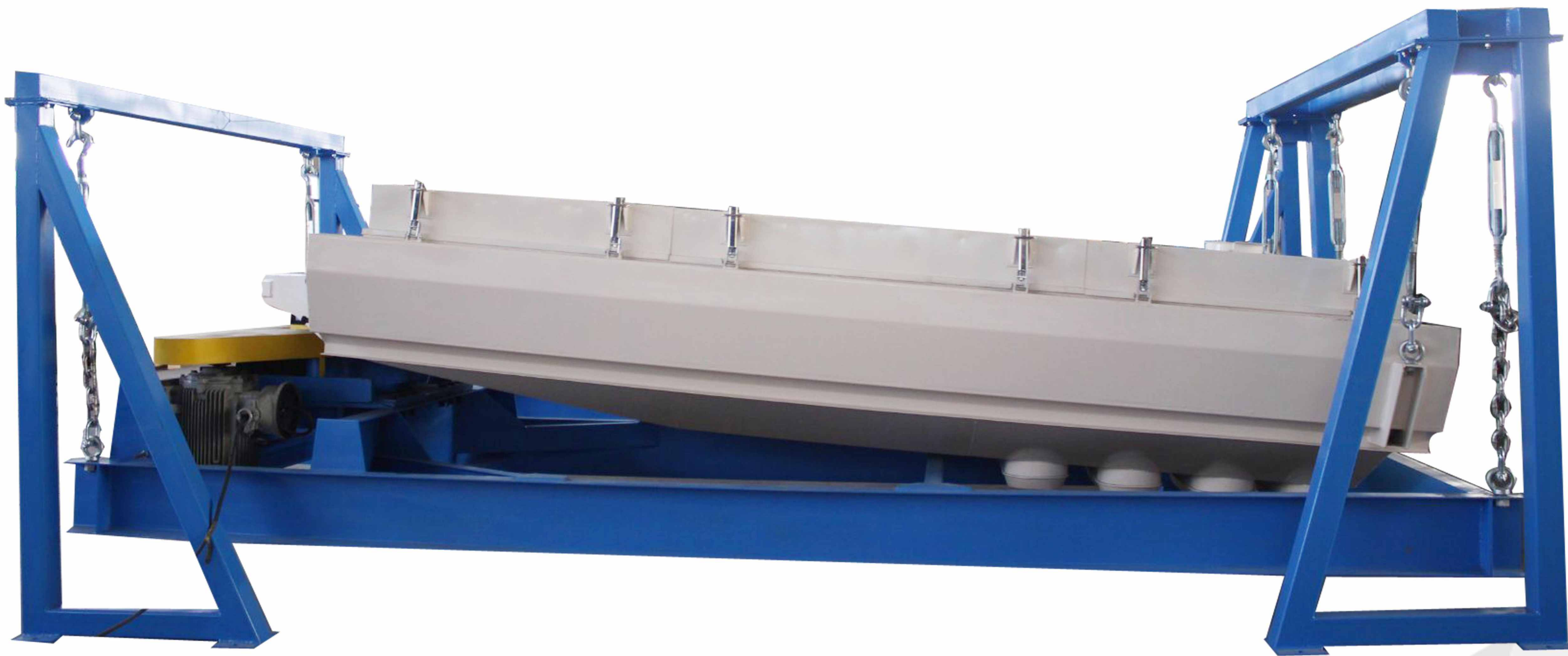


NOVATEX SCREENER

SCREENS SEPARATORS



INTRODUCTION

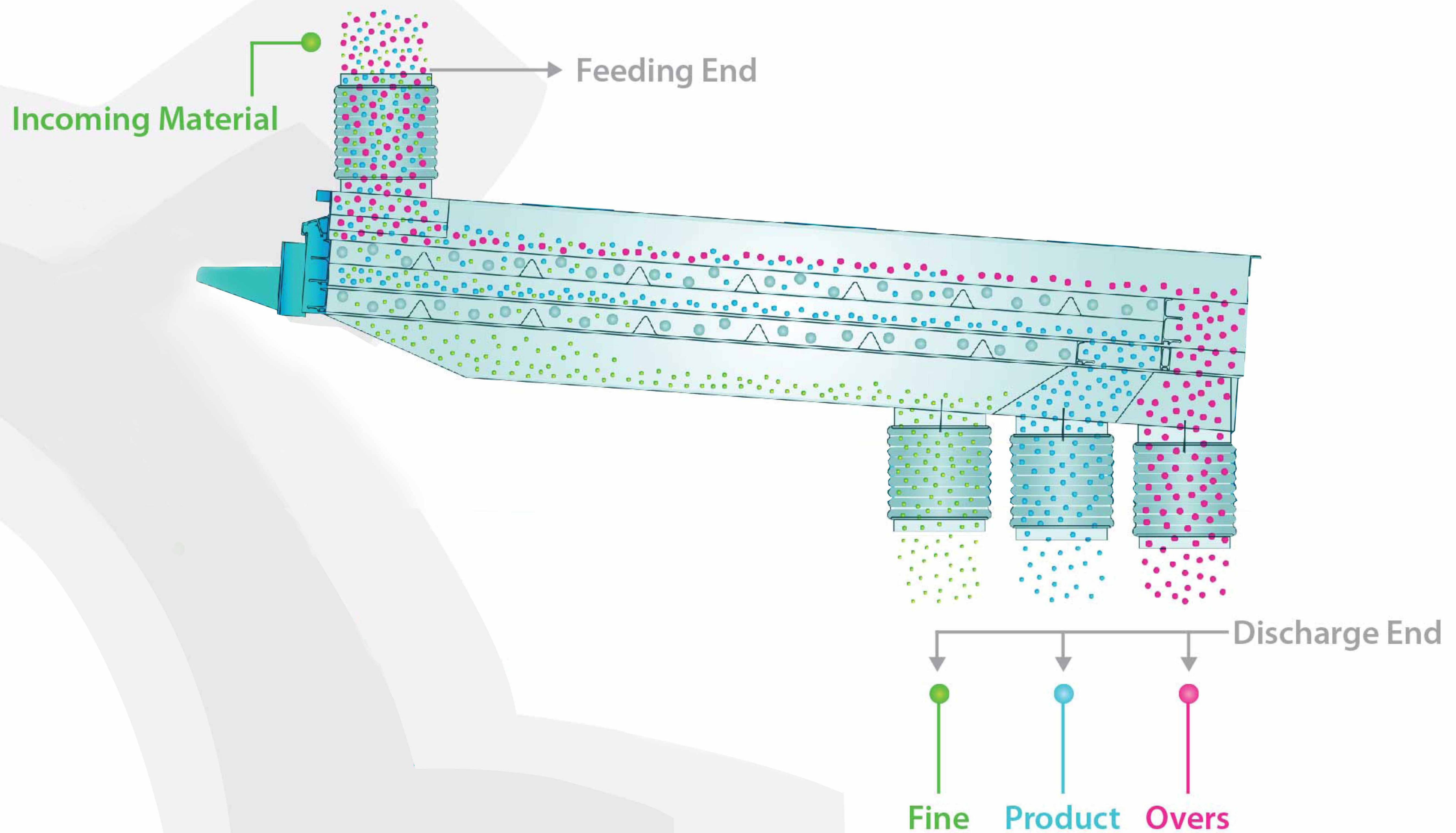
Novatex Gyrotory Vibrating Screen unique technology is a high efficiency screening machine for separating materials according to particle size without product deterioration. The machine consist of top cover, screen frame, screen box, base and drive system. Screener designed and construction to meet specific requirement of Industry. Multi deck screeners produce several grades of products in one machine. This design is totally enclosed without dust pollution.

MAIN FEATURES

- Accurate Screening and separation with high production yields at the same time.
- Totally – enclosed design with unitized screen frames, easy to assemble, clean and maintenance.
- Automatic screen cleaning device- bouncing balls prevent the screen surface from blinding.
- Smooth operation, low noise, environmental protection.
- Combining with circle, ellipse, straight three modes of motion, with high screening efficiency.
- Hanging structure, also can be customized to be reinforced base type.
- Convenient and rapid to change the screen mesh

