

PSB Vertical Top Discharge Centrifuges



The PSB vertical top discharge centrifuges are the time-verified solution for industrial separation needs.

Main Features of PSB Vertical Top Discharge Centrifuge

1. This enclosed top discharge centrifuge comes with smooth parts and polished surfaces. Contacting parts are made from stainless steel. Based on hinge cover design, customers benefit from highest levels of sanitation and efficient cleaning of the gap between centrifuge housing and basket.
2. Our stainless steel separation equipment adopts platform base to lower center of gravity and occupy minimized floor space. Moreover, the base can be used as operation platform for ease of operation.
3. Liquid damping vibration absorber is introduced for competent performance and reduced maintenance workload.
4. In order for easy operation, we place feeding pipe, washing pipe, inspection window and lighting hole on the hinge cover. Optional CIP system is available to meet GMP requirements on sanitation level of centrifuge housing inner wall, liquid slot wall and inner and outer wall of basket.
5. This enclosed centrifuge brings minimized damages to particles. Therefore, our vertical top discharge centrifuge has been serving the separation needs of fibrous materials and slurries containing granules.
6. Our enclosed explosion proof centrifuge involves the utilization of variable frequency drive for stable start-up and adjustable centrifugal force.
7. Silicone rubber or fluororubber is applied to enhance enclosed structure. Optional nitrogen protection system is available to cater to applications that are poisonous, flammable and explosive.

Applications of PSB Vertical Top Discharge Centrifuges

The vertical top discharge centrifuge is a great solid liquid separation solution for suspension liquids containing particle solids as well as slurries containing fibrous materials. To illustrate, the vertical centrifuge is often applied in industries such as plaster, copper sulfate, potassium chloride, borax, dyestuff, pesticide, salt, gourmet powder, food additive, starch, sugar, chemical seasoning, antibiotic, vitamin, as well as sludge treatment, wastewater treatment and metal refining like including copper, zinc and aluminum, etc.

Technical Parameter of PSB Vertical Top Discharge Centrifuge

Item	Model					
	PSB600	PSB800	PSB1000	PSB1200	PSB1250	PSB1500
Basket Dia. (mm)	600	800	1000	1200	1250	1500
Basket Volume (L)	40	100	150	270	310	600
Max. Load (kg)	55	135	200	360	420	800
Max. Speed (rpm)	1500	1200	1100	960	960	850
Centrifugal Force	755	645	670	620	645	605
Motor Power (kW)	3	5.5	11	15	18.5	22
Dimension (L×W×H) (mm)	1300×1050 ×13150	1550×1200 ×1300	1800×1400 ×1300	2100×1600 ×1500	2400×1900 ×1650	2600×2200 ×1800
Weight (kg)	1100	1300	2000	3000	3200	4500