your current installation.

High Efficiency Longs Removal without Product Loss

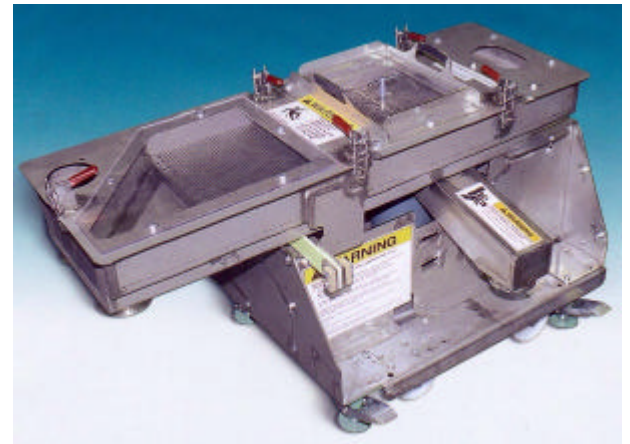
- The Rotex motion contains no vertical component so long pellets, "toothpicks" and "jack-straws" remain flat on the screen deck. They do not upend or pass through with the on-spec pellets as is often the case with vibratory screeners.
- Efficiently removes longs without losing good on-spec pellets with 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 9 to 50 mm.



Single surface for fines and overs removal

Unique Blinding Control

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



Achieve high efficiency pellet screening with the ROTEX® Plastic Pellet Screener. The model R0301PS, shown above, is designed specifically for capacities up to 700 kg/h.



Easy screen frame removal shown on double pass model.

Cleanability

- Only one screen deck to remove – a single deck removes both overs and fines.
- Easy to disassemble – lightweight parts easily handled by a single operator.
- Quick disconnect clamp handles – requires no tools to remove the top cover.
- All internal surfaces easy to clean.
- Fully visible screening surface – see-through, removable panels in top cover makes in-process inspection simple.



Low Headroom

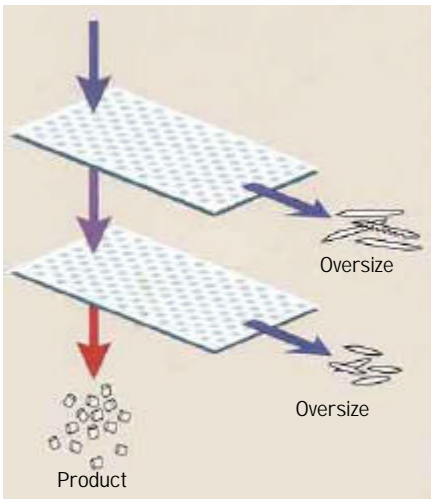
- Lower silhouette than most other screening equipment.
- Installed height as low as 700 mm.

Simple and Reliable Drive

- Lower operating speed reduces noise and wear and tear on machine's components.
- Vibration isolation – transmitted forces are minimized with a counterweight drive.
- Low maintenance – only three bearings greased annually.



Double Pass Pellet Screener



Capacities

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

- up to 700 kg/h
- 700 - 1400 kg/h
- 1400 - 2500 kg/h

For capacities higher than 2500 kg/h, Rotex Europe offers screeners with the same gyratory / reciprocating motion, accurate separations, compact design and installation configurations and ease of cleaning.

Options

- Double pass - 2-deck option provides a second screening surface for longs removal. Material is first screened on the top deck to remove fines and longs. The on-size product is then re-screened on a second deck for highly efficient removal of longs 9 mm and larger.
- Mounting options – casters with kick-down legs, or stand mounted.
- Blinding control pneumatic tappers – when running longer batches without interruptions for cleaning, pneumatic tappers can be added for additional control of screen blinding. "Tapping" frequency and force are both variable and can be adjusted by operator.
- Stainless steel wire screens, perforated plates, or a combination of the two can meet any separation requirement.

Rotex Europe also offers Pellet Screeners for capacities up to 60 TPH.



ROTEX

For a FREE copy of a sample lab report showing how the ROTEX® Plastic Pellet Screener has been used to remove up to 99% of longs, contact our Sales Departments.

To help you find the right screener for your installation, Rotex Europe offers free material testing in our on-site lab. Contact us to arrange a test of your sample.

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Information herein subject to change without notice.

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Covered by U.S. Patents Pending.