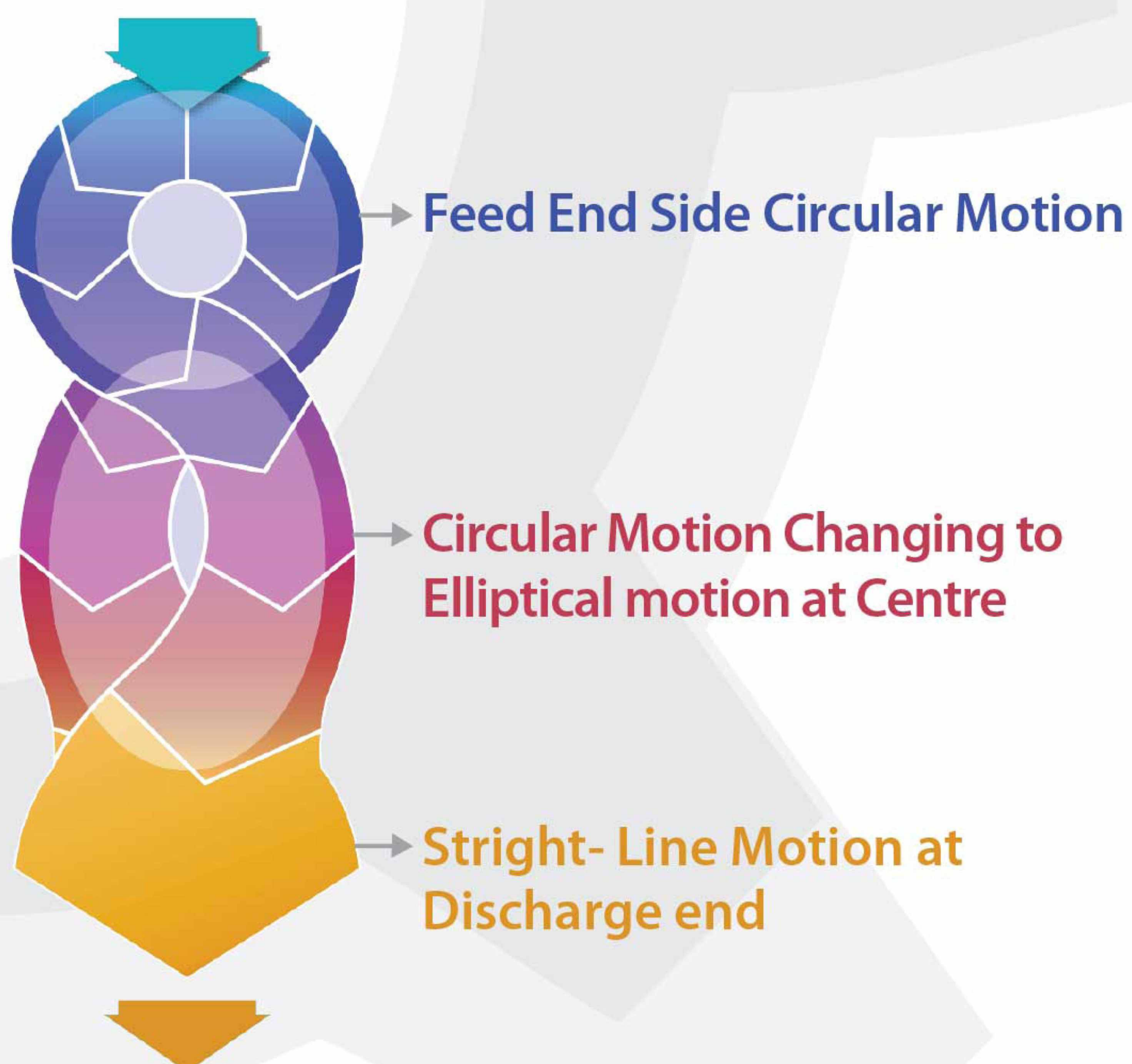
“ Super performance to get the desired separation, reducing cost, saving in manpower, easy to maintenance, long life and trouble free operation”

