

▶ Double-deck Scrubbing Thickener

Principle

The slurry is fed through the feeding cylinder. The slurry freely settled in the rake area will be further thickened by pressure of the scraper, gradually scraped by the rake to the center of the pond, and discharged into the next pond from the outlet by gravity. The materials will be washed by the clean water flowing through the distribution cabinet into the bottom layer. The overflow at the bottom layer will return to the distribution cabinet and enter the upper layer to wash the materials. The overflow of the first layer will be discharged from the overflow weir, and the materials washed for twice will be discharged from the bottom.



Features

Small floor space and energy saving.

Application

It is mainly used for the countercurrent washing in gold cyanide process, and can also be used for the washing and de-watering operation in wet metallurgy, light industry and chemical industry.

Technical Parameters

Spec.	Diameter (m)	Depth of Center Tank (m)	Subsidence Area (m ²)	Revolution of Harrow Frame (r/min)	Capacity (t/d)	Motor Model	Motor Power (kW)	Weight (kg)	Remarks
2NZS6	6	5.34	56.5	0.25	≤ 50	Y112M-6	2.2	13360	Excluding the pond weight
2NZS7	7	5.41	77		≤ 56			14200	
2NZS8	8	6.08	100.7	0.28	≤ 68	Y132M1-6	4	50449	Including the pond weight
2NZS9	9	5.91	127.3		≤ 88			54628	
2NZS12	12	6.87	226	0.2	≤ 160	Y132M2-6	5.5	40400	Excluding the pond weight
2NZS15	15	6.95	353.3	0.15	≤ 250			51470	

▶ Cylindrical Filter

Technical Parameters

Filter Area (m ²)	Max. Filter Pressure (MPa)	Volume (m ³)	Dismounting Height (m)	Weight (kg)
20	0.05	5	6	3145
40	0.06	9.2		4958