

称重式色母混合机
GRAVIMETRIC DOSER



特点：

- ◎采用不锈钢螺杆，经久耐用；
- ◎采用高精度混合式步进电机，喂料精准平稳，反应速度快；
- ◎模块化可拆卸式结构，拆装方便，易于清理及互换；
- ◎具有强制清料功能，方便更换色母；
- ◎记录现有运转模式，不受停电影响，复电后即恢复运转；
- ◎具有通讯功能，可以传输数据，支持数据导出功能，以便查看生产情况；
- ◎采用失重式称量技术对混配过程进行操控，可满足极高的生产精度要求。

FEATURE:

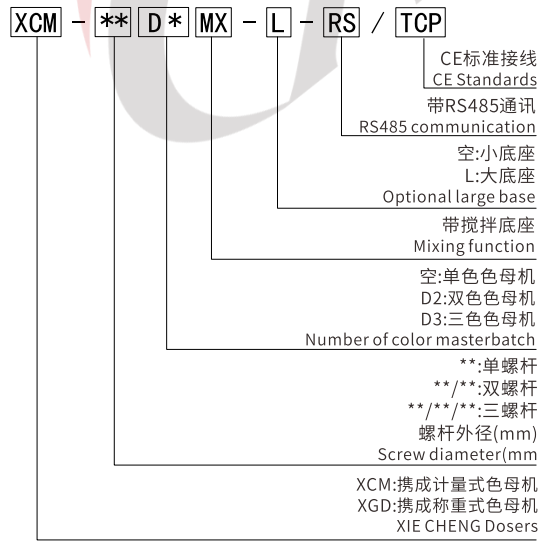
- ◎Adopt stainless steel screw, reliable and durable;
- ◎Adopts high - precision hybrid stepping motors, has accurate and stable feeding, and a speedy response;
- ◎Modular assembly structure, easy to disassemble and assemble, easy to clean and swap parts;
- ◎With forced cleaning function to facilitate the replacement of master batch;
- ◎Lively recording the current running mode, which is not affected by power outage and will resume running once power restored;
- ◎With functions to transmit data for communication, and export data for checking production running condition;
- ◎Loss-in-weight weighing technology is adopted to control the mixing process, which can meet extremely high production accuracy requirements.

应用范围

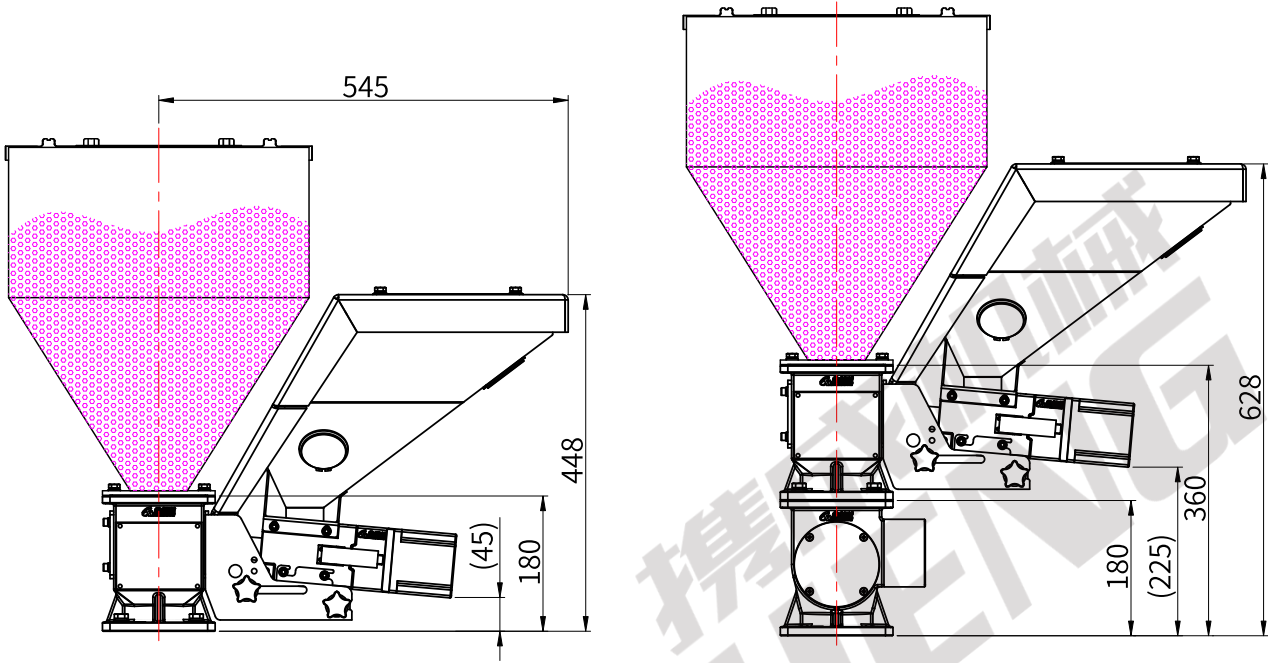
称重式色母混合机采用高精度混合式步进电机、PLC控制，可以适用于客户在产品注塑或挤出过程中对塑料组分添加比例的精确度要求，适用于新料、次料、色母或添加剂等的自动比例混合，另有双色色母机，可依客户要求搭配使用，可搭配吸料机实现色母料的自补充。

APPLICATION RANGE

Gravimetric Doser adopts high-precision hybrid stepping motor and PLC control, which can meet the high accuracy requirements for proportional adding of plastic components in injection molding or extrusion productions. It is suitable for automatic proportional mixing new materials, scrap materials, master batch or additives, etc. Also, depending on actual condition, dual color volumetric doser is optional. Besides, auto loader for auto re-filling master batch is also available.



工作原理 WORKING PRINCIPLE



技术参数：SPECIFICATIONS

型号 Model	单色机 Single color unit			双色机 Double color unit			
	XGD-12/16			XGD-**/**D2			
马达功率 Motor (HP/kw) (KW)	0.3			0.3x2			
马达转速 Rotary Speed (r.p.m.)	1.8~300						
搅拌功率 Mixing Power (W)	60~90						
螺杆外径 Screw Outer Diameter (mm)	12 / 16						
出货量 Output (g/min)	4~120	8~230		**			
储料桶 Material Storage Barrel (L)	13			13			
主原料斗 Main Material Hopper				选配 Optional			
搅拌器 Mixer							
净重 Approx.Net Weight(KG)	25			45			
外形尺寸 Dimensions	小底座 Small base	小底座带搅拌 Small bass mixing	大底座带搅拌 Large base mixing	小底座 Small base	小底座带搅拌 Small bass mixing	大底座 Large base	大底座带搅拌 Large base mixing
H(mm)	430	530	600	430	530	550	600
W(mm)		560		1010	1010	1090	1090
D(mm)		300				300	
小底座尺寸 Small Base Size (mm) (W1×W2×W3×W4×ØA×M×H1×R1×R2)	150×120×95×100×52×M8×180×R6×R17						
小底座带搅拌尺寸 (mm) Small Base Mxing Size	150×120×95×100×52×M8×280×R6×R17						
大底座尺寸 Large base size (mm) (W1×W2×W3×W4×ØA×M×H1×R1×R2)	230×180×130×**×90×**×300×110×R8.5×**						
大底座带搅拌尺寸 (mm) Large Base Mixing Size	230×180×130×**×90×**×350×110×R8.5×**						

注：
1) “*”表示依客户所选螺杆决定输出量的大小，可参考单色机数据；
例如：XCM-12，输出量即为4~120 g/min；
2) “***”表示螺杆外径以客户选型而定；
3) 单色机加装搅拌器，机型后面加注“MX”；
4) 以上机型输出量是以比重为1.2、直径为2~3mm的色母颗粒以连续运转方式为测试标准所得的数据；
5) 机器电压规格为：1φ，230V，50Hz。

Note:
1) “*” means the output capacity depends on the screw selected, data of the single color doser can be a reference.
For example: XCM-12, output capacity is 4~120 g/min.
2) “***”stands for external diameter of screw is up to model selected.
3) Single color doser with screw, add “MX” on the back of model.
4) The output proportion of all models are 1.2,diameter 2~3mm masterbatch in a test criteria of continuous running.
5)Voltage : 1φ, 230V, 50Hz

产品规格若有改变，恕不另行通知。We reserve the right to change specifications without prior notice.

