



Taida Plastic Technologies (Zhongshan) Co., Ltd.

A professional manufacturer for plastic auxiliary equipments,
for more than 15 years

- Alibaba Shop: <https://sintd.en.alibaba.com/>,
- Web: <https://www.sintd.com/>
- Add: No.108 Industrial Avenue North, Xiaolan, Zhongshan, Guangdong, China, 528415
- Contacts: Amanda Lau
- Mob, Whatsapp, Wechat: +86 188 1439 9735
- Email: td6@sintd.com

About Us



TAIDA Plastic Technologies Zhongshan(headquarters)



TAIDA Plastic Technologies Anhui(branch company)

Located in Guangdong province, Taida Plastics Technologies (Zhongshan) Co., Ltd, was established in 2008. With the rapid development of the plastics industry, we've established a branch company-Anhui Taida Plastics Technologies Co., Ltd in 2011 in Wuhu City, Anhui Province.

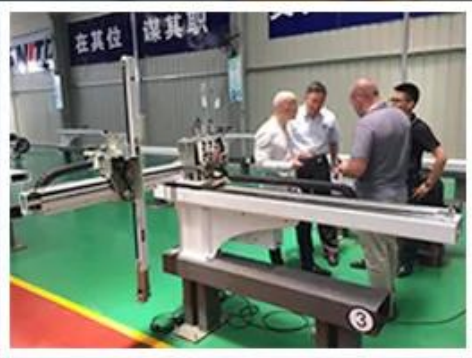
Our products consist of six series and three systems: Drying and Dehumidifying, Feeding and Conveying, Dosing and Mixing, Heating and Cooling, Granulating and Recycling, Intelligent Robot, Central Feeding System, Central Cooling System, PET System, design & production of non-standard automation.

We've not only gained more than 100 design patents for invention and new technology patents but also has passed the ISO9001; 2008 international quality management system certification as well as the European Union mandatory CE certification. In addition, we were honored as "GUANGDONG Well-Known Brand" in 2009 and won the honor title of "China Famous Brand" "New High-tech Enterprise" in 2012 and "China Credit Enterprise" in 2010, etc.

Sticking to our management principle and advanced technology, we've won our customers' support and trust, and our products are popularly exporting to more than 30 countries and regions such as Europe, American as well as Asia.

Factory Views

Standardized production management system



Dosing and Mixing Series



Volumetric Dosers

Instructions:

The TCM series volumetric dosers are suitable for auto-proportional mixing of new materials, regrinds, masterbatch and additives. A brushless DC motor is used in this series. The microprocessor accurately controls rotation of the high precise dosing screws to squeeze out materials with an accuracy of +1% from setpoint. A gear motor with deceleration ratio of 30:1 or 100:1 is coupled to a dosing screw of six models with output ranging from 0.1-32kg/hr. Double color doser can be supplied to match with two single color doser if required by clients.

Features:

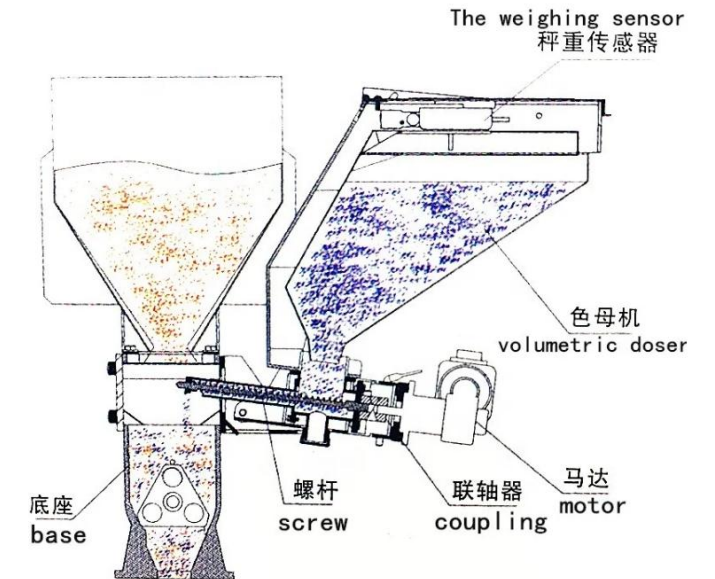
- Everlasting data memorizer and settings storage.
- Use brushless DC motor and free from maintenance.
- Microprocessor control, intelligent and accurate in calculation.
- External signals can be directly interfaced with the control box.
- Dosing screws are chrome plated for durability.
- Unit is comprised of standard modules for ease of cleaning, disassembly and interchangeability.
- Three-tubes hopper magnet is equipped at the base of the single color doser to absorb metal impurities so to prevent the screw of moulding machine from damage.
- Single color doser takes base blender as an option to make blending more evenly.
- Blender built-in a standard accessory for double color doser and it can meet client's need for double blending.
- Main material hopper is a standard accessory for double color doser, It is optional for single color doser.



