混合分离系列
立式混色机

Vertical Color Mixer



多片立式桨叶，产生涡流全方位混合，混合力强，短时间内完成均匀混料，低耗能，高效率。采用进口垂直减速马达，低噪音及持久耐用。占地面积少，脚轮装置移动方便。

Vertical Color Mixers are equipped withvertical paddles form vortex to mixmaterialfast and homogenous withinshorttime,lowpower consumption, highefficiency.Vertical structure with castorwheels for easy moving,small footprint.To adapt imported vertical type of speedreduce motor features with low noiseand durable in use.

立式混色机 Vertical Mixers
大型立式搅拌机 Large Vertical Mixers

● 特点 Features

- 料桶采用进口不锈钢材料，焊接牢固耐用，表面光滑，清洗方便。
- 混合力强，短时间内完成均匀混料，低耗能，高效率。
- 占地面积少，脚轮装置移动方便(100KG以上标配无脚轮)。
- 台湾垂直减速马达，确保噪音低及持久耐用。
- 机盖附有保护开关，操作绝对安全。
- 全密封设计，工作时无粉尘污染。
- 定时器可以选择混料时间从0~30分。
- 桶盖、桶底称冲压成型，配合精确，更耐用。

- Material Pail is made of stainless steel, well soldered result in durable service life, smooth surface is easy for cleaning.
- The mixing capacity is excellent which can finish mixing within short time with high efficiency, low consumption.
- Small footprint, castors device easy for movement(standard no casters above 100KG)
- The Mixers employ vertical gear motor to ensure low noise and durable service life.
- Pail lid is equipped with safeguard switch for ensuring safety absolutely.
- Fully hermetic design ensures no dust contamination.
- Mixing time can be set from 0-30 minutes.
- Pail lid and bottom are pressed with precise matching, more durable.

● 规格表 Specification Sheet

产品型号 Model	VM50	VM100	VM150	VM200	VM300
混合量 Mixing Capacity(KG)	50	100	150	200	300
电机功率 Motor Power(KW)	1.5	2.2	4	5.5	7.5
电压 Voltage(V)	380	380	380	380	380
外型尺寸 Dimensions(cm)	83×83×112	100×100×128	113×113×138	120×120×145	130×130×160
重量(KG)	125	170	250	450	550

注：产品规格若有变更，恕不另行通知。 Note: We reserve right to change specifications without prior notice.



混合分离系列
大立式搅拌机

Large Vertical Mixer

500KG以上大型立式搅拌机，桶体和螺杆采用加厚不锈钢制作，底部加料并螺杆旋转上料搅拌混合，可搅拌色母、原料、破碎回收料，设有视窗门，上下料方便简单。

A large vertical mixer weighing over 500KG, with a bucket and screw made of thickened stainless steel. The bottom is filled with material and the screw rotates to feed and mix. It can mix colorants, raw materials, and crushed recycled materials.It is equipped with a window door for easy loading and unloading.

大型立式搅拌机
Large Vertical mixer

加热型立式搅拌机
Heating Vertical mixer

● 特点 Features

- 螺旋循环搅拌使得原料混合更加均匀、快速。
- 适用于各种塑料原料与色母的混合搅拌，新、旧料及色母混合则效果更佳。
- 设备与原料所接触部分的材料皆为全不锈钢制作，清洗容易，避免锈蚀。
- 设有电控安全保护装置，确保操作安全。
- 下置轴承，物料不易污染，轴承寿命长。
- 可定制加热功能。

- Spiral circulation stirring makes the mixing of raw materials more uniform and fast.
- Suitable for mixing and stirring various plastic raw materials with color masterbatch, with better results when mixing new, old materials and color masterbatch.
- The materials in contact with the equipment and raw materials are all made of stainless steel, which is easy to clean and avoids rust.
- Lower bearing, material is not easily contaminated, and bearing life is long.
- Customizable with heating.

● 规格表 Specification Sheet

产品型号 Model	MM500	MM1000	MM2000	MM3000	MM5000	MM6000
混合量 Mixing Capacity(KG)	500	1000	2000	3000	5000	6000
电机功率 Motor Power(KW)	2.2	3	4	5.5	11	11
转速 Rotational Speed(r/min)	300	300	300	300	300	300
电源 Power Supply	380VAC 3P/N/PE 50Hz					
外型尺寸 Dimensions(m)	149×122×252	180×143×309	203×221×361	243×270×372	280×300×425	280×300×425
重量(KG)	450	710	1150			

注：产品规格若有变更，恕不另行通知。 Note: We reserve right to change specifications without prior notice.