计量式色母混合机

VOLUMETRIC DOSER

XCM系列计量式色母混合机，可以对塑料原料的1种主料和1-3种色母料或添加剂按比例自动混配，适用于注塑、挤出或吹塑生产。该系列产品采用混合式步进电机，并配合专用PLC触控式控制器，可精确地计量色母及添加剂的添加比例。此混合机可以与各类成型机信号做连接进而同步运转，保证成型产品性能一致性。

XCM series volumetric doser can automatically mix 1 main material and 1-3 masterbatches or additives of plastic raw materials in proportion. It is suitable for injection molding, extrusion or blow molding production. This series of products adopts hybrid stepping motor and special PLC touch controller, which can accurately measure the addition proportion of masterbatch and additives. The doser can be connected with all kinds of molding machine signals, and then run synchronously to ensure the consistency of molding product performance.



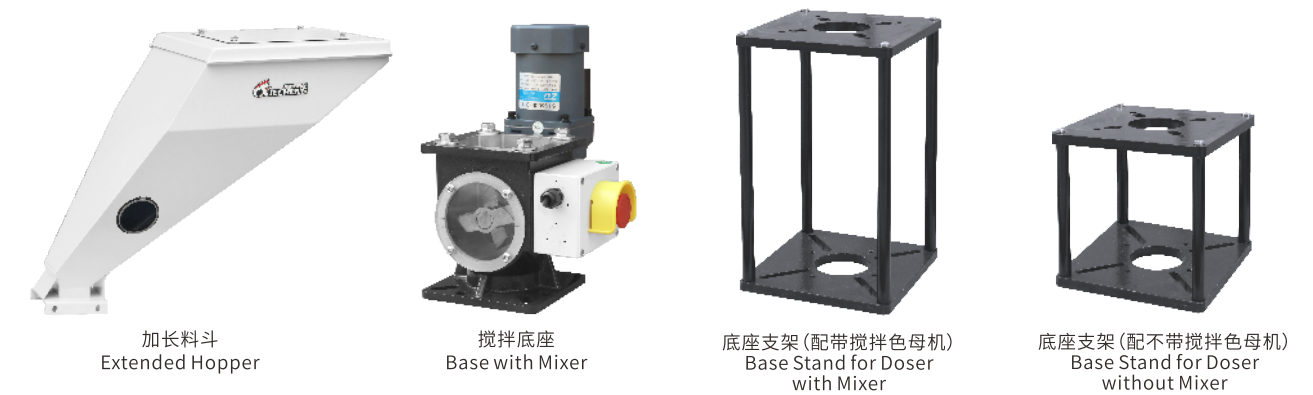
特点：

- ◎模块式的装配结构，拆装方便，易于清理及互换；
- ◎使用高精度混合式步进电机，计量准确并且输出量范围广；
- ◎马达直接驱动，无减速箱，寿命长，免维护；
- ◎采用PLC触摸屏控制器，控制精度更高，操作简单明了；
- ◎可存储50组配方，随时调出使用；
- ◎螺杆采用SUS304不锈钢材质，经久耐用；
- ◎记录现有运行模式，不受停电影响，复电后即恢复运转；
- ◎具有强制清理功能，方便快速更换色母；
- ◎模块式搅拌功能部件和底座加大转接装置可供选择；
- ◎挤出机模式转速可随挤出机加工速度自动调整快慢，保持固定色母比例；
- ◎可选配低料位计，方便在缺料时提前报警；
- ◎可选配高温型色母机可处理干燥温度达180℃的物料；
- ◎配备通讯功能，可实现自动化远程管理。

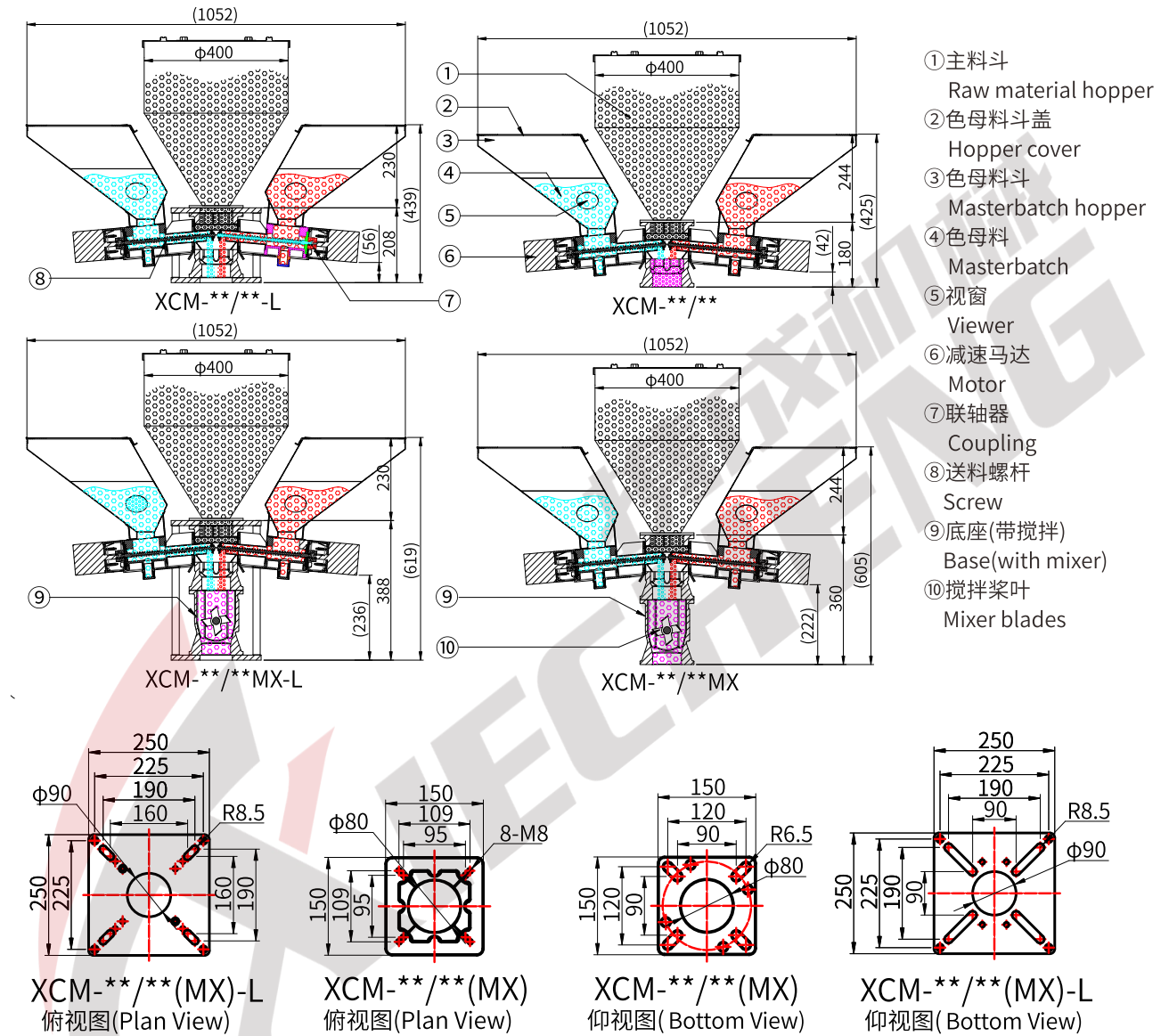
FEATURE:

- ◎The modular assembly structure allows for easy disassembly and assembly, facilitating cleaning and component interchange;
- ◎It uses high - precision hybrid stepping motors, ensuring accurate metering and a wide range of output volumes;
- ◎The motor is directly driven without a gearbox, featuring a long service life and requiring no maintenance;
- ◎It adopts a PLC touch - screen controller, offering higher control accuracy and simple and straightforward operation;
- ◎It can store 50 sets of formulas, which can be retrieved and used at any time;
- ◎The screw is made of SUS304 stainless steel, being durable;
- ◎It records the current operating mode, is not affected by power outages, and resumes operation immediately after power is restored;
- ◎It has a mandatory cleaning function, enabling convenient and rapid replacement of color masterbatches;
- ◎Modular stirring function components and an enlarged base adapter device are available as options;
- ◎In the extruder mode, the rotation speed can be automatically adjusted according to the processing speed of the extruder to maintain a fixed ratio of color masterbatch;
- ◎An optional low - level material indicator can be installed to provide an early warning when materials are running low;
- ◎A high - temperature color masterbatch machine can be optionally equipped to process materials with a drying temperature of up to 180°C;
- ◎It is equipped with a communication function, enabling automated remote management.

选购配件 ACCESSORIES



结构简图 STRUCTURE DIAGRAM

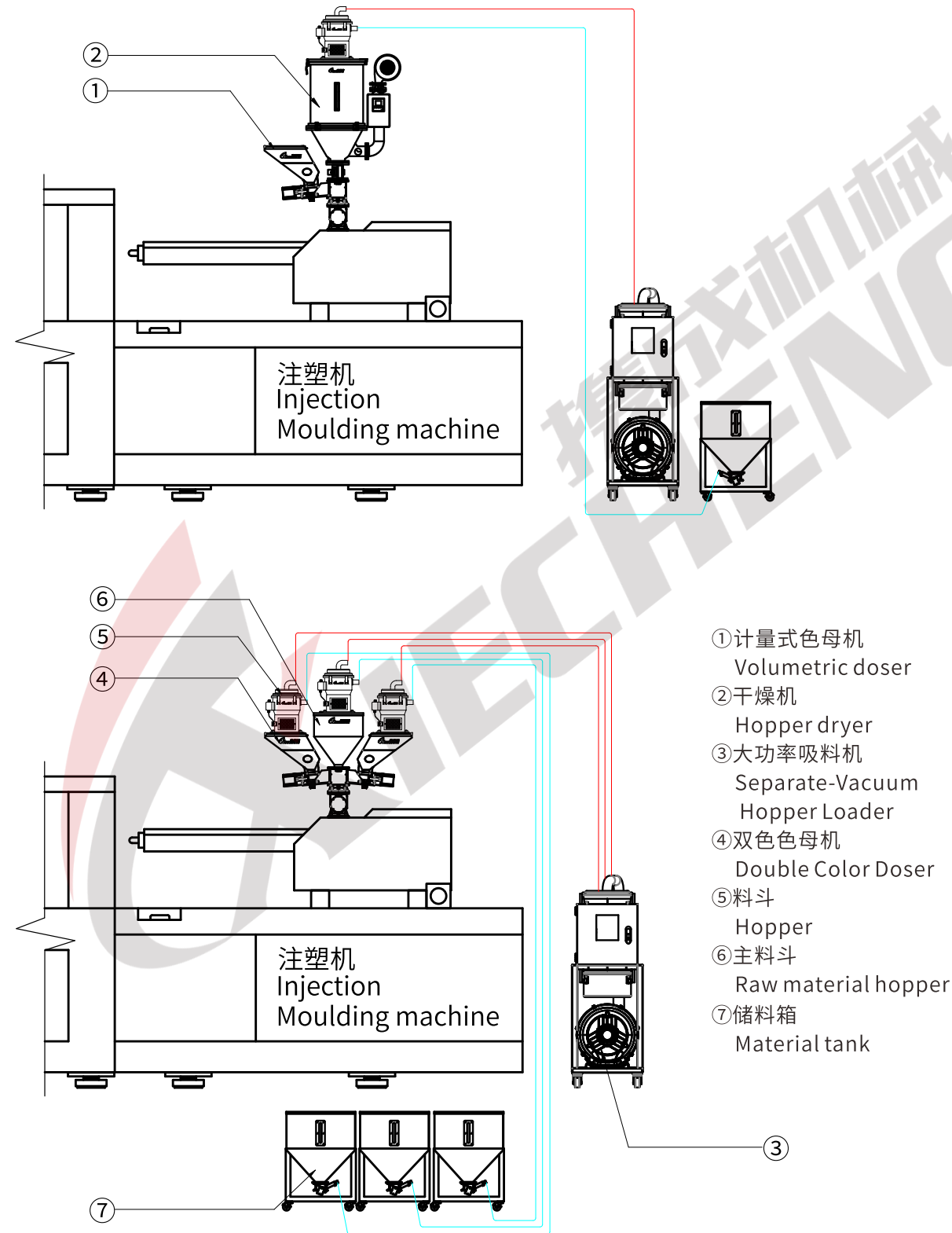


技术参数：SPECIFICATIONS

型号 Model	单色机 Single color unit		双色机 Double color unit
	XCM-12	XCM-16	XCM-**-**-D2
马达功率Motor (HP/kw) (KW)	0.3		0.3x2
马达转速 Motor speed (r.p.m)	1.8~300		
搅拌功率 Mixing power(W)	90		
螺杆外径 Screw outer diameter(mm)	12	16	**
输出量 Output(g/min)	4~120	8~230	*
储料桶 Material storage barrel(L)	13		13
主原料斗 Main material hopper	选配 Optional		
搅拌器Mixer			
净重 Approx.netweight(KG)	30		50
外形尺寸 Dimensions	见附图(See the attached figure)		