TCM-30单色计量式色母混合机
Single-color volumetric doser



TCM-D双色计量式色母混合机
TCM-D double-color volumetric dosers



Specifications:

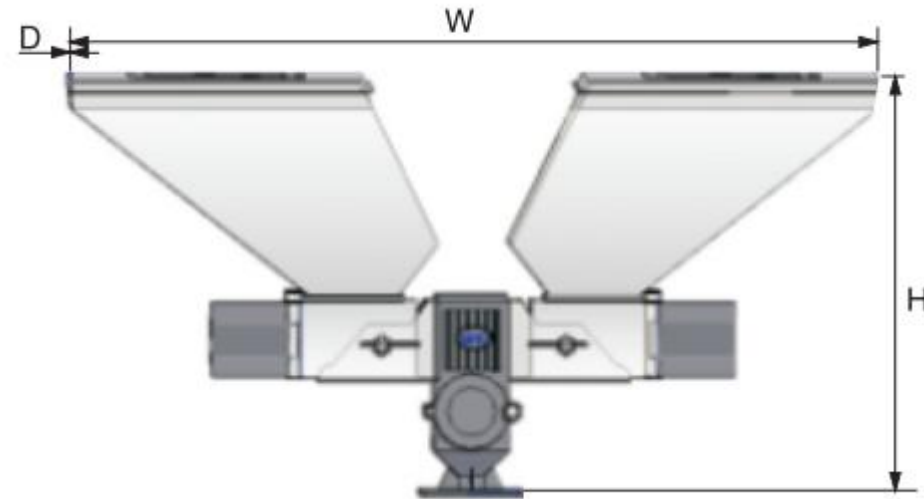
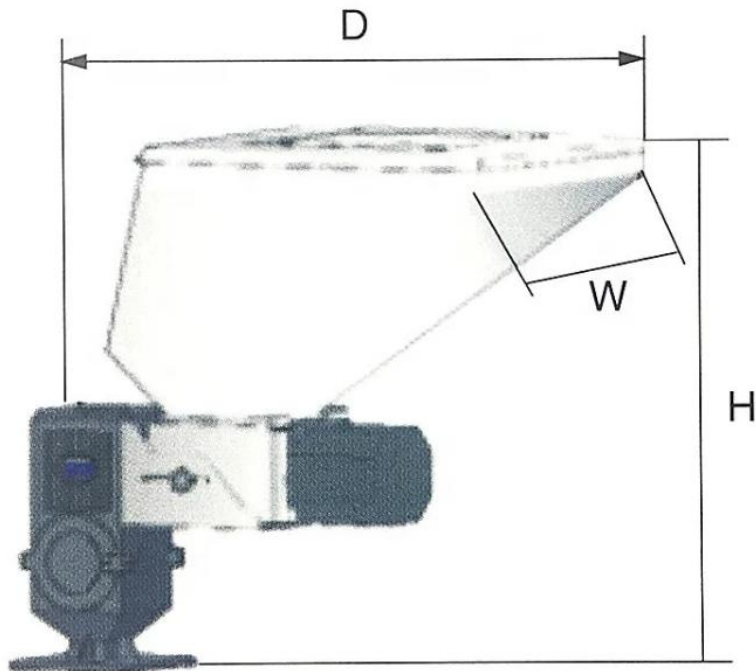


Model	Single-color Volumetric Doser						double-color Volumetric Dosers		
	TCM-30-16	TCM-30-14	TCM-30-12	TCM-100-16	TCM-100-14	TCM-100-12	TCM-D-30/30	TCM-D-30/100	TCM-D-100/100
Motor Power(KW)	0.05	0.05	0.05	0.05	0.05	0.05	0.05*2	0.05*2	0.05*2
Motor Speed(r.p.m)	0~3000	0~3000	0~3000	0~3000	0~3000	0~3000	0~3000	0~3000	0~3000
Mixer Power(KW)	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
Screw External Dia.(mm)	16	14	12	16	14	12	**	**	**
Output Capacity(kg/hr)	1.0~32	1.0~20	0.3~10	0.5~15	0.2~8	0.1~4	*	*	*
Screw Bin(L)	10	10	10	10	10	10	10	10	10
Gear Ratio	30:1	30:1	30:1	30:1	30:1	30:1/30:1	30:1/30:1	30:1/100:1	100:1/1000:1
Main Material Hopper	Optional	Optional	Optional	Optional	Optional	Optional	Standard	Standard	Standard
Mixer	Optional	Optional	Optional	Optional	Optional	Optional	Standard	Standard	Standard
Floor Stands	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Dimensions									
H(mm)	580	580	580	580	580	580	580	580	580
W(mm)	530	530	530	530	530	530	900	900	900
D(mm)	290	290	290	290	290	290	290	290	290
Net Weight (kg)	29	29	29	29	29	29	50	50	50

We reserve the right to change specifications without prior notice.

