

Specification of 2-stage Pusher Centrifuge Model PP-50

(For Sea Salt Purpose)



Applications

Model PP-50 Two-stage Pusher Centrifuge is a kind of perforated basket centrifuge, both continuous and effective. The mixture to be separated is fed through the feeding pipe and the distributor continuously and evenly into the first stage basket. Most of the mother-liquor in the feed, acted on by centrifugal force, departs through the sieves into the liquor-collecting casing where it will be discharged out of the machine. The first stage basket rotates and reciprocates, pushing the formed product cake into the second stage basket. The cake can have sufficient retardation in the centrifuge with being acted on by more centrifugal force, and therefore, the desired humidity of the cake can be guaranteed. Afterwards, the cake is continuously discharged out of the basket. In case of high purity for the solid product, the effective washing can be carried out in the centrifuge. If necessary, the washing agent and the mother-liquor can be discharged separately.

Detailed Technical Parameters

Equipment	2 stage Pusher Centrifuge		
Spec.	PP-50	Qty	set
Technical Parameters			
1	Basket diameter		438/500 mm
2	Basket Rotate Speed (Max)		2000rpm
3	Stroke of Pusher Mechanism		40-80 times/min (can be adjusted)
4	First, second stage mesh aperture (as per the material)		mm, mm
5	Separation Factor		1119
6	Main motor	Spec/Power	45 KW
		Installation type	Horizontal
		Protection class	IP54/F1
		Working power/frequency	3 phase AC, Customized
7	Oil pump motor	Spec/Power	22KW
		Installation type	Horizontal
		Protection class	IP54/F1
		Working power/frequency	3 phase AC, Customized
8	Oil pump	Spec	SNE/A280
		outflow	480ml/turn
		Max pressure	2Mpa
9	Dimension		3660mm×1420mm×2078mm
10	Weight		4400kg
11	Shell type		Open type / Closed collection cover (can be selected)
12	Output(Max.)		8T/h
13	Moisture content after separation:		≤2.5-3%
14	Operation Temperature		below 105 C
15	All the parts contacting the feeding are made of SS2205		
16	Object processed		Sea salt

Note: 1. Collection tank, push plate, pusher ring, wearable ring, pushing film and related screws are in material duplex stainless steel (it's better the drum is duplex stainless steel, too).

Details:



Work site



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