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安装示意图 INSTALLATION DIAGRAM



称重式拌料机
GRAVIMETRIC BLENDER

特点：

- ◎模块化可拆卸式设计，节省空间与清洁方便；
- ◎采用PLC控制器，控制精度更高，更稳定，操作简单明了；
- ◎采用先进的控制算法，自主优化，自动调校补偿及震动防止功能，微量计量可控制精度批重的 $\pm 0.1\%$ ；
- ◎自动重复校准功能，在每次称重后自动校对，保证最佳的配料精度；
- ◎标准机型可处理四种组份，可定制六组份及以上机型；
- ◎具有配方存储功能，最多可存储100组以上配方；
- ◎分级安全密码控制与报警历史记录功能；
- ◎控制器标准配置USB接口，可将混料配比数据保存到U盘中，便于生产质量控制；
- ◎所有与原料接触的部分均由不锈钢材料制成，防止原料被污染；
- ◎可直接安装在成型机器上或选配脚架安装在机器旁（含气动式卸料阀）；
- ◎配备通讯功能，可实现自动化远程管理。

FEATURE:

- ◎Modular and detachable structure design, saving space and easy to clean;
- ◎Using PLC controller with higher, more stable control accuracy, and easy operation;
- ◎Adopt advanced control algorithm, self-optimization, automatic adjustment compensation and vibration prevention functions to ensure the best batching accuracy at $\pm 0.1\%$;
- ◎With automatic calibration function to automatically calibrate after each weighing to ensure best dosing accuracy;
- ◎The standard model can handle 4 components, models with more than 6 components are customizable;
- ◎With formula saving function for more than 100 formulas;
- ◎Classified security password control and alarm history record function;
- ◎USB interface for saving recipe data to flash disk, facilitate the quality management;
- ◎All raw material contact parts are made by stainless steel, prevent the materials being polluted;
- ◎Optional for machine mounted or stand frame installation (including pneumatic discharge valve);
- ◎Equipped with communication function to realize automated management;

选配件 OPTIONAL ITEMS

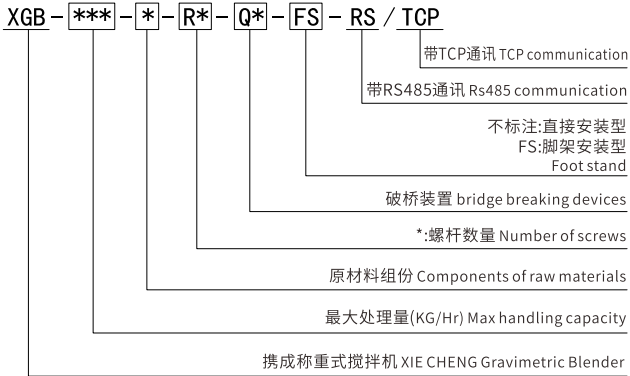
- ◎料斗低位报警开关；
- ◎吸料控制1/0模块；
- ◎气动式卸料阀（用于直接安装机台上方平台或架子）；
- ◎脚架、气动式卸料阀、储料桶及吸料盒（适用脚架安装型）；
- ◎以太网接口、MODBUS、PROFIBUS通讯模块，可实现远程监控，并与挤出机、注塑机等主机进行的数据交换。
- ◎Hopper low material level alarm switch;
- ◎Automatic loading control module;
- ◎Pneumatic slide gate (Suitable for machine mount model);
- ◎Floor sand, pneumatic slide gate, storage bin and suction box should be optionally purchased for floor mounting;
- ◎Ethernet interface, MODBUS, PROFIBUS communication module, which can realize remote monitoring, or with extruder, injection molding machine to transfer data.



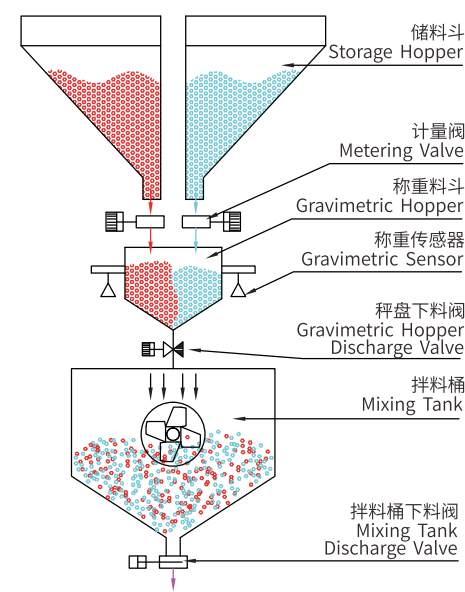
XGB-1200-4
直接安装型 Machine Mount



XGB-200-4-R1-FS
脚架安装型 Stand frame installation



工作原理：WORKING PRINCIPLE



当机器开始工作时，储料斗计量阀打开按预先设定的重量值放料，当控制器检测下料值达到后，计量阀关闭，若设定的下料值在误差范围内，则转到下一号储料斗进行放料，如此循环直到所有储料斗全部完成放料后，秤盘放料阀打开将原料落入搅拌桶内，并启动搅拌电机开始搅拌，设定的搅拌时间运行完后，搅拌桶关料阀打开原料落入储料箱储存，然后输送到机台使用。

Machine starts working and dosing valve opens to release material by setting values.If controller detects the discharging quantity reached setting value, dosing valve closes up.If discharging quantity stays within allowed error range, machine will discharge next material. When all the material dosing completes, scale valve opens to release materials into the mixing tank. Mixer motor starts to mix. Mixing time can be settled by controller. Mixture will be discharged to the storage tank and ready for injection.

