Tumbler screen

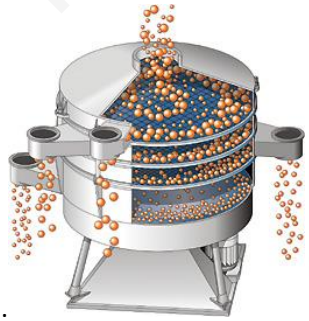
Product brief

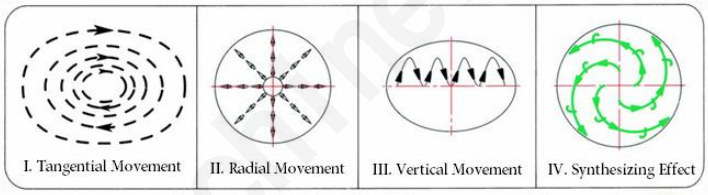
The tumbler screen is a new type of multi-purpose and high-efficiency screening equipment specially designed to meet the screening requirements of large output and high density.Due to the unique structure and working principle, the tumbler screen is especially suitable for the screening of particulate materials and fine powder materials. Its new design concept and unique structure make it a screening equipment that is closer to manual screening operations.



Working principle

Tumbler screen working principle is similar to hand screening .The machine is driven by a unbalance motor, which is with variable eccentric weights on both sides of motor shaft, The screening time and movement of material on the screen surface can be controlled by adjusting the angle of the two eccentric weights





the movement condition & synthesizing effect of the material on the screen surface

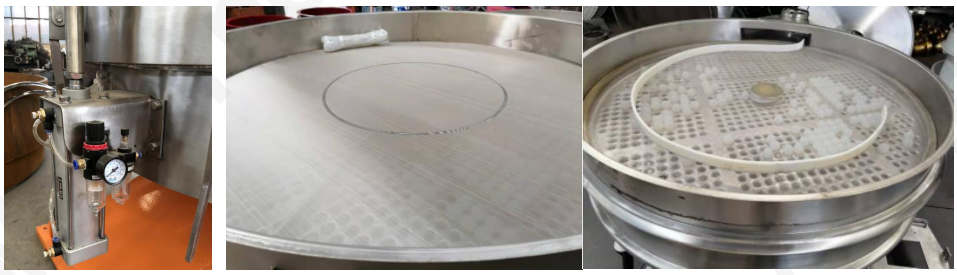
Technical parameter

Model	RY1000	RY1200	RY1600	RY2000	RY2200	RY2600
Diameter	1000mm	1200mm	1600mm	2000mm	2200mm	2600mm
Area(M2)	0.71	1.11	1.83	3.05	5.18	5.31
Mesh Size	0.028mm-12mm					
Layer	1-5					
Power	1.5KW	1.5KW	3.0KW	4.0KW	4.0KW	5.5KW
Frequency	950					
Feeding material size	<100mm					
Net Cleaning	Bouncing ball,Ultrasonic device,Rolling brush					

Features

1. Quick open clamp is convenient for replacing the mesh.
2. High sieving efficiency, up to 5 decks and get 6 sizes.
3. Good sealing performance, friendly environment
4. For multi layers, the lifting device can be designed by hand or pneumatic





Application





Model choice

Please provide your material name, fluidity, material size distribution and output demand, we will recommend the suitable model for you according to your actual demand.