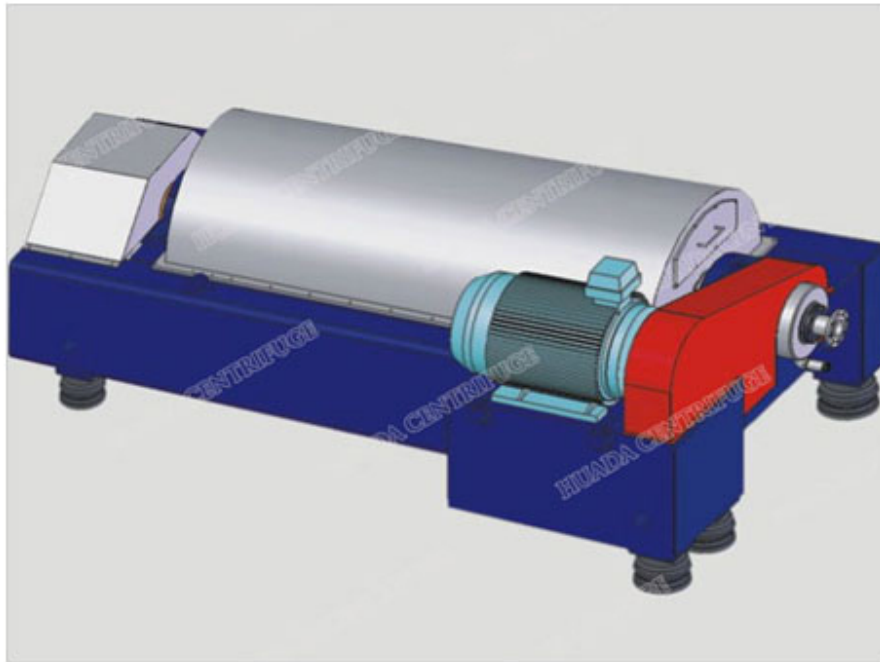


LWZ Screen Bowl Decanter Centrifuges



The LWZ screen bowl decanter centrifuges are the perfect blend of sedimentation and filtration functions and feature exceptional dewatering effects.

Working Principle

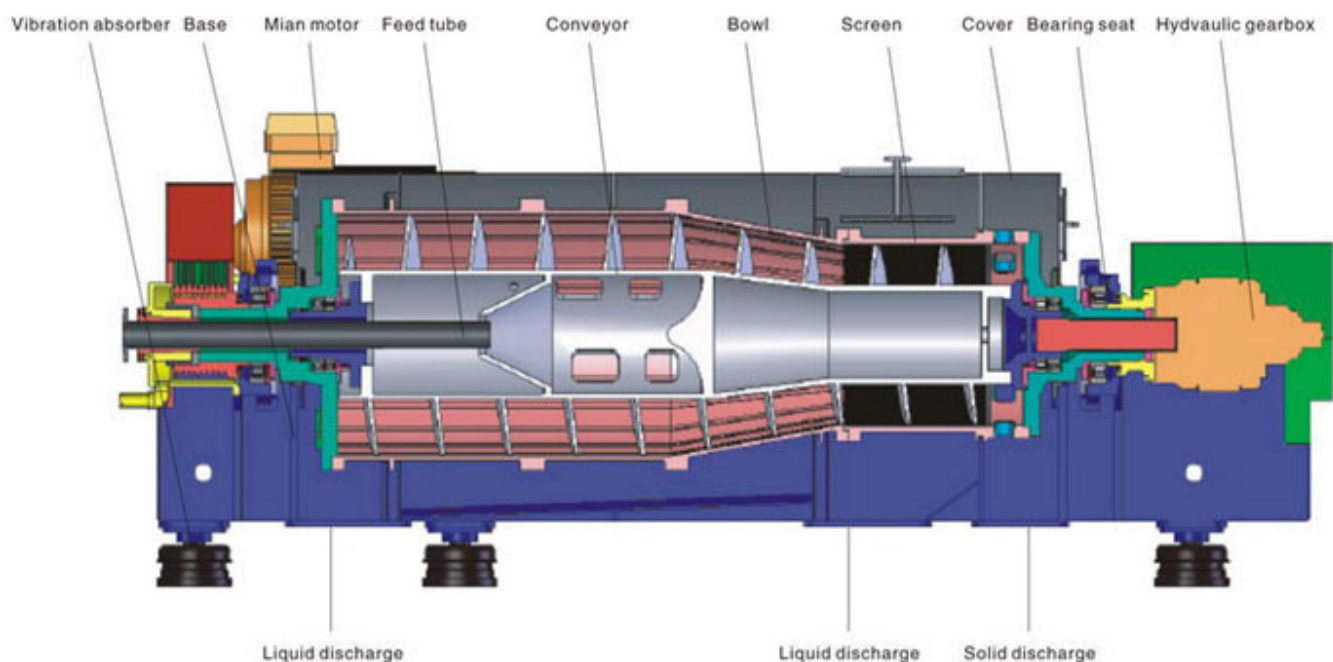
In the first solid-liquid separation stage, phases are dewatered in the sedimentation area of this industrial separation equipment bowl. Separated solids are moved to filtration area and clarified liquids are discharged from liquid outlet.

In the second separation stage, concentrated substances are further dewatered in filtration screen section.

Applications

This horizontal sedimenting centrifuge is specially applied to solid-liquid separations for industries of mining, metallurgy and salt production. Our horizontal filtering centrifuge is distinguished by large production capacity and remarkable low moisture content of solid phases.

Structural Diagram of LWZ Screen Bowl Decanter Centrifuges



Technical Parameter of LWZ Screen Bowl Decanter Centrifuges

Model	Bowl Dia. (mm)	L/D Ratio	Max. Speed (r/min)	G-Force	Main Motor Power (kW)	Weight (kg)	Dimension (L×W×H) (mm)
LWZ800×2800	800	3.5	2000	1790	90-110	12000	4350×2026×1525
LWZ1000×3000	1000	3	1500	1258	132-160	16000	5220×2425×1946