技术参数 SPECIFICATIONS

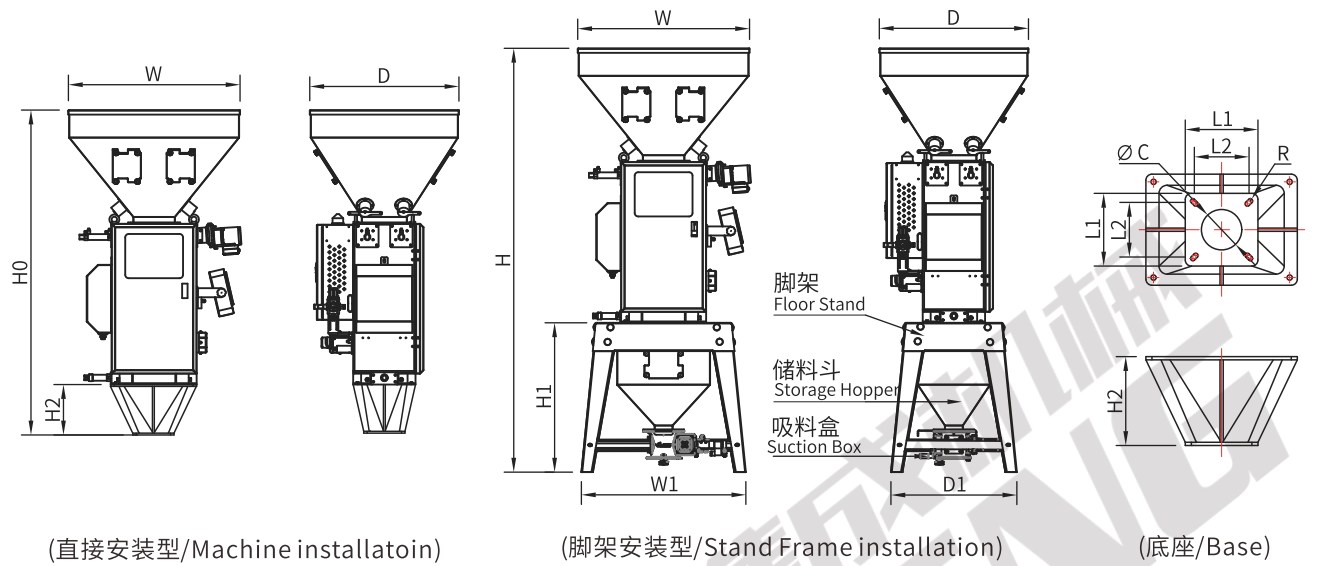
型号 Model		XGB-50	XGB-100	XGB-200	XGB-400	XGB-600	XGB-800	XGB-1200	XGB-2000	XGB-3000
组数数量 Qty of Group Number		4	4	4	4	4	4	4	4	4
混料能力 Mixing Capacity (Kg/hr)		50	100	200	400	600	800	1200	2000	3000
批次重量 Batch Weight (Kg)		1.5	3	4	6	8	12	15	20	30
主料混料范围 Main Material Mixing Range (%)				10~100		5~100	5~100	5~100	5~100	5~100
添加剂混料范围 Additive Mixing Range (%)			2~5%			1~10%			0.5~10%	
主料斗容积 Main Hopper Volume (L)		20x2	30x2	40x2	45	70	100	130	160	230
添加剂斗容积 Additive Hopper Volume (L)		10x2	15x2	20x2	15	18	25	30	40	70
储料桶容积 Storing Barrel Volume(L)		25	50	50	80	80	110	110	150	150
电源规格 Power Supply(V/Hz)		200~240V/50~60HZ/1P			220~460V/50~60HZ/3P					
总功率 Total Power (Kw)		0.12	0.12	0.25	0.55	0.55	1.1		2.2	
压缩空气 Compressed Air (Kgf/cm²)		4~6								
噪音 Max. Noise Level (dB)		<75	<75	<75	<75	<75	<75	<75	<75	<75
外形尺寸 Dimensions	直接安装型(mm): (H0xWxD) Machine installation	1010×600 ×620	1350×650 ×560	1400×700 ×650	1588×760 ×660	1738×850 ×700	1870×900 ×900	1970×1000 ×900	-	-
	脚架安装型(mm): (HxWxD) Stand Frame installation	1565×600 ×620	1820×650 ×560	1870×700 ×650	2115×760 ×660	2265×850 ×700	2375×900 ×900	2475×1000 ×900	3125×1410× 1210	3225×1410× 1410
底座(mm) Base L1x (L2) xØCxRxH2		150×(105~120) ×80×6×**	150×(100~120)×89×6×192	180×(105~140)×100×7×206	200×(120~150)×100×7×230	-	-	-	-	-
脚架(mm) Stand (H1xW1xD1)		560x710x560	600x725x555	730x705x535	760x900x650	890x1000x1000				
净重 Appro.Net Weight(kg) (直接安装型 Machine Installation)		90	90	130	140	180	200	250	280	380
净重 Appro.Net Weight(kg) (地面安装型 Floor Installation)		110	110	155	165	230	250	340	370	500

注：1) 混合配比误差是指各组份的设定百分比与实际百分比的差值；
2) 标准阀门不适用于粉体计量；
3) 以上最大处理量和混合配比误差数据是以堆积密度0.8、直径为3~4 mm的颗粒均匀原料以连续运转方式测量所得的数据。

Note: 1) Dosing accuracy are refer to each ingredient accuracy;
2) standard valves are not suitable powder dosing;
3) Max .output of each model and dosing accuracy are based on the data from bulk density 0.8 ,dia. 3~4mm pellets in a test criteria of continuous running.

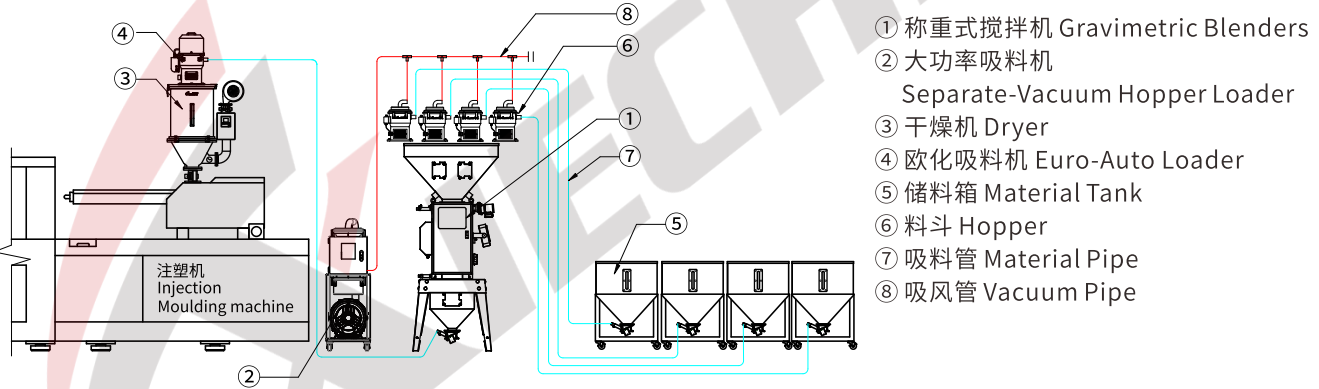
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外形图及选配件 OUTLINE DRAWINGS AND OPTIONS

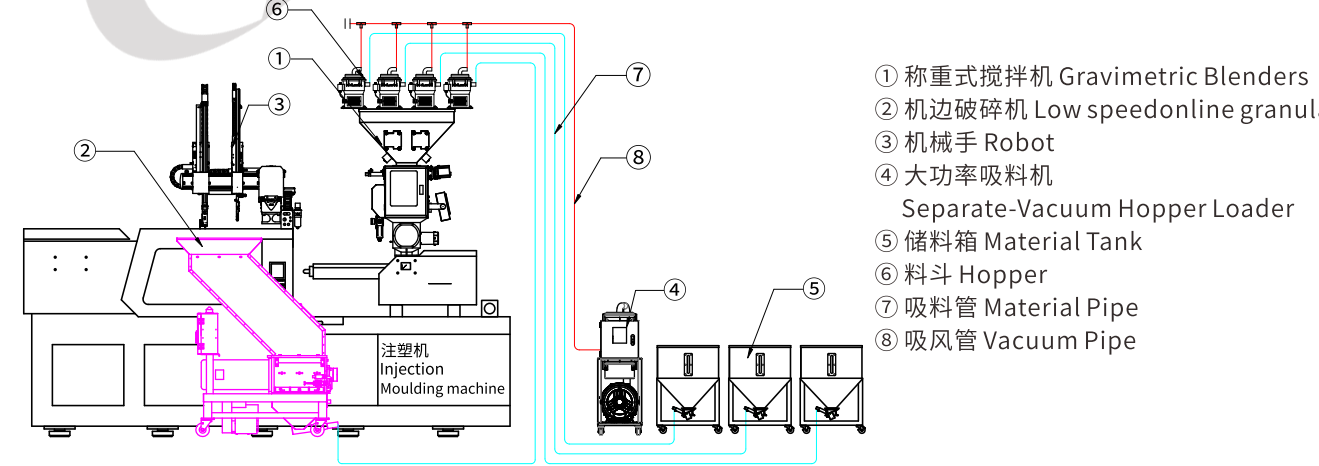


应用范围：APPLICATION RANGE

脚架安装型
Floor Mount



直接安装型
Machine Mount



计量式比例混合机
VOLUMETRIC RATIO MIXER

特点：

- ◎与原料接触部分均采用不锈钢材质；
- ◎同期计量，无需搅拌，计量的同时就是混合；
- ◎可充分混合比重差异大、形状或大小不同的物料；
- ◎无需搅拌，可避免静电和粉尘的产生；
- ◎模块式的装配结构，拆装方便，易于清理及互换；
- ◎设置手动清料阀，方便更换物料；
- ◎配方可存储，方便更换调用配方；
- ◎使用高精度步进电机，不需保养，维护成本低；
- ◎配有防溢料保护，会自动停机保护并报警；
- ◎配有测料口，方便测试下料能力。

