



## 卧式螺带混合机

LHY HORIZONTAL RIBBON MIXER



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**升立机械**  
粉体技术实业专家

粉体混合 颗粒混合 加液混合 冷却/加热 打散  
powder mixing, granule mixing, mixing with spray, cooling/heating, scattering

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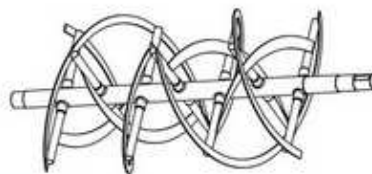


### 工作原理:

外螺旋带盘绕形式配合旋转方向把物料从两端向中间推动，而内螺旋带把物料从中间向两端推动，形成对流混合。物料在相对短的时间混合均匀。设备应用于干粉，颗粒，液体与低粘度的浆料。

### Working principle:

The vortex outer ribbon combined with rotation direction drive material from two ends to center; At the same time, inner ribbon drive material from center to two ends. Materials are evenly mixed at shortest time. Ribbon mixers are widely used for mixing dry powder, granule, liquid and paste with low viscosity.



### Discription:

Batch type ribbon mixers are of wide application and high efficiency. Horizontal, single shaft with double, proportioned ribbon is housed in the tubular mixing drum. The vortex ribbon rotates with main shaft and thus bring material move towards direction of vortex ribbon. We can design round or rectangular shape inlet port on top cover, discharge valve (manual, pneumatic or electric driven) in middle of bottom. The vortex structure of outer ribbon combined with rotation of main shaft drive material to discharge outlet guaranteeing no dead corner.

### 结构特征:

螺旋混合机是高效、应用广泛的单轴混合机，半开管状筒体内的主轴上盘绕螺旋形式且成一定比例的双层螺旋。盘绕的螺旋带依附主轴运转，能推使物料随螺旋带螺旋方向行径。混合机卧式筒体底部中央开设出料口，外层螺旋带的螺旋结构配合主轴旋转方向驱赶筒壁内侧物料至中央出料口出料，确保筒体内物料出料无死角。



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混合时间3-5分钟  
Batch mixing time: 3-8 minute  
温和且均匀的混合物料  
Even and gentle mixing  
无残留迅速出料  
No leftover and quick discharge  
可配置重型结构  
Heavy-duty structure (option)

规格型号 specification	LHY-0.3	LHY-0.5	LHY-1	LHY-2	LHY-3	LHY-4	LHY-5	LHY-6	LHY-8	LHY-10	LHY-15	LHY-20	LHY-30
有效容积 (M³) working capacity	0.18	0.3	0.6	1.2	1.8	2.4	3	3.6	4.8	6	9	12	18
批次最大产量KG working capacity	200	300	600	1200	1800	2500	3000	3600	4800	6000	9000	12000	15000
转速 (r/min) speed(rpm)	62	62	49	33	33	27	27	27	22	22	14	14	12
额定功率KW power(KW)	5.5	7.5	11	15	18.5	22	30	37	45	55	75	90	110
设备重量(kg) weight(kg)	550	900	1600	2700	3600	4200	5100	5600	6500	7800	11000	13000	16000
L	2280	2670	3140	3860	4460	4950	5280	5530	5100	5610	5820	6300	7000
C	680	780	980	1200	1300	1400	1550	1560	1720	1750	2000	2350	2600
H	880	1240	1400	1650	1700	2000	2100	2200	2500	2650	2900	3160	3350

以上为标准型设备参数，非标准型设备参数参照设备图纸。  
The above is the parameter for standard equipment, Non-standard equipment please refer to the drawing.