混合分离系列
干燥混色机

Dry Color Mixing Machine



干燥混色机利用双层搅拌叶片，让物料上下里外翻滚，形成有效对流混合。主要用于塑料颜色混合，是利用拨料叶片式高速运转，使塑料粒(或树脂粉) 高速翻排气管快速蒸发而达到干滚碰撞发热，使物料在混色同时也使潮湿从而达至干燥,效果理想。

The drying mixer uses double-layer stirring blades to make the material roll up and dow ninside and out, forming effective convective mixing. Mainly used for plastic color mixing, itutilizes the high-speed operation of the feeding blade to quickly evaporate plastic particles (or resin powder) through the exhaust pipe, resulting in dry rolling, collision,and heat generation. This not only makes the material wet during color mixing, but also achieves ideal drying effect.

高速混色机 Hight-Speed Vertical Mixers

● 特点 Features

- 料桶采用进口不锈钢材料，表面光滑，清洗方便。
- 密封室搅拌和双层保温装置。
- 集温度、时间控制于一体，方便各种参数的设定。
- 机盖附有保护开关，操作安全可靠。
- 电机过载保护。

- The material bucket is made of imported stainless steel material, with a smooth surface and easy cleaning.
- Sealed chamber mixing and double-layer insulation device.
- Integrating temperature and time control, convenient for setting various parameters.
- The hood is equipped with a protective switch, ensuring safe and reliable operation.
- Motor overload protection.

● 规格表 Specification Sheet

产品型号 MODEL	QD50	QD100	QD200
混合量 Mixing Capacity(KG)	50	100	200
电机功率 Motor Power(KW)	7.5	15	30
转速 Rotational Speed(r/min)	480	480	400
电源 Power	380VAC 3P/N/PE 50Hz		
外型尺寸 Dimensions(cm)	120×85×130	135×98×155	175×120×170
重量(KG)	230	270	700

注：产品规格若有变更，恕不另行通知。 Note: We reserve right to change specifications without prior notice.

混合分离系列
卧式混色机

Horizontal Color Mixer



● 特点 Features

- 料桶及浆叶采用不锈钢材料制造，清洗容易，避免锈蚀。
- 连锁安全保护装置，确保操作者及机器设备的安全。
- 料桶可倾斜100度，方便卸料。
- 全密封设计，工作时无粉尘污染。
- 定时器可以选择混料时间从0～30分。

- Material Pail and paddles are made of stainless steel which are anti-rust and easy for cleaning.
- Safety interlock device ensures safety for operators and machine.
- Material pail can be tilted 100 degrees , easy and convenient discharging.
- Fully hermetic design ensures no dust contamination.
- Mixing time can be set from 0~30 minutes.

● 规格表 Specification Sheet

产品型号 Model	HM100	HM150	HM200
混合量 Mixing Capacity(KG)	100	150	200
电机功率 Motor Power(KW)	2.2	4	4
电压 Voltage(V)	380	380	380
外型尺寸 Dimensions(cm)	110×85×130	142×85×130	160×100×138
重量(KG)	285	358	530

注：产品规格若有变更，恕不另行通知。 Note: We reserve right to change specifications without prior notice

卧式浆叶，叶片采用加厚不锈钢制作，与桶壁距离精密计算，拌料迅速、均匀。配用摆线针轮减速电机，噪音低，持久耐用。料桶可倾斜100°，方便卸料。

Horizontal blade,made of thickened stainless steel,with precise distance calculation from the bucket wall,ensuring quickand even mixing of materials.match using acycloidal pinwheel reduction motor,with low noise and long-lasting durability.The material bucket can be tilted 100 degrees for easy unloading.