FEATURE:

- ◎All contact parts to raw materials are made of stainless steel;
- ◎Mixing is done while measuring, no need for extra stirring;
- ◎Fully mixing materials with large differences in specific gravities, shapes or sizes;
- ◎No stirring required, which avoid generation of static or dust;
- ◎Modular assembly structure, easy to disassemble and reassemble, easy to clean and swap parts;
- ◎Equipped with a manual cleaning valve to change materials;
- ◎Formula can be stored, easy to switch and recall recipes;
- ◎Using high-precision stepper motors that no maintenance required, so the machine maintenance cost is low;
- ◎Equipped with anti-overflow function to automatically stop the machine for protection and alarm;
- ◎Equipped with a material measuring port to facilitate testing of material discharge capacity.

XC-PM**-*-MX-**-

选装件 Option

搅拌机(选配) Mixing motor (optional)

材料组份 Components of materials

螺杆直径(mm)Screw diameter (mm)

计量式比例混合机 Metering proportional mixer



触摸屏
Touch Screen

技术参数 SPECIFICATIONS

型号 Model	螺杆直径(mm) Screw diameter	料仓容量 Silo (L)	最大处理量(kg/hr) Max capacity	添加剂混料范围 (%) Additive Mixing Range	外形尺寸(mm)WxDxHxH1 Dimension
XC-PM40-3	φ 40*2 φ 16*1	35L*3	50-200	≤2%	795*690*815
XC-PM40-4	φ 40*2 φ 16*2	30L*4	50-350		

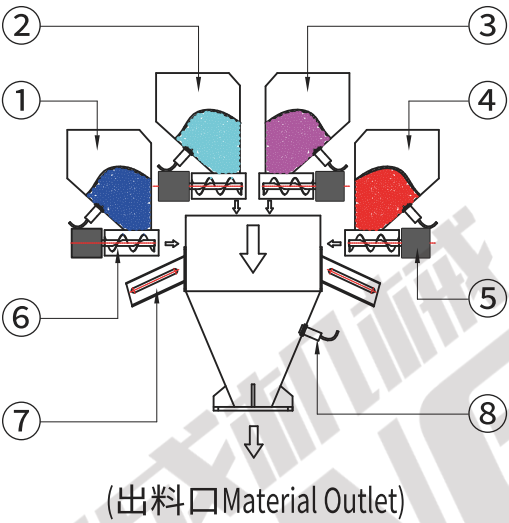
注：(1)最大处理量是以比重为0.65,直径为2-3MM的塑料颗粒、连续运行测试所得数据。
(2)电压规格:220V/50HZ/1P。
(3)产品规格若有变更,恕不另行通知。
(4)配脚架使用时,在型号后加"FS"。

Note: (1) The maximum processing capacity is the data obtained from the continuous operation test of plastic pellet with a specific gravity of 0.65 and a diameter of 2-3MM.
(2)Voltage:220V/50HZ/1P.
(3)We reserve right to change specifications without prior notice.
(4)When using a frame stand, add "FS" after the model.

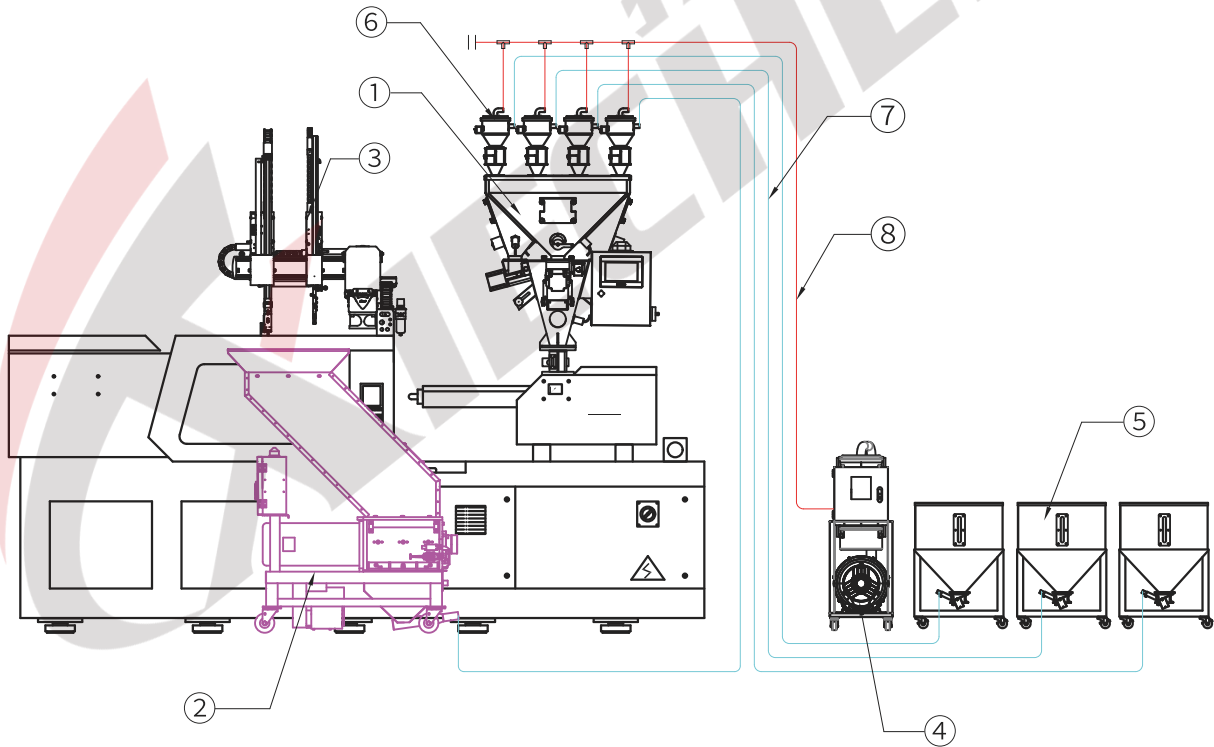
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结构简图 STRUCTURE DIAGRAM

- ① 1#料仓 Silo 1
- ② 2#料仓 Silo 2
- ③ 3#料仓 Silo 3
- ④ 4#料仓 Silo 4
- ⑤ 螺杆电机 Screw motor
- ⑥ 输送螺杆 Conveying screw
- ⑦ 放料盒 Discharge box
- ⑧ 料位开关 Level switch



应用示意图 APPLICATION DIAGRAM



- ① 计量式比例混合机 Metering proportiond mixer
- ② 机边破碎机 Low speedonline granulator
- ③ 机械手 Robot
- ④ 大功率吸料机 Separate-Vacuum Hopper Loader

- ⑤ 储料箱 Material Tank
- ⑥ 电眼料斗 Sensor Hoppel
- ⑦ 吸料管 Material Pipe
- ⑧ 吸风管 Vacuum Pipe

