



## 10 20 30 50 T/H Vibrating Screening Machine Quarry Sand Gravel Rotary Trommel Screen

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Ascend
- Certification: CE/ISSO9001
- Model Number: GS9018 GS1230 GS1530
- Minimum Order Quantity: 1 set
- Price: 4000-12900 USD Per Set
- Packaging Details: Water and rust proof in wooden box or cotainer
- Delivery Time: 7-10 working days
- Payment Terms: T/T, Western Union, L/C
- Supply Ability: 10 set per month



### Product Specification

- Name: Rotary Drum Screener Machine
- Key Word: Rotary Trommel Screen Machine
- Application: Mining Ore, Slag, Quarry
- Dimension: 5570mmx3086mmx3296mm
- Color: Yellow Or Green
- Warranty: One Year
- Use: Rotating Trommel Drum Screen
- Highlight: **50 T/H Vibrating Screening Machine , Sand Gravel Rotary Trommel Screen, Quarry Sand Rotary Trommel Screen**



### More Images



### Product Description

#### Quarry sand gold washing rotary drum trommel screen machine for sale

**Rotary Trommel screen** has wide range of sizes and capacities, **Trommel screen** is a mechanical screening machine used to separate materials. **Trommel screen** consists of a perforated cylindrical drum that is normally elevated at an angle at the feed end, motor, reduction unit, screen frame and sealing cover. When materials flow towards along the inclined rotating drum, materials jump and roll, the undersized material smaller than the screen apertures passes through the screen, while the oversized material exits at the other end of the drum.

Our Product



**Rotary trommel screen specifications**

Model	Power(kw)	Drum Diameter(m m)	Drum length(m m)	Screen size(mm)	Dimension(mm)
GT1015	3	1000	1500	<3-10	3000*1400*2145
GT1020	3	1000	2000		3460*1400*2145
GT1225	4	1200	1500		4146*1600*2680
GT1530	5.5	1500	3000		4460*1900*2820
GT1545	7	1500	4500		5960*1900*3080
WGT1848	11	1800	4800		6500*2300*4000
GT2055	15	2000	5500		7500*2500*4000

**Drum screen Working principle:**

The raw materials through the entrance of the Inlet will be pushed into the rotary drum/ cylinder sieve .raw materials in the rotary drum cylinder will be selected by the rotation of rotary drum sieve ,with the rotating of the cylinder the materials that less than the screen mesh will flow down by gravity ,the oversize materials will flow through the cylinder and discharge from outlet at the machine end.



**Rotary Drum screen Application**

**Quarry:** suitable for screening and classifying gravel, clay, mountain meal, sand, etc.

**Coal Industry:** suitable for screening and classifying lump coal, coal dust, coal washing, etc.

**Abrasive material and ceramic industry:** building sand, mica, alumina, silica sand, abrasive, refractory materialetc.

**Metallurgy and mining industry:** quartz sand, sand, ore, titanium oxide, zinc oxide, etc.

**Mechanical industry:** casting sand, charcoal, grafito, powder metallurgy, electromagnetic material and metal powder, etc





Quarry



Compost



Mineral-selecting



Waste Treatment



Cold Mine



Pollution Treatment



Sand



Metallurgy

### Cylinder drum screen advantages

1. Wide material adaptability: It is used for screening of various materials. No matter it is inferior coal, slime, soot or other materials, it can be screened smoothly.
2. High screening efficiency: The equipment can be equipped with comb cleaning mechanism. In the screening process, the materials entering the screening cylinder can be screened according to impurities and dirt to improve the screening efficiency of the equipment.
3. The screening composition is large and easy to enlarge: In the same size, the circular area is larger than other shapes, so the effective screening area is large, so that the material can fully contact the screening, so that the screening component per unit time is large.
4. Good working environment: The whole screening cylinder can be sealed with a sealed isolation cover to completely eliminate dust and block splashing during screening and avoid pollution to the working environment.





Sand stone drum screen delivery



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