卧式混色机
Horizontal Mixers

大型卧式搅拌机
Large Horizontal Mixers

加热型卧式搅拌机
Heating Horizontal Mixers

混合分离系列
色母机

Color Masterbatch Machine



适用于新、次料、色母或添加剂等的自动比例混合。依据预先设定的比例混合，透过微电脑控制系统设定的条件自动演算出所需之转速（rpm），计量精准，其误差值±1%。该产品具备两种模式分别适用于塑胶的注塑成型和挤出成型。螺杆直径分为12、16、20、25等多种，采用进口直流无刷马达可演变出多种机型，提供0.1~100kg/hr的不同输出量供客户选择。另有双色色母机，根据客户需求搭配满足不同场合、不同领域使用。

Suitable for automatic proportioning of new, sub materials, concentrates or additives etc. The required rotating speed (rpm) is automatically calculated according to the preset mixing ratio and the conditions set by the microcomputer control system. The measurement is accurate and the error value is ±1%. The product has two modes, suitable for injection molding and extrusion molding of plastics. Screw diameter can be divided into 12,16,20, 25...Imported DC brushless motor can be used to evolve various models, and provide different output of 0.1~100kg/hr for customers to choose. In addition, the dual color master machine is matched according to the customer's needs to meet the use of different occasions and different fields.

● 特点 Features

- 数位显示的微电脑控制器，可精确地计量色母及次料的添加比例。
- 采用直流无刷式马达，无需保养、寿命长、免维护。
- 模组化可拆卸式结构设计，可快速更换螺杆及套筒。
- 计量站可以从落料座拆除而不会漏料，在转接座侧边可视窗装置，容易观察原料。
- 具有50组配方存取功能，可快速调用启动机器。
- 入料底座采主要原料与色母分流设计，短时间内可迅速转换色母及主要原料，符合经济效益。
- 配合射出成型机使用时，色母自动计量机可设定计量时间的控制设计，可免除射出机因每模储料时间长短不一，而造成色母添加量不稳定之困扰。
- 有强制清料功能，方便更换色母。
- 可选配物料料位检测感测器，缺料报警提示。
- 可于挤出机主螺杆同步加、减速运行。

- Digital microprocessor can process masterbatch & regrind material by metering accurate percentage.
- Using brushless DC motor features free from maintenance and long service life.
- Module dismantled design, easy for change screw and sleeve.
- The dosing unit i s removed from discharging seat without material leakage,monitoring material level from the sight - see - through window on the side of t ransferred seat.
- 50sets of parameter recipes are available for permanently recording and reading function, operating machines quickly without adjusting parameters again.
- Feeding base adopt different channels for material & masterbatch separately,easy change material & masterbatch within short time.
- Screw dosers can set metering time to avoid annoyance for unstable materbatch volume while working with injection molding machine becauseof different time for every cycle of metering.
- Forced material cleaning function is convenient to change masterbatch.
- Material level detection sensor is available as option, alarm for material shortage.
- It can operate with main screw of extruders, acceleration and deceleration simultaneously.

● 规格表 Specification Sheet

产品型号 Model	CM08	CM12	CM16	CM20	CM24	CM40
螺杆直径 Screw Diameter(mm)	8	12	16	20	24	40
电机功率 Motor Power(KW)	60	60	60	60	60	60
输出量 Output(KG/hr)	0.08~1.5	0.1~3	0.2~10	0.4~20	0.8~38	1~200
料斗容量 Capacity Of Hopperm(L)	12	12	12	12	12	12
重量(KG)	13	13	13	13	13	13

注：产品规格若有变更，恕不另行通知。 Note: We reserve right to change specifications without prior notice.

混合分离系列
称重式混合器

Weighing Mixer



主要用于处理从2种到6种原料的定量称重计量和搅拌，包括新料、次料、色母和多种添加剂等进行称重计量和均匀搅拌混合。计量能力从20kgs/hr到1000kgs/hr。该系列产品采用高精度重量感测器使批次的混合配比误差(视设定配比比例大小而定)能控制在±0.3%。型号齐全，可满足多种精度等级的混合要求。

Gravim etric Blenders are extensively configured to handle two of up to six different com ponents by dosing & blending in total throughput from 20kgs/hr to 1000kgs/hr; generally including virgin, regrind materials, masterbatch and other various additives. The series adapts precision load cells to make batch blend resulting in a highly accuracy within ±0.3%. (accurate tolerances are varied according to batch to batch blend ratio). Full wide range of this series can satisfy versatile requirem ents on high precision blending.

