TUMBLER SIFTER

A Better Way of Sieving to Increase Productivity

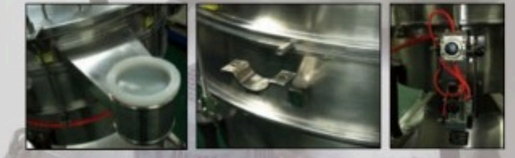
Tumbler Screen (NTS) with its imitation of artificial screening process mechanically simulated, which supports you with a better sieving performance.

A Better Sieving Solution

- √ Control screening, classifying, de-dusting of dry material
- √ Meet high feed rates, large output, low-density sieving
- √ 5-10 times sieve life than usual sieving machine
- √ For sphere, cylinder, flake and irregular shape materials
- √ For precise separation of material in 1-6 decks
- √ Feed rates from 10 kg/hr up to 50 t/hr
- √ Available with mesh sizes of 20 microns to 20 mm
- √ 100% airlock, dustproof

Reliable Motor
Insulation & Protection class safeguard your production

Grounding Conductor
Secure, reliable and convenience for operation
For E-static material difficulty to sieve



Rubber Components
Food-graded silicon complies with FDA, GMP

Transducer Fixer
Designed for Ultrasound system interface

Screen Lifter
Easy & quick change screen

Screen
Available with diameter from 1000-2000mm,
Anti-blinding System with Ultrasound screen

Jumping Balls&Rings
Easy mesh cleaning, blockage free

www.navector.com | (86) 21 64096377| sale@navector.com

Navector Screenig Technology.

Fabrication & Customization

Specification	
Feed Sizes	20 μm – 20 mm
Feed Rates	1 kg/h – 50.000 kg/h
Bulk Densities	20 – 10.000 g/l
Mesh Openings	20 μm – 20 mm
Screens Usable	Stainless steel wire or perforated plates
No. of Decks	1 – 5
Mesh Cleaning	Jumping balls/rings, Rotating brush, Ultrasound
Speed Range	180 – 280 min–1
Screen Movement	3-dimensional, settable
Acceleration	1.3 – 1.8 g / 60 – 80 mm horizontal & 5 – 40 mm vertical
dMaterials	Carbon steel, stainless steels 304/316
Machine Surface Treatment	Painted, brushed or mirror polished

Applications

- √ Tapioca Starch
- √ Modified Starch
- √ Rice/Wheat Flour
- √ Food Additives
- √ Chemicals
- √ Pharmaceuticals
- √ Building Material
- √ Metal Powders
- √ Tea
- √ Feed
- √ Fertilizer
- √ Plastic Pellet
- √ Resin
- √ EPS/PVI/PVC

SERVICE WE OFFER

- √ Cutting edge sieving solution
- √ Meet individual requirement to large industrial plant
- √ Fabricate custom design products
- √ Compatible screen & part replacement

Mesh Size	D 1200	D 1500	D 1800
80 mesh	60 t/day	130 t/day	200 t/day
100 mesh	50 t/day	120 t/day	180 t/day

Rotary Grate Magnet Separator

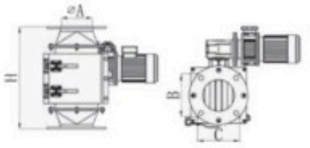
Features:

1. Detachable designing for easy cleaning and installing.
2. The maximum magnetic strength can reach 13000GS and the standard working temperature is lower than 80℃. The maximum working temperature can reach 350℃ as required.
3. The quantity of magnetic bar can be increased or reduced according to the different materials.
4. Square chute or round pipeline flange is available for different connections.
5. Rotating magnetic bar can prevent the material from caking or bridging.

Applications:

Rotary Grate Magnet Separator are widely used in field of building materials, chemical, mining, food, refractory and pharmacy, which are designed for removing Ferrum scraps from powder or graininess materials, especially for those high viscosity or poor fluidity materials that is prone to caking or bridging.

Specifications:



MODEL NO	Dimension(mm)					No. of rods	Weight(Kg)	Flowrate of starch m³/h
	ΦA	B	C	H	KW			
MRG150	150	205	208	450	0.25	7	43	3.5
MRG200	200	255	258	500	0.25	9	54	6
MRG250	250	305	308	550	0.25	11	62	10
MRG300	300	355	358	600	0.37	13	72	14
MRG350	350	405	408	650	0.37	15	84	18
MRG2020	-	205	208	270	0.25	7	29	
MRG2525	-	255	258	320	0.25	9	38	
MRG3030	-	305	308	370	0.25	11	43	
MRG3535	-	355	358	420	0.37	13	52	
MRG4040	-	405	408	450	0.37	15	62.5	

Note: Flow rate based on cassava starch, moisture content smaller than 13%, BD: 0.7g/cm³, Particle size:Smaller than 80mesh.