Note:

- 1) "*" means the output capacity depends on mode selected. data of the single color doser can be a reference. For example: TCM-D-30-16/30-14. output capacity 1.1-32kg/hr.
- 2) "**" stands for external dia of screw is up to model selected.
- 3) Single color volumetrics add to mixer. add "Ms the back of the model.
- 4) All output capacities from above models are based on data from density 1.2, dia. 2-3 mm masterbatch in a test criteria of continuous running
- 5) Voltage: 1 Φ , 230V, 50H.



Weighing type mixing machine



Instructions:

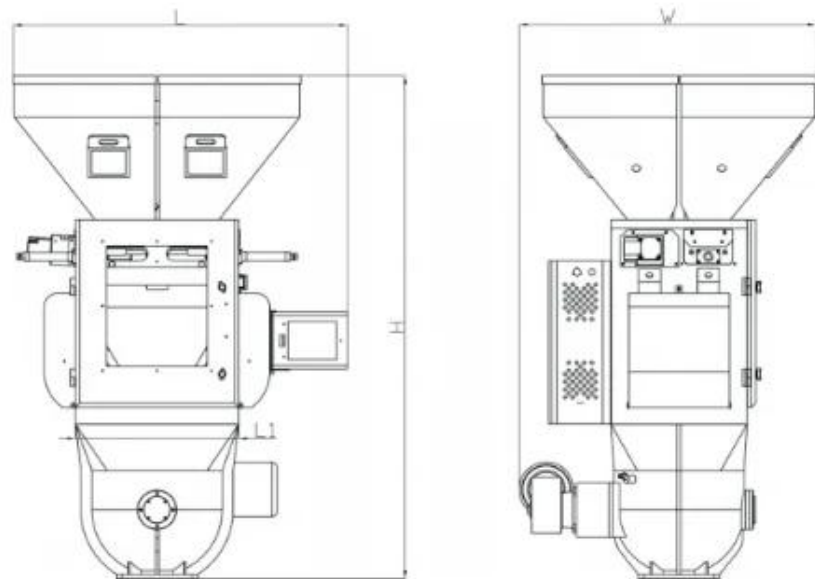
TGB series gravimetric blenders adopt the latest single-chip microprocessor with a digital display for easy calibration. It has more powerful function, higher speed, and stronger antijamming capability. It has auto compensation ability, which will automatically calibrate in order to ensure the accuracy when the machine starts. It's mostly applied in plastic injection, extrusion or material mixing which requires a variety of raw materials to be accurately mixed according to the weight ratio.

Features:

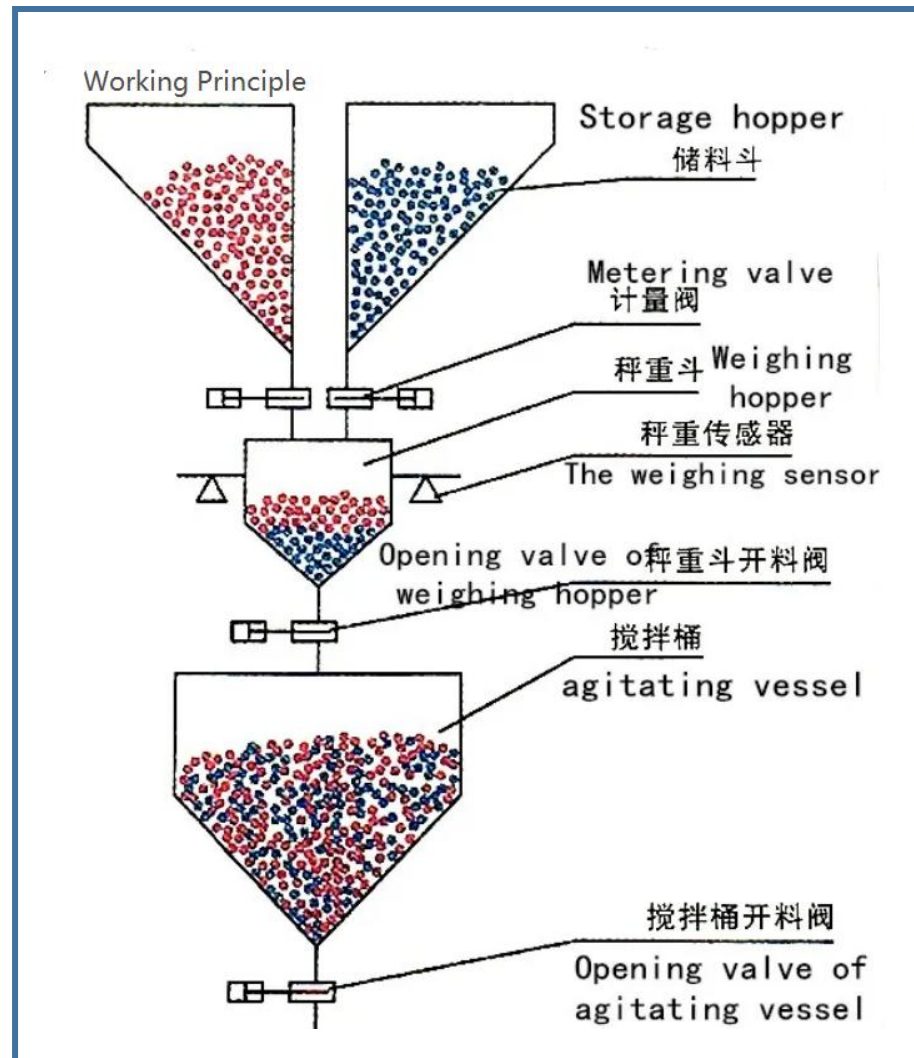
- Adopt single-chip microprocessor design, more powerful function, smaller size and good Anti-interference ability.
- Use EEPROM, data will not be lost when power off, battery free.
- Interface state, contact controller, easy use, can store lot of formula data (500set)
- High speed, high accuracy, catching material by AD, more stable.
- 5)All material will be weighed by gravity measurement then mixed, strictly control precision.
- Recheck the weight data and material, ensure the precision and accuracy.
- Can directly install it on molding machine, but need to choose and buy base of mixer.
- When install on the floor, need to choose pneumatic material-stop valve, floor stand, storage bunker, and material-inhale box.



» Outline drawing



尺寸 (mm) / 机型 Model	TGB-40	TGB-80	TGB-200	TGB-600	TGB-1200
L	810	835	920	1085	
W	630	675	710	880	
H	1040	1140	1220	1585	1850
L1	305	305	340	500	600



Note:

- 1) proportion error is the D-value from set data to actual proportion
- 2) Knife matering is suitable for proportion above 5%,the error can below $\pm 0.3\%$.
- 3) Screw or micro quantity matering is suitable for 0.5% to 5% proportion,the error can be below $\pm 0.1\%$
- 4) The result above is got from test with granule of 3-4mm diameter, aggregation degree 0.8,continuous running

Specifications:



Model No.		Group Number	Knife Matering QTY.	Screw m _a tering QTY.	Max. batch QTY. (kg)	Compress air (kg/cm ³)	Mixing motor power (kw)	Max. ouput (kg/hr)	Machine voltage SPEC.	Model No.	Group Number	Knife Matering QTY.	Screw m _a tering QTY.	Max. batch QTY. (kg)	Compress air (kg/cm ³)	Mixing motor power (kw)	Max. ouput (kg/hr)	Machine voltage SPEC.	
TGB-40	4	4	4	-	1	5-6	0.37	40	1Φ, 230V, 50Hz	TGB-1200	4	4	-	25	5-6	1.5	1200	1Φ, 230V, 50Hz	
	4-1R		3	1				4-1R				3	1				1200		
	4-2R		2	2				4-2R				2	2				1100		
	4-3R		1	3				4-3R				1	3				1050		
	3	3	3	-				3			-	1300							
	3-1R		2	1				3-1R			2	1	1150						
	3-2R		1	2				3-2R			1	2	1450						
	2	2	2	-				2			-	1350							
2-1R	1		1	2-1R	1	1	1200												
TGB-80	4	4	4	-	2	5-6	0.37	80		1Φ, 230V, 50Hz	TGB-1500	2	2	-	30	5-6	1.5		1600
	4-1R		3	1				2-1R					1	1					1500
	4-2R		2	2				3					-	1600					
	4-3R		1	3				3-1R					2	1					1550
	3	3	3	-				3-2R				1	2	1400					
	3-1R		2	1				4				-	1500						
	3-2R		1	2				4-1R				3	1	1500					
	2	2	2	-				2	-			1400							
2-1R	1		1	4-2R	2	2	1400												
TGB-200	4	4	4	-	3.5	5-6	0.55	200	1Φ, 230V, 50Hz		TGB-2000	2	2	-	30	5-6	1.5	2200	
	4-1R		3	1				2-1R					1	1				2000	
	4-2R		2	2				3					-	2100					
	4-3R		1	3				3-1R					2	1				2000	
	3	3	3	-				3-2R				1	2	1950					
	3-1R		2	1				4				-	2000						
	3-2R		1	2				4-1R				3	1	2000					
	2	2	2	-				2		-		350							
2-1R	1		1	4-2R	2	2	1900												
TGB-600	4	4	4	-	12	5-6	0.75	600		1Φ, 230V, 50Hz	4	4	4	-	700	5-6	0.75	700	
	4-1R		3	1				4-1R					3	1				600	
	4-2R		2	2				4-2R					2	2				520	
	4-3R		1	3				4-3R					1	3				500	
	3	3	3	-				3			-	650							
	3-1R		2	1				3-1R			2	1	650						
	3-2R		1	2				3-2R			1	2	500						
	2	2	2	-				2	-		1000								
	2-1R		1	1				2-1R	1		1	700							