● 特点 Features

- 可设定原料之间的比例或百分比，操作简单方便。
- 精确稳定的连续运转。
- 在混合原料的同时，对下一批次原料进行称重计量。
- 自动调校补偿功能;在配料过程中，控制器能自动修正与预设值偏差。
- 可安装在机器上或机器旁边。
- 可同时控制多台称重式计量机(标准型)。
- 最多可同时处理六种原料。
- 可配合吸料机自动补料。
- 称重/体积生产模式增大配料能力。
- 所有与原料接触的部分都由不钢材料制成，防止原料被污染。
- 模组化可拆卸式结构设计，节省空间与清洁方便。
- 称重精度±0.3%~0.5%。
- 分级安全密码控制和报警历史记录功能。
- 配备声、光警报器，便于提醒维修人员，快速到达机器现场排除故障。

- The next batch is weighted simultaneously while blending.
- The controller features with automatic feedback function which cancompensate the diferences from the presetting values automatically during the dosing cycle.
- In the mixed raw material at the same time, for the next batch raw material weighing measurement.
- Automatic calibration compensation function;In the process of ingredients, the controller can automatically modified with The preset value deviation.
- Can be installed beside the machines or machine.
- Can be controlled at the same time more weighing type metering machine (standard).
- Up to deal with six kinds of raw materials at the same time.
- Can cooperate with suction machine automatic filing material.
- Weighing/bulk increases production mode ingredients.
- All parts in contact with the raw material made of stainless steel materials, to prevent contaminated materials
- Structure design of modularization and demountable, save space and convenient cleaning.
- Gravimetric accuracy can reach ±0.3%-0.5%.
- Hierarchical security password control and alarm function of history.
- Equipped with sound and light alarm, to remind maintenance personnel, quickly reach the machine on-site troubleshooting.

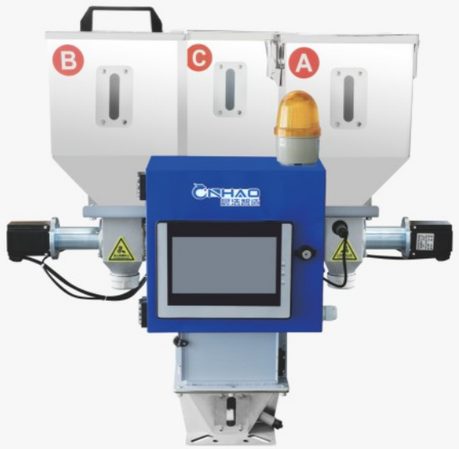
● 产品结构图 Product Structure Diagram

产品型号Model	CMW1	CMW2	CMW5	CMW10	CMW25
原料种类 Kinds of Material	2-4	2-6	2-6	2-8	2-8
最大输出量 Max.Output Capacity(KG/HR)	150KG	300KG	600KG	1500KG	3000KG

注：产品规格若有变更，恕不另行通知。 Note: We reserve right to change specifications without prior notice.

混合分离系列
体积式计量混合器

Volumetric Metering Mixer

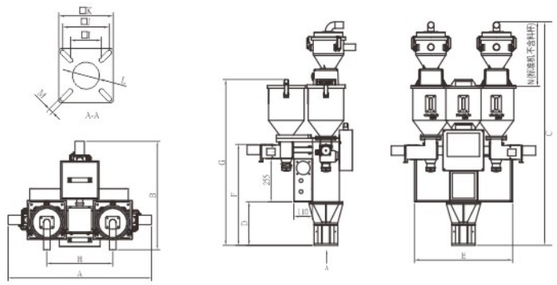


● 特点 Features

- 多种物料同步失重体积计量。
- 特制混合料管，无需搅拌装置。
- 计量测试简洁，10min内可完成。
- 步进电机精确控制精度，配比精度士1%以内。
- 换料清扫方便，无专用工具10min可清扫完成。
- 触摸屏操作，多种配方存储。
- 配上吸料机及料杯可实现自动投料。
- 使用数据化报警履历记录。
- 配上吸料机、料杯、架台可以实现放置在地面。

- A variety of materials volumetric dose simultaneously.
- Specialmaterial tube,don' tneed mixing device.
- Dose test simply,less than 10min to complete test.
- Step-motor precisely control speed, the commercial mix precision ±1%.
- Easily clean,less than 10min to clean without special tools.
- Operate with Touch screen, can save a variety of recipe.
- Automatic feeding can be realized with auto-loader and suction hopper.
- Using digital alarm history records.
- It can be placed on the floor with auto-loader, suction hopper and frame.

