

TOP HIGH-SPEED SHEAR EMULSIFICATION TANK

顶部剪切乳化罐

不锈钢贮罐系列
Stainless steel storage
tank series

应用领域

◆适用于乳剂、胶浆、油漆、颜料、染料、造纸、农药制品等化工、轻工行业对液-液、液-固物料包括任何需要搅拌、分散、乳化、均质、粉碎、悬浮和溶解的过程均可迅速完成。

◆高剪切乳化罐是目前国内乳品、饮料、食品等行业最先进的混合设备。上海嘉迪公司生产的高剪切混合乳化机引进了国外先进技术，具有独特的搅拌结构，与众不同的混合乳化功能。

技术说明

◆本机搅拌器由紧密配合的转子和定子两部份组成，转子高速旋转，定子则固定不动。高速乳化头工作时将转子中心的物料高速抛向定子，通过定子的齿间隙，在转子和定子之间通过剪切、碰撞、粉碎而达到乳化的目的。是集混合、乳化、均质、溶解、粉碎等功能于一体的设备。

- ◆本机使用方便，操作灵活。
- ◆有单层、双层保温，夹层等三种结构。

Application

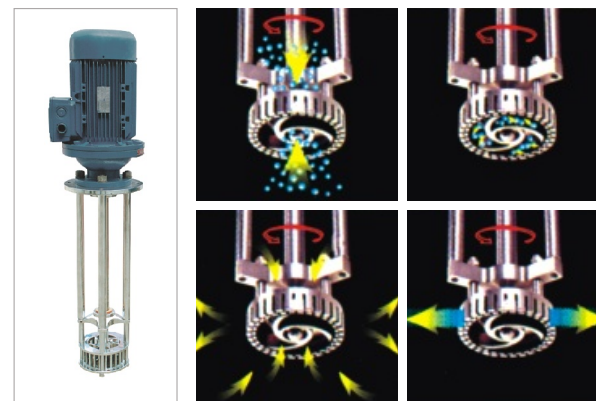
◆ It is used in any liquid-liquid, liquid-solid product including emulsion reagent, paint, dye, pigment, paper, farm chemical which need mixing, dispersion, emulsification, equalization, milling, suspending and dissolving in chemical or light industry.

◆ High-shear emulsification tank is advanced mixing equipment widely used in dairy, beverage and food industries. This tank made by Shanghai JIADI has unique agitation structure according to foreign technics.

Technical explanation

◆ This equipment is composed of rotor and stator. At working, the emulsification head throws material to stator from the center of rotor at a high speed. Then material will be sheared, crashed and crushed through the gear clearance between rotor and stator. It integrates functions of mixing, emulsification, homogenization, dissolution and crushing.

- ◆ Easy to operate, convenient for use.
- ◆ Structure: Single-layer type, double-layer type with heat preservation, jacket tank.



技术参数 Technical Parameter

型号 Model	有效容积(V) Diameter (L)	直径(D) External diameter(mm)	总高(H) Height (mm)	电机功率 Motor power (KW)	电机转速 r/min
RHTY-600	600	800	2140	7.5	2900/1450
RHTY-1000	1000	1050	2380	11	2900/1450
RHTY-1500	1500	1180	2450	15	2900/1450
RHTY-2000	2000	1340	2760	18.5	2900/1450
RHTY-3000	3000	1540	2870	22	2900/1450

BOTTOM HIGH-SPEED SHEAR EMULSIFICATION TANK

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本方形底部高剪切乳化罐按照 JB/T4735-1997 《钢制焊接常压容器》进行制造、检验和验收，采用高速捷流分散乳化，由转子外导流槽的作用，给流体提供了一个垂直流向的高速剪切，消除了上下层面混合的品质差异，进口高品质乳化头，工作转速可以达到 1500 rpm，对生产中的蔗糖、奶粉、胶类等添加剂的溶解乳化具有理想的效果，是目前同类产品中生产效率最高的产品。

Square bottom high-shear emulsifying tank is manufactured, examined and approved by JB/T4735-1997 "steel welding normal pressure container". It adopts high speed flow section to disperse and emulsify; the rotor guides flow out, which provides the liquid a vertical high speed shear to avoid the quality difference between the upper and lower layer; the imported high quality emulsifying head's working rotary speed can reach to 1500 rpm, which brings good dissolving and emulsifying effect on the sugar, milk powder and condiments production, is the highest efficient machine among the equivalents.

技术参数 Technical Parameter

容积 Volume	外形尺寸 (mm) dimension	最高工作压力 max work pressure	最高工作温度 (°C) max work temperature	搅拌转速 (r/min) agitating speed	电机功率 (kw) motor power
400L	720X1050X1500	常压 normal pressure	100 °C	1500	5.5
600L	850X1135X1700	常压 normal pressure	100 °C	1500	7.5
800L	1280X1420X1900	常压 normal pressure	100 °C	1500	11
1000L	1400X1540X2000	常压 normal pressure	100 °C	1500	15
2000L	1460X2150X2200	常压 normal pressure	100 °C	1500	22

罐体管口配置一览表 Pot article list

符号 symbol	公称尺寸 normal size	连接尺寸及标注 connection size and sign	连接面型式 connecting surface pattern	用途 usage
N-1	φ 51X2	ISO/SMS STRNDARD	卡箍 clamp	进料口 material inlet
N-2	φ 76X2	ISO STRNDARD	卡箍 clamp	透气孔 breathe-free hole
N-3	φ 38X2	ISO/SMS STRNDARD	卡箍 clamp	CIP 接口 CIP joint
N-4	φ 400X80X3	ISO/SMS STRNDARD	焊接 weld	人孔 manhole
N-5	φ 51X2	ISO/SMS STRNDARD	卡箍 clamp	出料口 material outlet
N-6	M27X2	GB/T7307-2001	内螺纹 female screw thread	温度计接口 thermometer joint