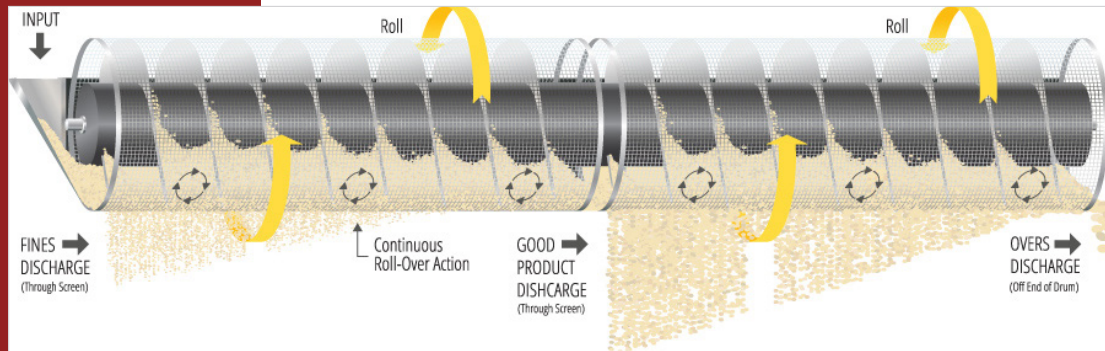


GRAINS SCREENER

The Multi-Grain Screening & Cleaning Solution. You will gain a competitive edge in the grain industry by making your product quality stand out. The time-proven reliability and quality of the Gentle Roll™ grain cleaner makes it the perfect solution for all your grain cleaning needs.

- Non-Vibrating
- Stainless Steel Construction
- Gentle Product Handling
- Easy Screen Inspection & Replacement
- Low Maintenance
- Wide Range of Capacities
- Excellent Dust Control
- Fully Enclosed
- Easy to Adjust



GENTLY REMOVES FINES FROM GRAINS.

The Gentle Roll™ Grains Screener efficiently and effectively screens and cleans grain to remove fines and overs. Unlike other screeners that shake or vibrate, the Gentle Roll™ rotary grain cleaner gently moves grain through a non-vibrating, rotary system to efficiently remove foreign material.

Screen configurations range from one to five screen sections and are determined by the end goal and application. The Gentle Roll™ uses simple gravity and mild centrifugal force to clean grain. The drum and screen rotate together as one assembly to prevent the drum from grinding the product. Screening efficiency is maximized at approximately 25 sq. ft. of screening area per section.

MEET HIGH QUALITY STANDARDS WITHOUT PRODUCT DAMAGE.

As the demand for grain quality continues to grow, the need for equipment with the capability of meeting high-quality standards does too. The Gentle Roll™ Grain Cleaner efficiently cleans grains without causing product damage.

SCREENERS

GRAIN SCREENING EQUIPMENT DESIGNED SPECIFICALLY TO MEET YOUR NEEDS.

Since every facility is different, each Gentle Roll™ cleaner is designed specifically for the individual customer's needs. The Gentle Roll™ is minimal to maintain, built to run continuously, and uses only the highest quality materials. Below is an available capacities example.

	Bu / HR	TONS / HR
One Drum	1,500	43
Two Drums	3,000	86
Four Drums	6,000	171
Six Drums	9,000	256
Eight Drums	12,000	324
Ten Drums	15,000	428



The above chart is based on dry, good flowing product, with a bulk density of 45lbs/ft³ or 720 kg/m³ at 1900 cu. ft./hr per drum.
Capacity varies depending on product specifications and flow.

LIFT YOUR GRAIN CLEANING PERFORMANCE WITH THE ASPIRATOR.

Add the single-pass, closed-circuit Aspirator to the Gentle Roll™ to remove fines, dust, and lightweight material from grain. When foreign material cannot be removed because its size and shape are similar to the grain being screened, then using air to separate it by density is the next best step.



OTHER APPLICATIONS

The Gentle Roll™ has been proven successful in a variety of different applications.

