

## Rotary screen

Screening drum are used in a variety of recycling and industrial processes for secondary raw and waste material.

Our design based on the last equipment technology to achieve many advantages such as:

- Vibration free, smooth running operation
- High degree of screening.
- Effective material cleaning due to continuous rotation.
- Screens largely self-cleaning due to continuous rotation

## Main features

### Carrying frame

Frame carrying all equipment components and provide a range of inclination angle.

### Rotating drum

This part uses a combined type of screen mesh, which is responsible of separated the finish product from the material.

### Driving system

Including a set of wheels and drive units which are responsible of rotating the drum with the desired speed.

### Screw Flights

- Troughs are available in several standard designs. Standard lengths should be used wherever possible.
- Compact, manufactured straight and accurate in helicoid, sectional

### Side cover

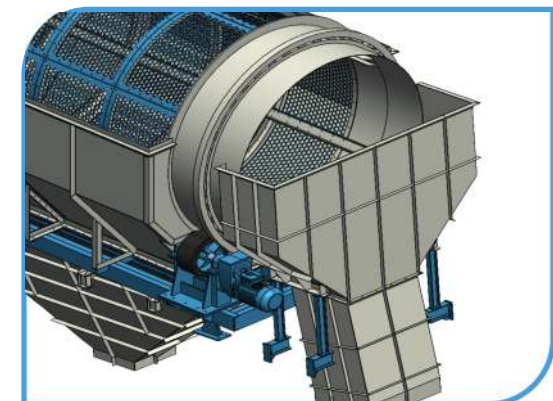
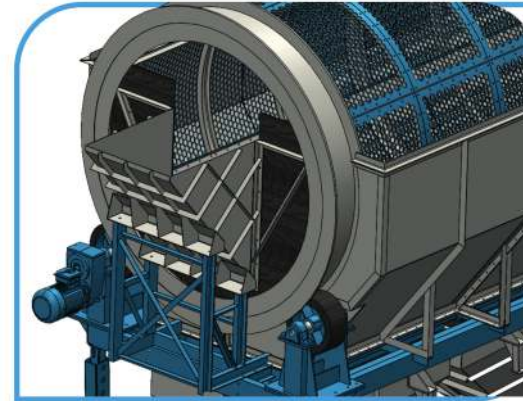
Collect the screening material in the outlet chute

### Thrust mechanism

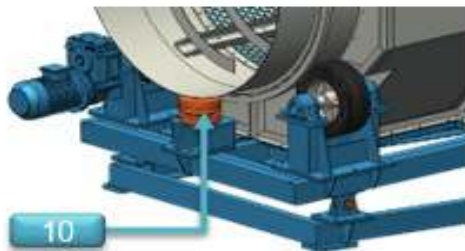
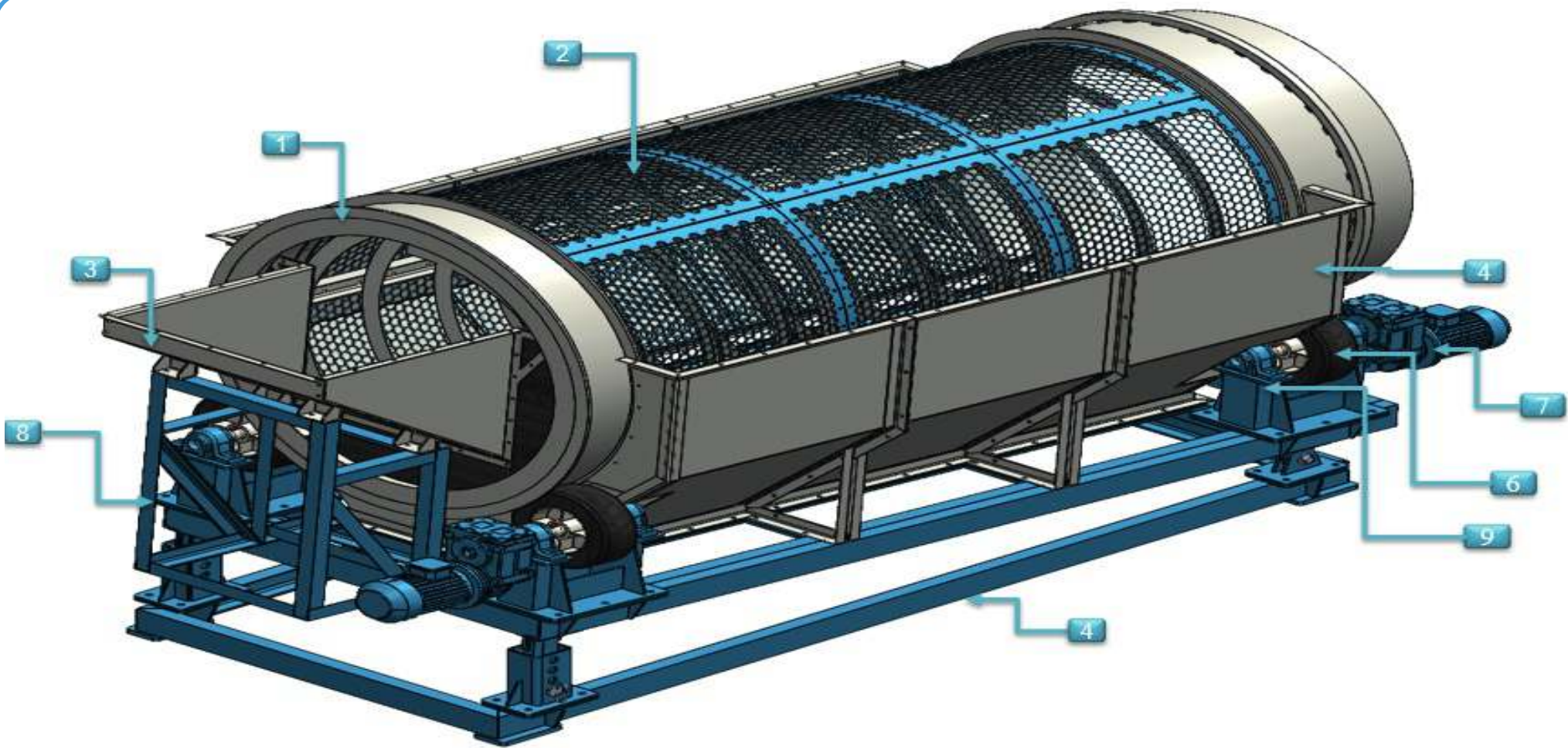
Prevent sliding of the rotary drum at the axial direction

### Accessories

- Set of sensors (Rotation control, Emergency stop switch, over flow ...etc.).



Capacity (m <sup>3</sup> /Hr.)	Up To 600	Length (m)	Up to 14
Width (m)	Up to 6	Hight (m)	Up To 7
Speed (rev/min.) "Acc. to application"	Up to 15 (Rev/min)	Casing Surface Treatment "Acc. to application"	Painted Hot-dip galvanized Stainless steel



No.	Item Description	No.	Item Description
1	Rotary Drum	6	Rolling Wheels
2	Perforated Screens	7	Driving Motors
3	Inlet Chute	8	Inlet chute carrying steel structure
4	Carrying Frame	9	Heavy Duty Bearings
5	Side Covers	10	Thrust Mechanism