Vertical batch mixers

Introduction:

TVM-U series vertical batch mixers are the latest design of mixers from SINTD to allow even mixing of materials. A blending screw and designed vertical chamber are mounted in the center of the mixer and conveys material from bottom to top, this process mixers material evenly in a shortest time and save energy, the blending chamber is made of stainless steel to ensure no material contamination, this product now has 3 models, such as 80U, 160U, 300U.

Features:

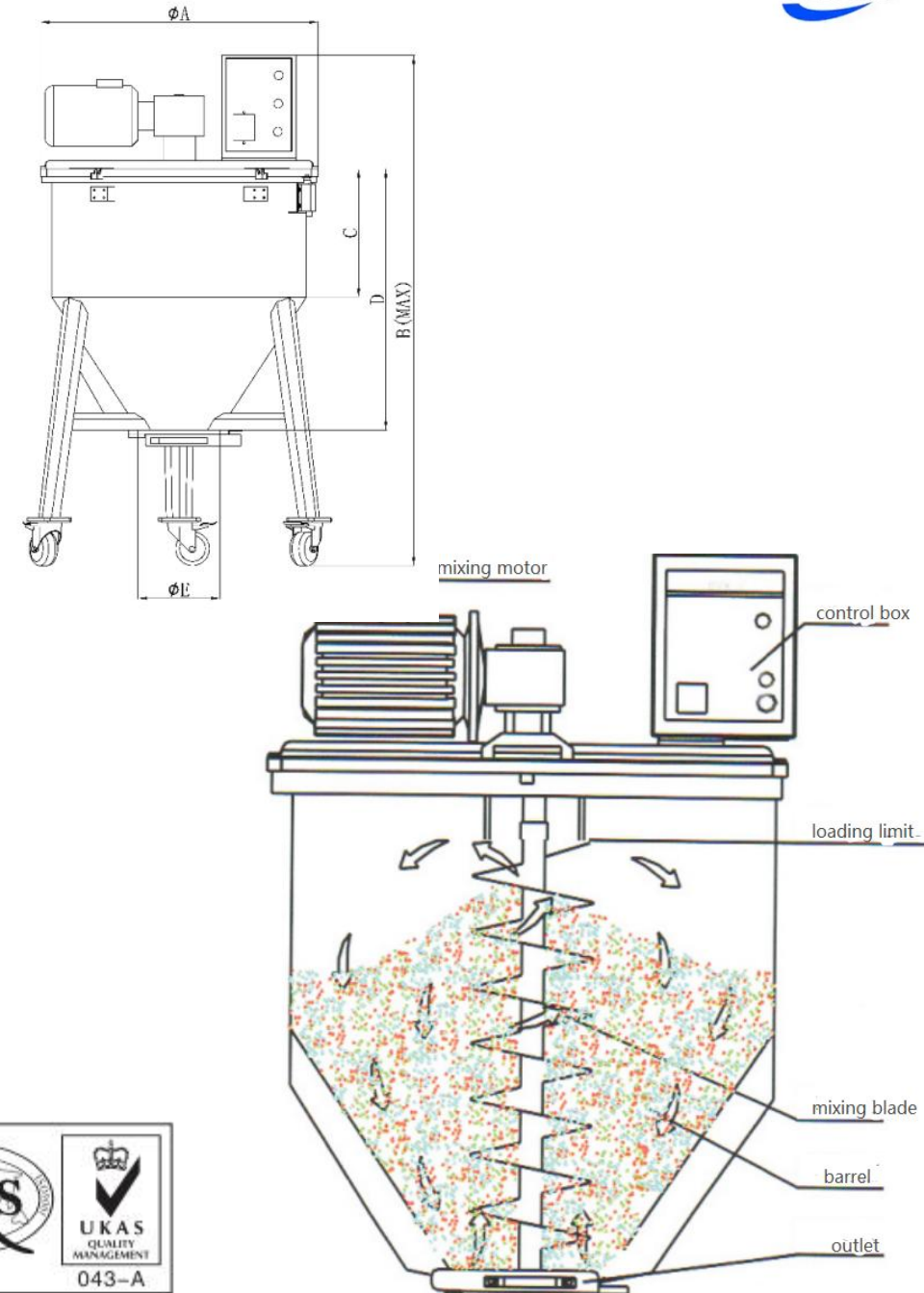
- All parts in contact with material are made of stainless steel to eliminate material contamination;
- Vertical mounted blending screw and cylinder ensure even mixing of materials;
- Removeable top assembly (lid, motor, and control box) for easy cleaning, 0-300 hours auto-stop function;
- Equipped with main power switch and safety interlock protective device to ensure operator's safety and no damage to the machine;
- TVM-80U-300U has height adjustable stand and castors with brake are standard accessories for easy transportation;
- Pneumatic slide gate is an optional accessory for mounting at TVM-80U-300U discharge outlet;
- Optional suction pipes are available for mounting at the two sides of TVM-80U-300U, to help material conveying;
- Safety regulations to the European circuit type, the model after filling CE.