● 产品结构图 Product Structure Diagram



● 规格表 Specification Sheet

产品型号 Model		CHAM-102	CHAM-103	CHAM-202	CHAM-203	CHAM-204
物料种类 Material Number		2	3	2	3	4
最大处理能力 kg/hr		70		150	200	220
材料贮存容量 (Lr) Capacity of Material(Lr)		10×2	10×3	20×2	20×3	20×4
配比精度 Commercial Mix Precision		±1%				
电源 Power	主回路电压 Main Current Power	AC200V/220V50Hz 1P2W+E(标准电压) (standard voltage)				
	控制回路电压 Control Current Voltage	AC200V/220V 50Hz 1P 2W+E				
	总电气容量(kW) Total Electric Capacity	0.2		0.5		
电源线 Power Line(m)		5				
重量 Weight(kg)		35	50	60	80	100
外形尺寸(mm) (长×宽×高) Dimensions(mm) (L×W×H)		845×340×968	845×624×968	885×340×1150	885×650×1150	885×650×1150

注：产品规格若有变更，恕不另行通知。 Note: We reserve right to change specifications without prior notice.


储料桶


计量混合箱

混合分离系列
储料箱

Smart Storage Bin

● 特点 Features

- 整体全不锈钢材料制造，清洗容易，避免锈蚀。
- 可翻盖上部进料，底部出料方式。
- 可配合吸料盒、截料阀满足多种原料储放需求。
- 可选配多种元件组合满足多种需求。

- Full Stainless Steel Construction – Easy to clean and rust-resistant.
- Flip-top loading design with bottom discharge for efficient material handling.
- Compatible with vacuum feed hoppers and shut-off valves for versatile storage solutions.
- Customizable with modular components to meet diverse operational needs.

● 选配 Configurable


扫描枪


电磁锁


称重模块


送料螺杆


减速电机

● 规格表 Specification Sheet

产品型号 Model		ST-50	ST-100	ST-200	ST-300	ST-500
装载量 Load Capacity(KG)		50	100	200	300	500
外型尺寸 Dimensions	L(mm)	550	750	850	1050	1200
	W(mm)	550	750	850	1050	1200
	H(mm)	750	1000	1050	1050	1250

注：产品规格若有变更，恕不另行通知。 Note: We reserve right to change specifications without prior notice

满足塑胶原料等各种固态颗粒的储存或预储存,并且可选配各种元件,升级成智能储料箱用来满足原料管理、配比以及物料输送系统的多种需求。

Satisfy the storage or pre storage of various solid particles such as plastic raw materials, and can be equipped with various components to upgrade into intelligent storage boxes to meet the various needs of raw material management, proportioning, and material conveying systems.

STS 智能防错储料箱
STS Intelligent Error-Proof Storage Bin

STM 智能称重储料箱
STM Intelligent Weighing Storage Bin

STP 智能配比储料箱
STP Intelligent Proportioning Storage Bin

混合分离系列
直线振动筛

Linear Vibrating Screen



直线振动筛是一种利用振动电机产生激振力,使筛体在直线方向上作往复运动,从而实现物料筛分的设备。其工作原理主要基于物料的粒度差异和振动筛的筛分作用。当塑料颗粒进入筛面后,由于筛面的振动,颗粒在筛面上进行跳跃式运动,粒度较小的颗粒通过筛孔落入下层,而粒度较大的颗粒则留在筛面上,从而达到筛分的目的。

Linear vibrating screen is a device that uses avibration motor to generate excitation force,causing the screen body to reciprocate in astraight direction, thereby achieving materialscreening.Its working principle is mainlybased on the particle size differences ofmaterials and the screening effect ofvibrating screens. When plastic particlesenter the screen surface, due to the vibrationof the screen surface, the particles undergojumping motion on the screen surface.Smaller particles fall into the lower layerthrough the screen holes, while largerparticles remain on the screen surface, thusachieving the purpose of screening.