FLOW OF MATERIALS



WORKING PRINCIPLE

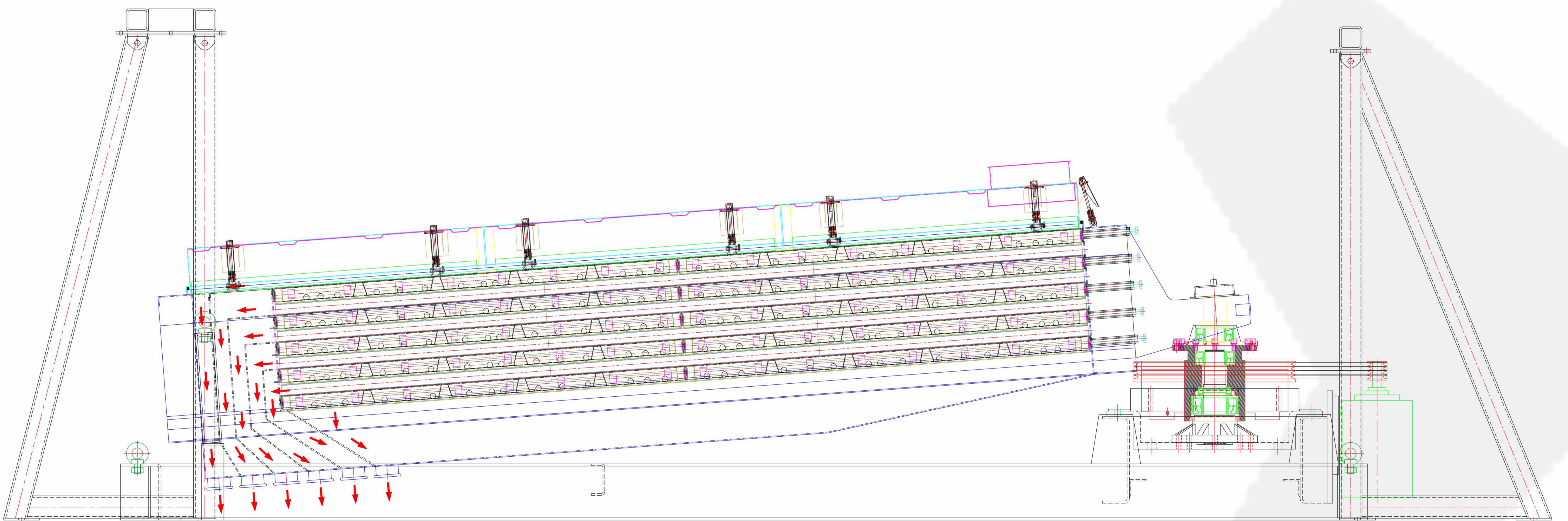
Novatex Gyratory Reciprocating Motion gives a Combination of actions to the material as it passes along the screen surface. It begins with a horizontal circular motion at the feed end, gradually changes to elliptical motion at the center, and finally to a straight-line motion at the discharge end, keeping the materials contact with the screen surface without deterioration.



MESH CLEANING BALLS

The Bouncing balls keep preventing the screen surface and screening opening clear.





No. of Deck	Model	Screen Surface Size in (mm)	Feeding Size (mm)	Power
1 TO 3	NT 1021	1000mm width x 2100mm length	≤ 10 mm	5 HP, 720 RPM
1 TO 4	NT 1028	1000mm width x 2800mm length	≤ 10 mm	7.5 HP, 720 RPM
1 TO 5	NT 1035	1000mm width x 3500mm length	≤ 10 mm	10 HP, 720 RPM

*** Machine Construction Heavy duty carbon Steel and also available Stainless Steel AISI 304 / 316 accordingly required by customer***



ADVANTAGE

- All components are easily accessible and removable for ease of disassembly and cleaning
No vertical vibration, longer life span of mesh
- Every layer is installed an anti- blocking and cleaning facility and able to clean mesh while sieving.
- Exterior is designed for easy cleaning, Exterior permanent joints are either welded continuously, or strip welded and filled with epoxy.
- Lower headroom permits operation in confined areas, reducing cost of building and maintenance.
- Less Conveying equipment is required for elevating material to the feed point.
- Greater product yields at higher production rates.
- Low energy consumption .
- **High Screening efficiency and More output**
- Create Low noise pollution

APPLICATION SCOPE

Novatex Screeners is suitable for the followings Application Areas:-

- Food Processing – Desiccated Coconut, Tea, Sugar, Salt, Flour, milk powder, Coffee, Grains, Cereals, Rice, Nuts, Spices, Cornstarch
- Carbon Products – Coke, Graphite, Charcoal
- Chemical Compounds, clay
- Fertilizer – Ammonium nitrate, phosphates, potash, Urea etc.
- Minerals – Sand, roofing granules, Lime stone, Soda ash etc.
- Paper pulp chips, Plastic pellet, steel shot
- Pharmaceutical Products
- Powder Metals – Aluminum, Copper iron, Nickel, Steel, Zinc etc.
- Recycling – Recycling centers, PET plastic, Dry wall Scrap, Ground rubber.
- Hard – Glass beads, Crushed Slag, Aluminum Oxide, Sand and other abrasive materials.