Specifications:

Model	TVM-80U	TVM-160U	TVM-300U
Max capacity (kg/h)	200	400	800
Motor power (KW)	0.55	0.55	0.75
Blending barral (U)	80	160	300
Stirring speed (rpm)	190	190	190
Blending Dia (mm)	140	200	200
Voltage (V)	3phass 380V 50Hz		
Dimension			
A (mm)	690	808	1010
B (mm)	1270	1400	1620
C (mm)	320	390	470
D (mm)	650	790	1010
E (mm)	200	200	200
Weight (kg)	72	92	128

Outline drawing



We reserve the right to change specifications without prapor notice.

Optional



Stainless steel made material pipe ensures no material contammnationand it is mounted at the blending barral's two sides to work with loading blower to load the mixed material automatically and facilitates the material conveying.



Vertical mixers

Introduction:

The TVM series of vertical mixers are for powder and granule-like materials. They feature simple structure, fast mixing speed, easy for operation, maintenance and cleaning. It is mainly applied in plastic material mixing, and also widely used in different industry, chemical industry and food industry. It is an ideal mixing facility with six models handling capacity ranging from 25 to 300 kg.

Features:

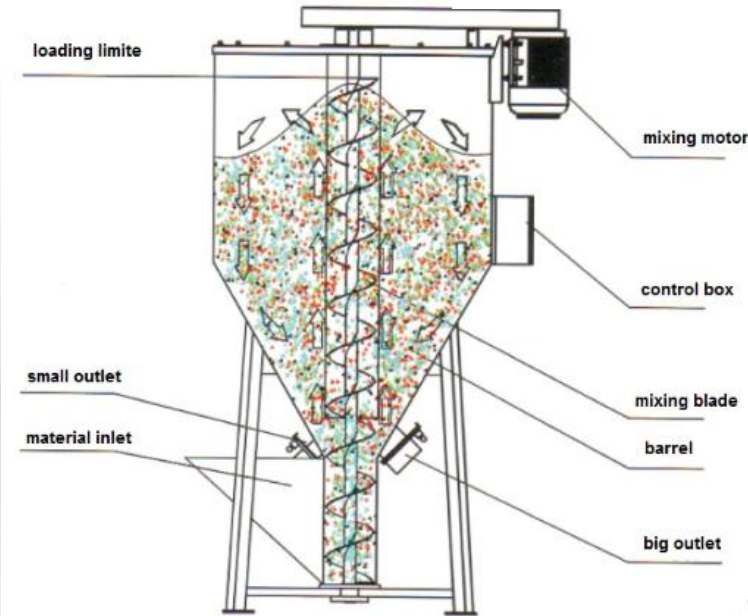
- Both mixing barrel and mixer are made of stainless steel and polished so has high brightness, easy to clean and absolutely no material contamination.
- Uniformly mixed, low power, high efficiency
- Material discharging outlet has a manual shut-off plate for easy material clearance.
- Auto stop device can be set within 0-300 hours.
- Safety device provides full protection for operator.
- Both the body and its stand are fully welded to ensure solid structure.

Horizontal mixers

The series of horizontal mixer are made of stainless steel and polished, so easy to clean and Anti-corrosive. Barrel can be inclined to 100 degrees for material discharging conveniently. Safety device provides full protection for operator. Optional 0-30 minutes of mixing.