ANIMAL FEED

GRAINS

INDUSTRIAL

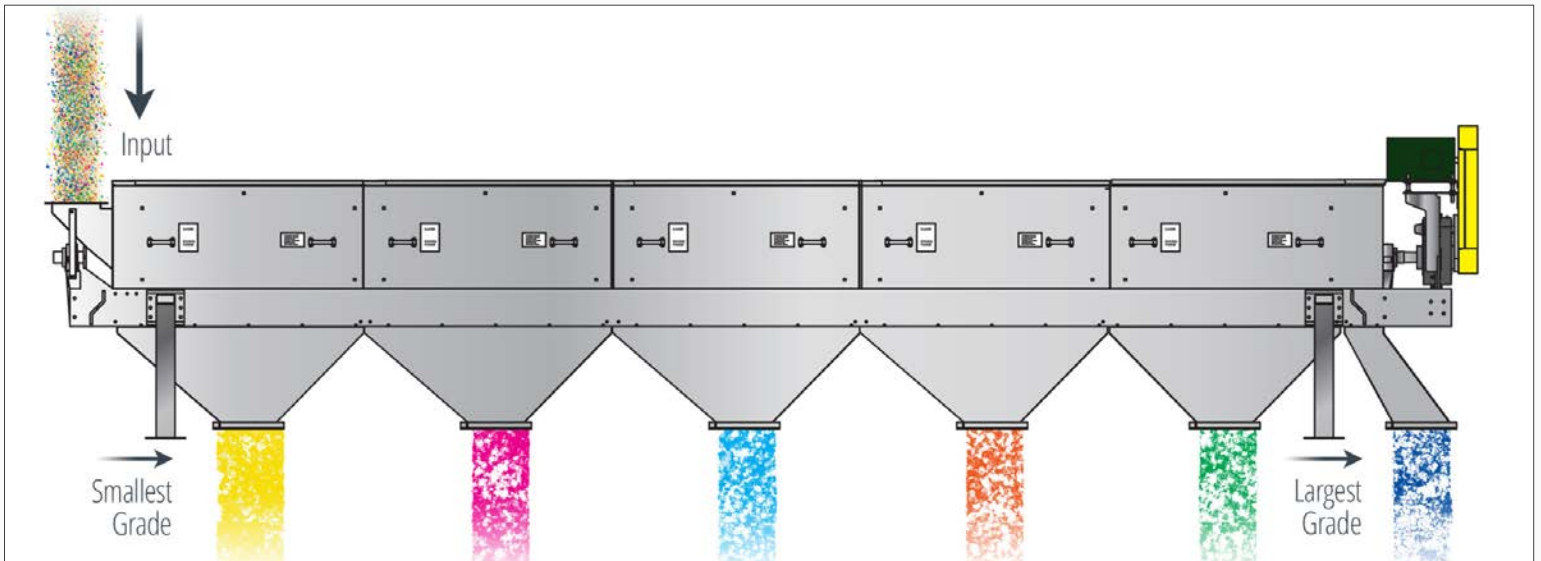
PULSES

SALT

WOOD PELLETS

SCREENERS

SCREEN CONFIGURATIONS:



The Gentle Roll™ Standard Model offers a wide range of models and configurations. The flexibility of the design allows you to remove fines, overs, fines & overs, or separate by size.

Screen configurations range from one to five screen sections and are determined by the end goal and application.

Fine Particle Removal: 1-3 screens

Scalping: 2 screens

Fine Particle Removal and Scalping: 4-5 screens (2-3 to remove fines and 2 to scalp)

Grade Sizing: 1-5 screens depending upon the application and goal

DRUM CAPACITY

1500 bushels per hour of good flowing grain (corn, etc.)
1900 cubic feet per hour good flowing product (small pellets)

1200 cubic feet per hour poor flowing product (cubes)
43 tons per hour of dry, free-flowing product (based upon 45 lbs/cu ft)

Drums	1	2	4	6	8	10
Bu/Hr	1,500	3,000	6,000	9,000	12,000	15,000
Cu. Ft./Hr	1,900	3,800	7,600	11,400	15,200	19,000
M ³ /Hr	53	106	212	318	424	530
Tons/Hr	43	86	171	256	324	428
Mtons/Hr	39	78	156	234	312	390

The chart is based on dry, good flowing product, with a bulk density of 45lbs/ft³ or 720 kg/m³ at 1900 cu. ft./hr per drum. Capacity varies depending on product specifications and flow.