



## 犁刀混合机 PLOUGH SHEAR MIXER



粉体混合  
Powder mixing

加液混合  
Spray mixing

团聚料处理  
Lump treatment



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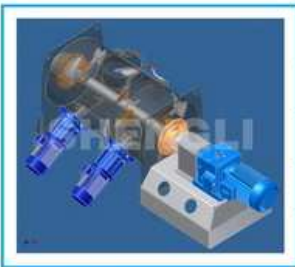
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**升立机械**  
粉体技术实业专家

# LDH 犁刀混合机

LDH PLOUGH SHEAR MIXER





**最佳混合均匀度**  
强有力的切削作用  
搭载高速剪切飞刀  
高产的混合效率  
往复性批次混合

**Best mixing homogeneity**  
Powerful cutting function  
high speed chopper  
High mixing efficiency  
Repeated batch mixing

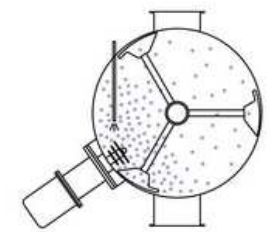
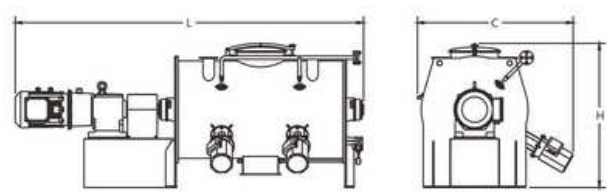
使用范围：  
LDH犁刀混合机在化工、生物、建材等领域广泛使用，可用于粉体、颗粒、团块状料之间的混合，并允许添加少量的液体。

Scope of application:  
LDH plough shear mixer is widely used in chemical, biological and construction line. It can mix powder, granule and agglomerate with a small amount of liquid.



工作原理：  
犁刀混合机的主轴上连续排列犁刀刀头，跟随驱动装置做圆周运动，每一次的旋转，均使每一把犁刀刀头强制破开垒积的物料，故具有高效的剪切作用，犁刀刀身上的弧面并行起到抛洒物料的离心作用，在反复的搅拌过程中快速的混合物料。

Working principle:  
The coultter heads distributed on the main shaft continuously do circular motion following the drive unit. Accumulation is forced to break by all the coultter heads, that's the high efficiency cutting function. The cambered surface on the coultter has the centrifugal effect by spilling the material, in the process of repeated agitation, the material are fast and evenly mixed.

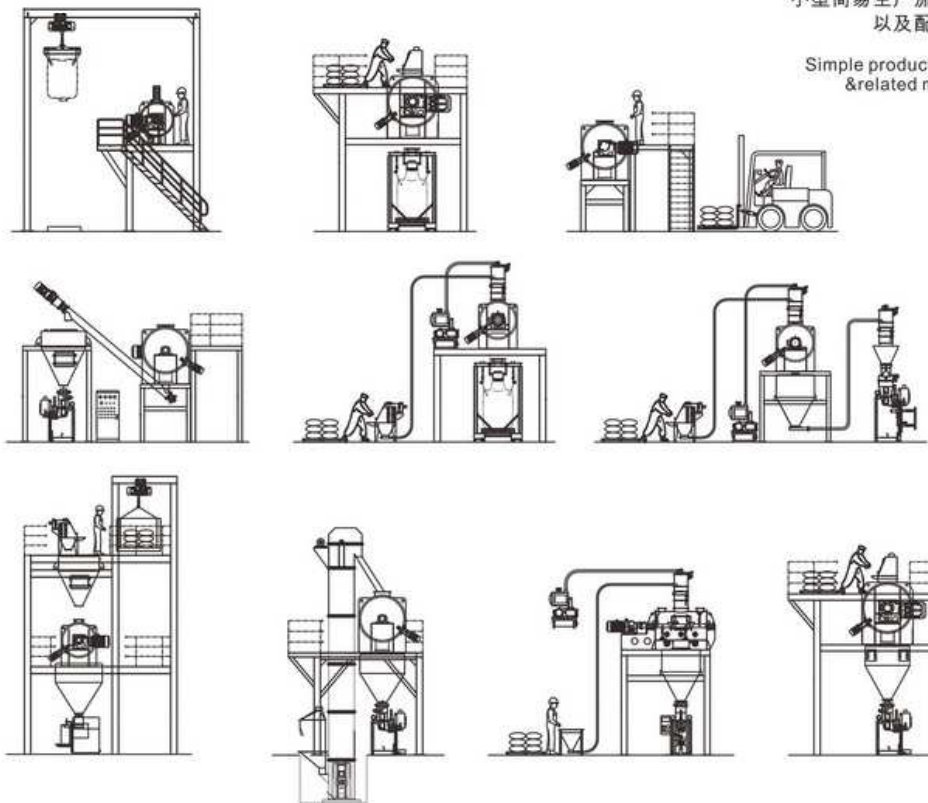


规格型号 specification	LDH-0.3	LDH-0.5	LDH-1	LDH-2	LDH-3	LDH-4	LDH-6	LDH-8	LDH-10	LDH-15
有效容积(M <sup>3</sup> ) working capacity	0.18	0.3	0.6	1.2	1.8	2.4	3.6	4.8	6	9
批次最大产量(KG) working capacity	200	300	600	1200	1800	2500	3600	5000	6000	9000
转速(r/min) speed(rpm)	130	130	85	63	63	42	42	33	33	28
驱动功率KW power(KW)	5.5	7.5	11	15	22	37	45	55	75	90
设备重量(kg) weight(kg)	550	800	1000	1800	2500	3500	4200	4800	5800	7000
L	2200	2700	3200	4100	4350	4700	5400	6500	5600	6000
C	900	980	1000	1250	1450	1500	1700	2200	2500	2800
H	900	1200	1350	1600	1800	1950	2300	2600	2900	3000

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.

小型简易生产流程示意  
以及配套设备

Simple production line  
& related machine



**PC** 真空上料机  
Vacuum conveyer



**GLS** 螺旋输送机  
Screw conveyor



变速喂料器  
Variable speed feeder



**DC** 粉末除尘器  
Dust collector



除尘投料站  
Dust proof feeder



**HCB** 自动包装机  
Automatic packer



**DCB** 大袋包装机  
Bulk-bag packer



大袋卸料站  
Bulk - bag dischargers