立式拌料机 TVM-50



卧式拌料机 THM-100
Horizontal mixer



大型立式拌料机 (加热型)
Large-Scale vertical type Mixer

Specifications:

Vertical mixer:

model	motor power(kw)	speed of motor(r.p.m)	mixing capacity (kg)	dimension(mm)	net weight(kg)
TVM-25	0.75	80	25	650*700*850	90
TVM-50	1.5	80	50	800*750*1000	131
TVM-100	3	80	100	960*920*1225	201
TVM-150	4	80	150	1130*1060*1360	287
TVM-200	5.5	80	200	1250*1190*1350	313
TVM-300	7.5	80	300	1250*1190*1570	368

Large Vertical Mixer:

model	motor power(kw)	capacity(kg)	dimension(mm)	barrel material
TVM-500	2.2	500	1380*1300*2260	stainless steel
TVM-1000	4	1000	1520*1480*2900	stainless steel
TVM-2000	5.5	2000	1860*1900*3220	stainless steel
TVM-3000	7.5	3000	2020*2100*3850	stainless steel
TVM-5000	11	5000	2420*2500*4200	stainless steel

- Note:1) "*" Normal mixing time is 3 minutes;
 2)The largest noise level is 70dB(A);
 3)About loading capacity is based on pellet material of 0.65 in density and in diameter.
 4)voltage:3Φ, 400V, 50hz.

Large Horizontal mixer

Model No.	Power(kw)	Capacity(L)	Voltage	Dimensions (mm) D*W*H	Rotating speed	Net Weight (kg)
THM-100	2.2	100	3Φ 380V	1100*850*1300	63	285
THM-150	4	150	3Φ 380V	1400*850*1300	63	358
THM-200	5.5	200	3Φ 380V	1580*1000*1400	63	530
THM-300	7.5	300	3Φ 380V	1700*1088*1612	63	

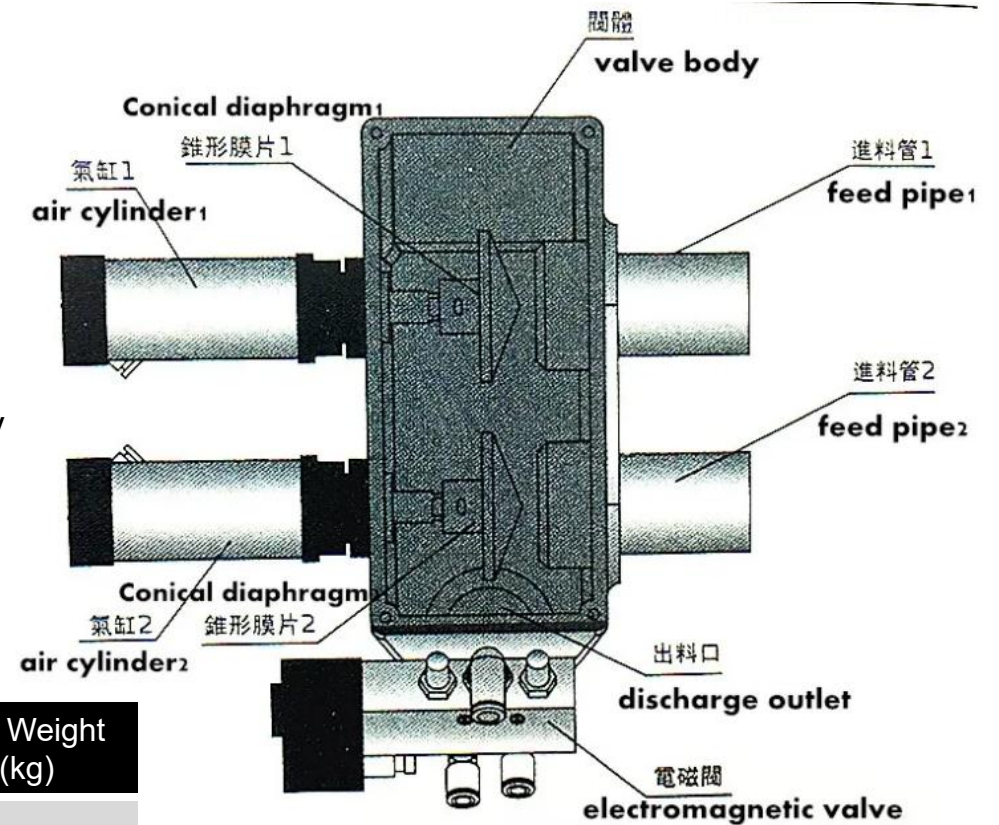


Proportional Valves

The TPV series of proportional valves mix regrind and new materials in a proper proportion, and then send them back to the process machine to achieve a proportional mixing and loading effect. It features directly mounted on loaders or mounted by the pipeline. Besides, it is applicable to loaders and equipped with control box to perform when in other situations.

