

MSY三合一多功能搅拌釜

MSY 3 in 1 multifunctional mixing reactor

产品概述



- **过滤阶段：**产品的滤饼和母液的分离。滤饼厚度可达500mm。
- **洗涤阶段：**滤饼进一步纯化，残母液清洗和予脱水。通过升降搅拌器逐层将滤饼和洗液混合，最后形成浆状，悬浊液滤饼得到充分洗涤。
- **干燥阶段：**滤饼的脱水干燥处理，滤饼在被搅拌器逐层刮疏松的同时，设备侧壁、滤板的底部、以及运动搅拌叶同时对滤饼加热，湿份迅速蒸发达到干燥的效果，通过设备内真空的方法加快蒸发速度，通过加入处理后的热氮气等介质带走蒸发的湿份，使物料加速干燥，提高干燥效果。
- **卸料阶段：**干燥物料通过S型搅拌桨的反转推动物料从侧出料口自动卸出，直接进入包装。
- 该过滤、洗涤、干燥“三合一”设备，可以同时替代过滤及干燥设备(如：抽滤器、压滤器、双锥干燥器、干燥箱等)在同一台设备内完成过滤、洗涤、干燥、固体卸料全过程。广泛应用于医药、化工、农药、食品等行业，是过滤干燥的最佳设备。可实现全封闭、全过程的连续操作生产，更适应于无菌要求的产品及有毒产品的生产。

Filtering stage: Separate the filter cake from the mother solution. The thickness of filter cake can reach 500mm.

Washing stage: Further purify the filter cake, wash the mother solution and dehydration. By means of rising and falling the mixer to mix the filter cake and washing liquid. Then turbid liquid and filter cake will be washed sufficiently.

Drying stage: While the filter cake is being loosened by mixer, it is also being heated by the side wall, the filter plate and the rotating mixer. Then the moisture promptly evaporating. The vacuum condition inside the equipment will accelerate evaporation. Also the heated nitrogen can speed up drying and improve drying result.

Discharging stage: The dried products can be discharged to wrappage from the side discharging outlet by inverting rotation of the mixer.

This is a 3 in 1 equipment with filtering, washing and drying function. It can take the place of filtering and drying equipment (e.g. suction filter, press filter, double cone dryer and drying box etc.) It integrates the function of filtering, washing drying and discharging. It can be widely applied in pharmaceutical, chemical, agrochemical and food industries. It is a best choice for filtering and drying process requirement. A totally closed and continuously production can be realized. So it is also suitable for aseptic production and nocuous production.

产品规格 Specification	1000	1200	1400	1600	1800	2000	2400	2800	3000
容积 (m³) Volume	1.2	1.5	2.2	3	3.5	4	6	9.5	10.2
过滤面积 (m²) Filtration volume	0.8	1	1.5	2	2.5	3	4.5	6	7
搅拌行程 (mm) Mixer travel	300	300	400	400	400	400	450	450	500
电机功率 (kW) Motor power	5.5	5.5	7.5	7.5	11	11	15	18.5	22

MFS三合一多功能分散釜

MFS 3 in 1 multifunctional dispersing reactor



主要特点

Features:

- 本机集低速强烈搅拌与高速分散多功能于一体，对中高粘度及触变性物料具有良好的适应性。
Integrates low speed mixing and high speed dispersing. It has a good adaptability for high viscosity and thixotropy products.
- 适用于各种物料的搅拌、溶解分散和配色，尤其适用于批量乳胶漆生产。
It can be applied to mixing, dissolving, dispersing and color blending of a variety of products. Especially suitable for emulsion paint production.

规格 Specification	MFS-2m³	MFS-3m³	MFS-5m³	MFS-6m³	MFS-8m³	MFS-10m³	MFS-12m³	
容积 (m³) Volume	2	3	5	6	8	10	12	
搅拌功率 (kW) Mixing power	5.5	5.5	7.5	7.5	11	15	18.5	
搅拌转速 (r/min) Rotating speed for mixing	50	50	50	50	41	41	41	
搅拌器直径 (mm) Diameter of the mixer	1300	1500	1700	1700	1900	2100	2300	
分散转速 (r/min) Rotating speed for dispersing	960/1450	960/1450	960/1450	960/1450	870/1470	870/1470	750/1480	
分散功率 (kW) Dispersing power	13/16	13/16	22/28	22/28	22/28	26/34	30/42	
分散盘个数 Number of dispersing plate	2	2	2	2	2	2	2	
外形尺寸 Dimension (mm)	D	1400	1600	1800	1800	2000	2200	2400
	H1	1650	1765	2048	2400	2800	2950	3100
	H2	1930	2000	2200	2200	2500	2570	2620