容积式比例混合机
VOLUMETRIC RATIO OF TWO FEED MIXER

特点：

- ◎桶身部分采用不锈钢材质，确保原料不被污染；
- ◎储料桶分为左右两半，分别为1号料仓和2号料仓，两个料仓上均可以安装吸料机实现自动加料；
- ◎配备两套螺杆计量装置，可对原料供给量准确计量；
- ◎噪音小、精度高、稳定性高；
- ◎螺杆采用不锈钢材质，对原料无污染；
- ◎配备吸料盒，可与外部吸料机相连输送混合料；
- ◎标配低料位感应、蜂鸣器及警灯提醒缺料功能；

FEATURE:

- ◎Stainless barrel part ensures no contamination on raw materials;
- ◎Storage barrel divided as Silo 1 and Silo 2, each hopper could be mounted with loader for auto re-filling materials;
- ◎Equipped with two sets of volumetric screw dosing devices for accuracy of material providing;
- ◎Low noise, advanced accuracy and high stability;
- ◎With stainless steel made screws to keep consistency of raw materials;
- ◎Equipped with suction box for connection with auto loader;
- ◎Equipped with level sensor, buzzer and lamp alarm for material shortage alerting;

结构简图： STRUCTURE DIAGRAM

- ① 把手

② 1#料仓

③ 2#料仓

④ 料位开关

⑤ 减速电机

⑥ 电器箱

⑦ 搅拌桶

⑧ 出料口

⑨ 输送螺杆

⑩ 桨叶

⑪ 搅拌电机(选配)
- Handle

Silo 1

Silo 2

Level switch

Gear reducer

Electrical control box

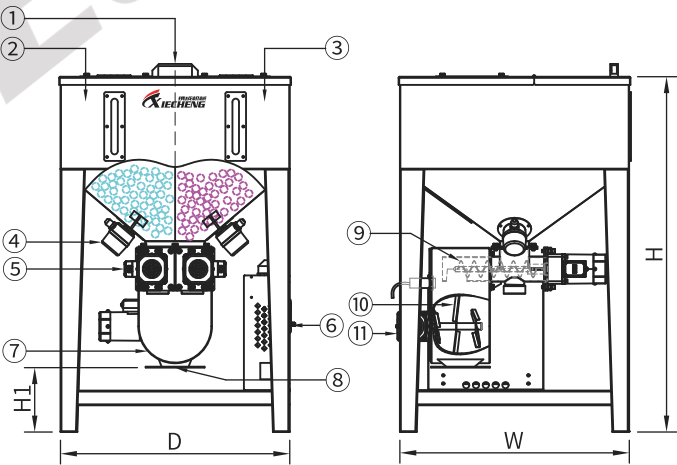
Mixing tank

Material Outlet

Conveying screw

Paddle

Mixing motor(Optional)



技术参数 SPECIFICATIONS

型号 Model	螺杆电机功率 Screw motor power (w)	搅拌电机功率 Mixing motor power(w)	螺杆直径 Screw diameter (mm)	料仓容量 Silo 1(L)	料仓容量 Silo 2 (L)	最大处理量(kg/hr) Max capacity	吸料管径 Tube diameter (inch)	外形尺寸(mm)WxDxHxH1 Dimensions
XC-VTM50-160U-MX	60+60	90	50	80	80	480-850	1.5~2.5	710×710×1090×197
XC-VTM50-320U-MX				160	160			810×810×1420×197
XC-VTM70-720U-MX	90+90		70	360	360	1010×1010×1530×197		
XC-VTM70-1200U-MX				600	600	1210×1210×1750×197		

注：(1)最大处理量是以比重为0.65,直径为2-3MM的塑料颗粒、连续运行测试所得数据。 (2)电压规格:220V/50HZ/1P。 (3)产品规格若有变更，恕不另行通知。

Note: (1) the maximum processing capacity is the data obtained from continuous operation test of plastic particles with specific gravity of 0.65 and diameter of 2-3mm. (2) Voltage specification: 220V / 50Hz / 1p. (3) Product specifications are subject to change without notice.

产品规格若有改变，恕不另行通知。We reserve the right to change specifications without prior notice.

欧化混合式储料箱
EURO-MIXING STORAGE TANK

特点：

- ◎与原料接触面均采用不锈钢材质，确保原料不被污染；
- ◎垂直装配的螺旋杆，确保原料完全均匀混合；
- ◎采用减速电机，功率小，节能静音；
- ◎可拆式顶部零配件（桶盖、减速马达、螺杆和控制箱），便于清理；
- ◎附自动停止装置，可设定0-30分钟自动停止；
- ◎配主电源开关及安全连锁保护装置确保操作者安全及机器本身无损坏；
- ◎配有防滑型脚轮；
- ◎可选配吸料枪安装于料桶两侧，便于送料。

FEATURE:

- ◎All raw material contact parts are made by stainless steel, prevent the materials being polluted;
- ◎Equipped with vertical screw, materials are being evenly stirring;
- ◎Adopted geared motor, low power consumption and quiet running
- ◎Machine is comprised of easy-disassembly parts (Top Cover, Reducer Motor, Screw and Electrical Control Box), easy for cleaning;
- ◎With automatic stop device, stopping time able to be set within 0-30 minutes;
- ◎With main power switch and safety chain protection device, to ensure the safety of operator and machine;
- ◎Equipped with non-slip caster wheels;
- ◎Suction tube is for optional, install on both sides of the storage tank, easy for conveying.

结构简图 STRUCTURE DIAGRAM

- ① 搅拌电机

② 搅拌桶

③ 吸料口

④ 控制箱
- Mixing motor

Mixing barrel

Suction inlet

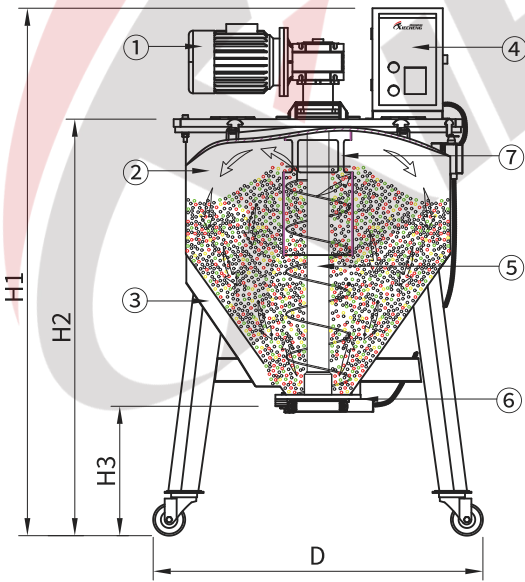
Controller box
- ⑤ 搅拌叶

⑥ 放料门

⑦ 导向套
- Mixing paddle

Material outlet

Guide Sleeve



技术参数 SPECIFICATIONS

型号 Model	最大处理量(kg/hr) Max capacity	电机功率(KW) Motor power	电机转速(rpm) Rotating Speed	搅拌叶直径(MM) Paddle diameter	外形尺寸(mm)H1*H2*H3*∅D Dimensions
XC-EMT80U	200	0.55	190	150	1210*950*280*900
XC-EMT160U	400	0.75		220	1400*1140*310*1010
XC-EMT300U	800	1.1		250	1480*1220*200*1155

注：正常搅拌时间约15min、最大处理量是以比重为0.65,直径为2-3MM的塑料颗粒、连续运行测试所得数据。（可选配吸料枪、吸料盒连接使用）

产品规格若有改变，恕不另行通知。We reserve the right to change specifications without prior notice.