Besides that any other Fine materials.



Desiccated Coconut



Coffee



Sugar



Flour



Cornstarch



Urea



Potash



Coke



Graphite



Sand



Iron



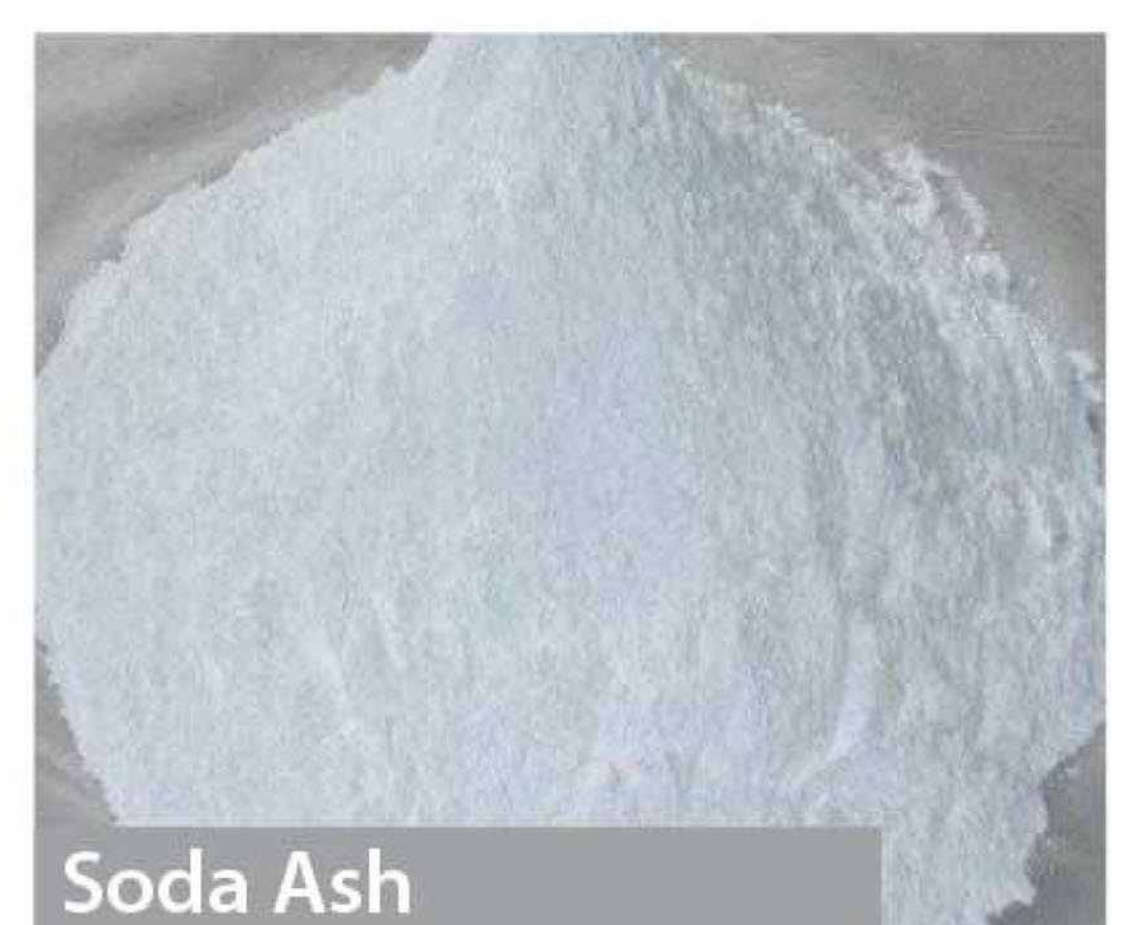
Glass Beads



Pharmaceutical



Lime Stone



Soda Ash



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