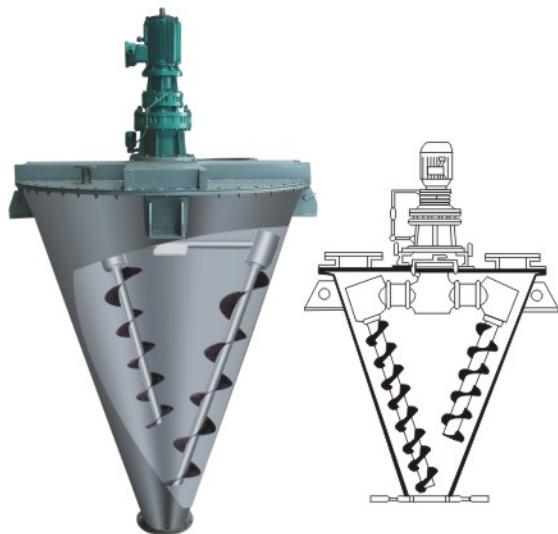


DSH Series Double-screw Conical Mixer

DSH 系列双螺旋锥形混合机



概述 Description

由螺旋的公、自转使物料在锥体内产生复合运动，主要产生四种运动形式：

- 1.螺旋沿壁公转，使物料沿锥壁作圆周运动；
- 2.螺旋自转使物料自锥底沿螺旋上升；
- 3.螺旋的公、自转复合运动使一部分物料被吸收到螺旋圆柱面内同时受螺旋自转的离心力作用使螺旋圆柱面内的一部分物料向锥体径向排放；
- 4.上升的物料受自身重力作用下降。四种运动在混合机内产生对流、剪切、扩散、从而达到快速均匀混合的目的。

The material is made to conduct a compound motion in the cone because of the rotation and revolution of the screws. The effected motions include:

1. The revolution of the screw along the wall making the material conduct a circumferential motion;
2. The rotation of the screw making the material rise along the screw from the cone bottom;
3. The compound motion of the rotation and revolution of the screws making partial material be absorbed into the screw cylindroid meanwhile, under the action of centrifugal force, the partial material in the screw cylindroid discharges radially.
4. The rised material drops under its sole weight. The four kinds of Motions effect convection, shearing, diffusion in the cone, thus quick and even mixing can be Achieved.

应用 Application

应用于化工、医药、农药、染料、石油、冶金、建材等粉体与粉体(固-固)，粉体与液体(固-液)，液体与液体(液-液)混合、反应、干燥、冷却。

It is suitable for chemical industry, pharmaceutical industry pesticide, dyestuff, petroleum industry, metallurgical industry, construction material and etc. Such as in the mixing, reaction, drying, cooling of powder and powder(solid-solid), powder and liquid (solid-liquid), liquid and liquid (liquid-liquid).

技术参数 Technical parameters

型 号 type	全容积 Total volume (m ³)	装载系数 Load factor	装机功率 Equipped power Kw	操作条件 Operating conditions	外形尺寸 Overall dimension(mm)	重量 Weight (kg)
DSH-0.1	0.1	≤0.6	1.5	常温常压粉尘密封	1569φ702	250
DSH-0.3	0.3	≤0.6	2.2	常温常压粉尘密封	1929φ920	550
DSH-0.5	0.5	≤0.6	3	常温常压粉尘密封	2322φ1124	660
DSH-1.0	1.0	≤0.6	4	常温常压粉尘密封	2869φ1480	1200
DSH-1.5	1.5	≤0.6	5.5	常温常压粉尘密封	3140φ1633	1350
DSH-2.0	2.0	≤0.6	5.5	常温常压粉尘密封	3489φ1816	1500
DSH-3.0	3.0	≤0.6	7.5	常温常压粉尘密封	3747φ2210	2300
DSH-4.0	4.0	≤0.6	11	常温常压粉尘密封	4362φ2280	2520
DSH-5.0	5.0	≤0.6	15	常温常压粉尘密封	4576φ2402	3000
DSH-6.0	6.0	≤0.6	15	常温常压粉尘密封	4900φ2582	3150
DSH-8.0	8.0	≤0.6	18.5	常温常压粉尘密封	5405φ2805	4500
DSH-10	10	≤0.6	22	常温常压粉尘密封	5795φ3018	5500
DSH-15	15	≤0.6	30	常温常压粉尘密封	6475φ3450	6600
DSH-20	20	≤0.6	37	常温常压粉尘密封	7535φ3805	7000
DSH-25	25	≤0.6	37	常温常压粉尘密封	7995φ4078	8500
DSH-30	30	≤0.6	52.5	常温常压粉尘密封	8385φ4330	9200