● 特点 Features

- 换网、清洗方便、快捷。
- 杂质粗料自动排出,可以自动化作业。
- 与原料接触部分均由不锈钢材料制成,保证原料的精纯度。
- 故障少,保养简易、维修方便。
- HVL-1300D不带进料斗,适合切粒机用。
- 筛网孔径除标准配置外,可根据客户要求订做。

- Easy and fast screen replacement and cleaning.
- The impurities and coarse materials are automatically discharged, and the operation can be automated.
- The parts in contact with the raw materials are made of stainless steel material, ensuring the purity of the raw materials.
- Less malfunctions, easy maintenance, and convenient maintenance.
- The machine is lightweight and equipped with casters on the base, making it easy to move and place.
- HVL-1300D does not come with a feed hopper and is suitable for use in pelletizers.
- Mesh size can be customized according to customer requirements, in addition to standard configurations.

● 规格表 Specification Sheet

产品型号 Model	VS1300	VS1300D
电源 Power	380VAC 3P/N/PE 50Hz	
最大激振力 Max Excitation Force(KN)	4	4
电机功率 Motor Power(KW)	0.25	0.25
筛网尺寸 Screen Size(cm)	130x50	130x50
筛网层数 Sieve Layers	2	2
筛网孔径 Mesh Size(mm)	Φ6~Φ3	Φ6~Φ3
外形尺寸 External Dimensions(cm)	175x80x150	160x70x70

注:产品规格若有变更,恕不另行通知。 Note: We reserve right to change specifications without prior notice.



混合分离系列
金属分离器

Metal Separator

金属分离器主要用于防止注塑机在生产过程中造成射嘴及模具热流道堵塞,炮筒螺杆损坏或划花模具等。注塑生产中产生的二次回料中含有不同的金属杂质(铜、铁、铝不锈钢等金属),经过金属分离器检测且分选后,再投入正常的原料生产,避免对注塑机造成损害,如果是生产塑胶电子元件的还会导致产品导电,严重影响生产效率和产品质量,从而增加人力物力以及维修成本。

The metal separator is mainly used to preventthe injection molding machine frombeingblocked by metalimpurities in the materiaduring the production process, which cancausenozzle and mold hot runner blockage,Damagecbarrelscrews or scratched moldsetc Thesecondary material generated in injectionmolding production contains differentmetalimpurities (such as copper, iron, aluminum,stainless steel, etc.) After beingdetected by ametal separator and sorted, Returning to noma!raw material production.To avoid damage to theinjection molding machine, If it is the productionof plasticelectronic components, it will alsocause the product to conduct electricity.

● 效果 Result

- 提高生产效率,减少生产环节。
- 提高产品质量。
- 提高原料利用率。
- 保护生产设备、减少设备维修费用。
- 优化生产工艺和加强原料来源的控制。

- Lmprove production efficiency, Reduceproduction processes.
- Lmprove product quality.
- Lmprove the utilization rate of raw materials.
- Protecting production equipment andreducing equipment maintenance costs.
- Optimize production processes andstrengthen control of raw material sources.

● 规格表 Specification Sheet

产品型号 Model	MS25G	MS30G	MS40G	MS50G	MS60G	MS70G	MS80G	MS100G
电源 Power	220VAC 1/2P/N/PE 50Hz							
气源压力 Air Pressure(bar)	3~5	3~5	3~5	4~6	4~6	4~6	4~6	4~6
物料温度 Material Temperature(℃)	-10~120	-10~120	-10~120	-10~120	-10~120	-10~120	-10~120	-10~120
下料速度 Feeding Speed	自由落体	自由落体	自由落体	自由落体	自由落体	自由落体	自由落体	自由落体
处理流量 Handling Fow Rate(KG/hr)	250	300~400	400~500	700~1000	1000~1200	1200~1400	1400~1600	1600~2000
排料时间 Discharge Time(Sec)	0.1~15 可调	0.1~15 可调	0.1~15 可调	0.1~15 可调	0.1~15 可调	0.1~15 可调	0.1~15 可调	0.1~15 可调
下料口径 Discharge Caliber(mm)	25	30	40	50	60	70	80	100
检测精度 Detecting Precision(mm)	0.2~0.3	0.3~0.4	0.4~0.5	0.5~0.6	0.6~0.7	0.7~0.8	0.8~0.9	0.9~1.0

注:产品规格若有变更,恕不另行通知。 Note: We reserve right to change specifications without prior notice.