

Multi-Layer & Sealed Type Vibratory Separator GY-500-1S ~ GY-1500-1S



Features

Compact, light weight, mobility, low noise and pollution, less energy consumption, and easy installation. The machine outlet can be connected to any direction. Sieved material can be discharged straight away, suitable for automated operation.

No blockage on screen, high efficiency, applicable for 400 mesh or finer.

Unique screen design, quick for changing screens which takes only 3 - 5 minutes. Easy to clean. Easy operation and maintenance. It can be used for single deck or multi decks. All the surfaces touch with raw materials are made by stainless steel to ensure a hygienic operation.

Principles

Material Flow Direction Lead Angle	Material traveling pattern	Application
0°	Material travels in a radial direction.	Suitable for rough screening, or in high volume sorting.
15°	Material begins to spiral outwardly.	Applicable for most screening.
45°	Giving maximum screening pattern.	Suitable for precise screening or fine powder screening.
90°	Material spirals towards the center.	Applicable for special material screening.

Specification

Model	Capacity (kg / hr)	Motor (HP)	Voltage (V)	Frequency (HZ)	Speed (RPM)	Effective diameter of screen (mm)	Dimension L / W / H (mm)	NO. of Deck	Net weight (kg)
GY-500-1S	120	3/4	380	50	1440	358	510 / 510 / 707	1	90
GY-600-1S	180	1	380	50	1440	525	600 / 600 / 853	1	105
GY-800-1S	210	1	380	50	1440	730	800 / 800 / 854	1	200
GY-1000-1S	300	2	380	50	1440	900	1000 / 1000 / 920	1	235
GY-1200-1S	350	2.5	380	50	1440	1100	1200 / 1200 / 1037	1	340
GY-1500-1S	500	3	380	50	1440	1400	1500 / 1500 / 1110	1	515

(Capacity is estimated based on applying mesh # 60. Actual may vary from materials and other factors.)

Application

This machine is ideally for sieving and separating powder, particle and slurry in many industries, such as ceramics, food processing, pharmaceuticals, chemicals, bio-chemicals, electronics, sintering, plastic, rubber, grinding, recycle and etc.