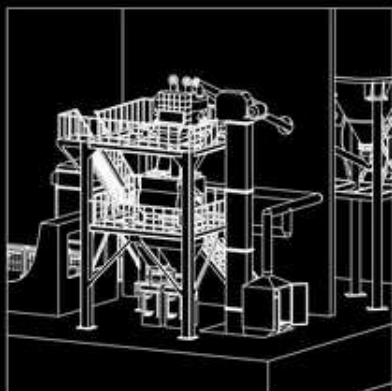


无重力混合机

DUAL SHAFT PADDLE MIXER



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颗粒-粉体混合 粉体混合 加湿 温度处理 打散
granule - powder mixing, powder - powder mixing, spray, scattering

WZL无重力混合机

WZL Double shaft paddle mixer

功能:

搭接的双轴桨叶反向运动,产生高效的混合效率,超过零界转速旋转速度促使不同粒径不同密度的物料均匀混合.此种设计能产生温和的剪切力,能破除松散型的小团物料双轴批次混合机适用于干燥的固体,包括粉,粒,小块纤维。

Function:

With the added efficiency of counter rotation of the overlapping paddles and higher speed than critical speed, WZL Double shaft paddle mixer promotes a homogeneous mix independent of particle size and density of the ingredients. The design gives gentle low shear forces and thus can crush small clumps. This type of mixer is suitable for mixing dry bulk solids (powders, granules, short fibre, dry bulk solids + liquids (moistening + granulating coating), as well as liquids + low-viscosity pastes.

性能与技术特征:

效率: 2-10批/小时(依据配方与流程构造)
苛刻条件下,最大程度的均匀混合
混合时间短
无残留迅速出料
可配置重型结构

Performance and features:

Efficiency 2-10batch/h(depending on recipe and configuration of the unit)
Maximum homogeneity of the mixture
Short mixing time
No leftover
Heavy-duty structure



筒侧开门
设备可在筒侧开设观察门可做检修、清理、查看内部情况之用。

Sidewall opening door
Opening inspection door on sidewall can be used for maintenance\cleaning\inner checking.



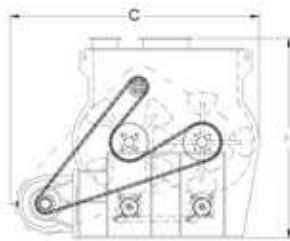
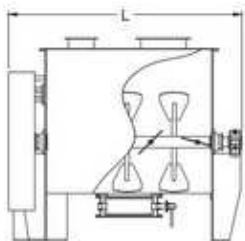
主轴驱动(非常规配置)
主轴装双输出轴硬性同步异向减速机保证双轴的交叉错位搅拌轨迹运行。

Main shaft drive(unconventional configure)
Main shaft equipped dual output synchronous with reverse direction gear box, which assured the dual shaft running in an acstaggered junction way.



大开门出料阀
设备安装大开门出料阀,弧形阀面贴合筒体,杜绝搅拌死角,并能实现快速出料。

Maximum opening discharging door
Using maximum opening door with arc shaped valve of can fit the chamber and fast discharging without any dead angle.



工作原理:

双轴桨叶混合机装有两根反向旋转的平行轴装有不同预设角度的桨叶.桨叶旋转搅动物料的线速度超过零界转速,致使物料能达到抛物线的最高点,我们称之为无重力点,所以我们又称双轴桨叶混合机又为无重力混合机。

DESCRIPTION:

WZL Double shaft paddle mixer is a Batch Mixer with two parallel drums each with counter-rotating shafts that are equipped with paddles fixed at a predetermined angle. Paddles agitate materials with higher speed than critical rotation speed. Agitation of paddles can make materials up to the highest point of the parabola. We call this highest point non-gravity point, so we also call this mixer non-gravity mixer.



规格型号 specification	WZL-0.3	WZL-0.5	WZL-1	WZL-2	WZL-3	WZL-4	WZL-6	WZL-10	WZL-15
有效容积(M) working capacity	0.18	0.3	0.6	1.2	1.8	2.4	3.6	6	9
批次最大产量(KG) working capacity	200	300	600	1200	1800	2500	3600	6000	9000
转速(r/min) speed (rpm)	60	60	43	43	43	35	35	29	22
驱动功率(KW) power(KW)	4	5.5	11	15	18.5	22	37	55	75
设备重量 weight(kg)	650	900	1200	1600	2200	3200	4500	6000	7500
L	1200	1550	1800	2100	2500	2900	3600	3850	5820
C	1100	1300	1850	2250	2250	2900	2200	2530	2800
H	950	1150	1500	1850	2000	2200	2100	2620	2900

以上为标准型设备参数,非标准型设备参数以设备图纸为准。
The above is the parameter for standard equipment, for non-standard equipment, please refer to the drawing.