XC-VTM50-160U-MX

应用范围： APPLICATION

主要应用于原料和回收料进行比例混合，或其它两种物料进行不同比例混合。
Mainly utilized for mixing with certain proportion of raw material and recycled material, or two different types raw materials.



XC-EMT160U

工作原理：

欧化混合式储料桶的工作原理是利用螺旋叶产生涡旋来达到混料的目的。待混合的原料会被拌料桶底部所产生的涡旋卷入安装在中央部位的搅拌螺旋杆里，然后沿着螺杆被卷升至顶端后掉落，如此便可于短时间完成均匀混合。当原料混合均匀后，拉开料桶底部的关料板便可排出混合原料或可选配吸料枪、吸料盒搭配自动吸料机使用，节省人工效率高。

WORKING PRINCIPLE

Euro-Mixing Storage Tank is to use the spiral paddles to generate vortex for mixture purpose. The raw materials will be rotated into the central blending screw by the vortex. Rotation will gather the materials from the bottom to the top along the screw, drop it at the top and complete the mixing function in short period of time. After mixture, open the baffle at the bottom of the tank for material unloading. Optional for suction tubes and suction box match with auto loaders, labor-saving and efficient.

应用范围： APPLICATION

欧化混合式储料桶主要用于塑胶的混合搅拌和储存，不可用于各类塑胶粉末原料、食品、化学药品、易燃易爆及挥发性物品的混合和储存。或混合的塑胶原料片尺寸不均匀或为其它形状时，需要考虑原料堆积比重。

Euro-Mixing Storage Tank is mainly applied in mixture and storage of plastic. Except for mixture and storage of plastic powder raw materials, food, chemicals, inflammable and explosive materials, volatile materials. Bulk specific weight needs to be considered when the size of raw materials are uneven or different shapes.

立式混色机
VERTICAL COLOR MIXER

特点：

- ◎四轮直立式设计，体积小，移动方便；
- ◎采用橡胶密封条，独特的卡槽固定设计，经久耐用，防止密封条脱落；
- ◎配用摆线针轮减速电机，噪音低、持久耐用；
- ◎短时间内完成均匀混料，低耗能、高效率；
- ◎桶盖、桶底冲压成型，配合精确，更耐用；
- ◎计时器可在0-30分钟之间选择混料时间。

FEATURE:

- ◎Four-wheel vertical design, small size and easy to move;
- ◎Adopt rubber sealing strip, special slot fixing design, durable and prevent the sealing strip from falling off;
- ◎Equipped with cycloidal pinwheel reducer motor, low noise and durable;
- ◎Fast complete mixing, low energy consumption and high efficiency;
- ◎Pail cover and bottom parts and compress formed precisely matched and durable;
- ◎Mixing time able to set within 0~30 minutes.



立式桨叶特点：

全不锈钢桨叶，结构科学、合理，在工作中可充分搅拌原料，且将负载减到最少，省时、省电；采用优质不锈钢材料，高强度，清洗方便。

VERTICAL PADDLE
FEATURE:

Stainless steel paddle with scientific structure, able to mix raw material completely; minimize load, save time and electricity; Made of premium stainless steel, high strength and easy to clean.

技术参数 SPECIFICATIONS

型号 Model	功率/Power		容量KG Capacity	电压V Voltage	外形尺寸 (mm)WxDxHxH1 Dimension	转速 (R/min) Rotating Speed	净重约 (KG) Approx.Net Weight
	KW	HP					
XC-HL50KG	1.5	2	50	380 3Φ	845X840X1060x450	85	125
XC-HL100KG	3	4	100	380 3Φ	980X975X1275x540	85	180
XC-HL150KG	4	5.5	150	380 3Φ	1125X1105X1420x665	85	270
XC-HL200KG	7.5	10	200	380 3Φ	1250X1170X1430x665	85	313
XC-HL300KG	7.5	10	300	380 3Φ	1250X1170X1630x665	85	323

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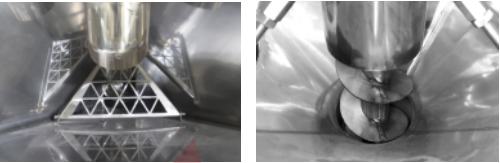
立式搅拌机
VERTICAL BLENDER

特点：

- ◎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；
- ◎设备与原料所接触部分的材料皆为不锈钢制作，清洗容易，避免锈蚀；
- ◎设有电控安全保护装置，确保操作安全；
- ◎配备定时器，搅拌完成后自动停机；
- ◎有带加热烘干型可供选择，独特的双层保温欧式发热箱设计，减少热量损耗；表面温度低，配备超温脱扣保护功能，节能安全；采用中压鼓风机，风量大。

FEATURE:

- ◎Helical circular mixture, fast and evenly stirring;
- ◎Suitable for mixing masterbatch with all kinds of plastic raw materials;
- ◎Fully stainless steel contacting parts, rust free and easy to clean;
- ◎Installed with power control device to ensure safety;
- ◎Equipped with timer to automatic stop after mixing finished;
- ◎With heating and drying function for option: double layer thermal insulation Euro heating hopper design to reduce heat loss; With low surface temperature, equipped with over-temperature trip protection function, energy-saving and safe; medium-pressure blower with high air volume.



工作原理：

立式搅拌机的工作是利用螺杆的快速旋转将原料从桶体底部由中心提升至顶端，再以伞状飞抛散落，回至底部，这样原料在桶内上下翻滚搅拌，短时间内即可将大量原料均匀的混合完毕。

WORKING PRINCIPLE

Vertical blender are able to perform even mixture for large volume of materials in short mixing time by utilizing the paddles rotation to gather the materials from the bottom of dump center to the top, shed the material flow back to the bottom and complete the mixing function in short period of time.

技术参数 SPECIFICATIONS

型号 Model	功率/Power		容量(L) Capacity	电压(V) Voltage	外形尺寸 (MM) W*D*H*H1	投料斗高度H2(mm) Height of Hopper	转速 (R/MIN) Rotating Speed	电热(KW) Heating Power	风机(KW) Blower	净重约 (KG) Approx. Net Weight
	KW	HP								
XC-JB500KG/JBG500KG	2.2	3	750	380 3Φ	1210x1480x2425x520	660	300	12	0.32	450
XC-JB1000KG/JBG1000KG	3	4	1500	380 3Φ	1636x1800x3070x705	810	300	18	1	630
XC-JB2000KG/JBG2000KG	4	5	3000	380 3Φ	1930x2035x3650x680	825	300	24	1.5	1050
XC-JB3000KG/JBG3000KG	5.5	7.5	4500	380 3Φ	2375x2420x3670x700	845	300	36	2.2	1250
XC-JB5000KG/JBG5000KG	7.5	10	7500	380 3Φ	2375x2420x4560x700	845	300	36	2.2	1500
XC-JB10000KG/JBG10000KG	11	15	15000	380 3Φ	-	-	300	60	5.5	2500

注：10T不适合装柜，只适合于国内客户。 Note: The 10T model is not suitable for container shipping and is exclusively for domestic customers.

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XC-JBG1000KG

结构简图 STRUCTURE DIAGRAM