Features:

- Classy appearance, easy installation and operation.
- Unique design of valve body, made material conveying more smoothly.
- The performance of solenoid valve is so stable that the air cylinder acts accurately to ensure a proportional mixing of new and regrind materials.
- Instant recycling the regrind materials to reduce the production cost.
- Microprocessor control intelligent and accurate
- Setting ratio of virgin and regrind.
- Attractive appearance, and easy to access

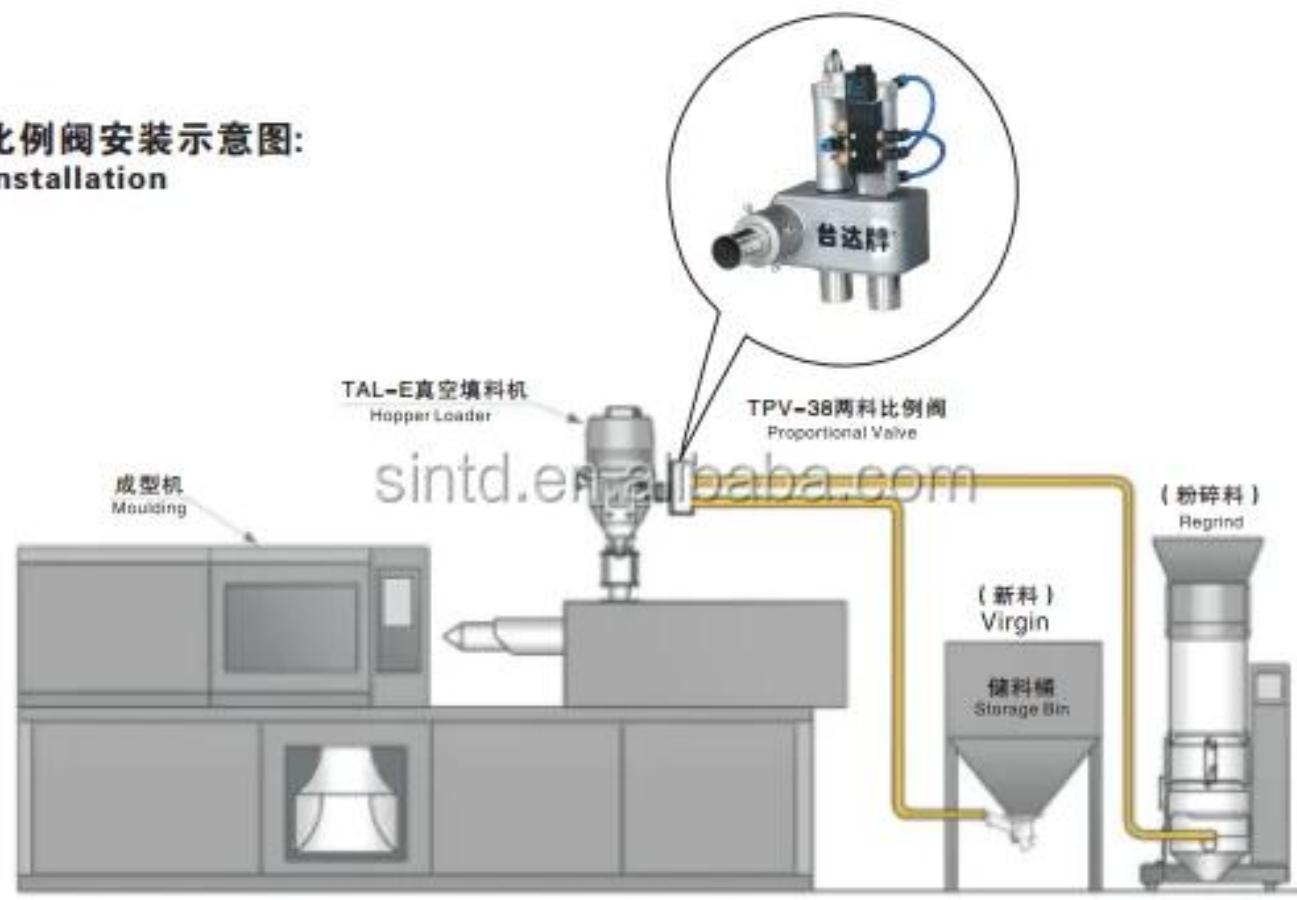


Model NO.	Compressed air	Driven way	Max. material flow	Pipe size	Dimensions H*W*D	Net Weight (kg)
TPV-38	3Kg/cm ² pressure-air	Air cylinder	350Kg/hr	38mm	226*150*164	3.5
TPV-50	3Kg/cm ² pressure-air	Air cylinder	550Kg/hr	50.8mm		5

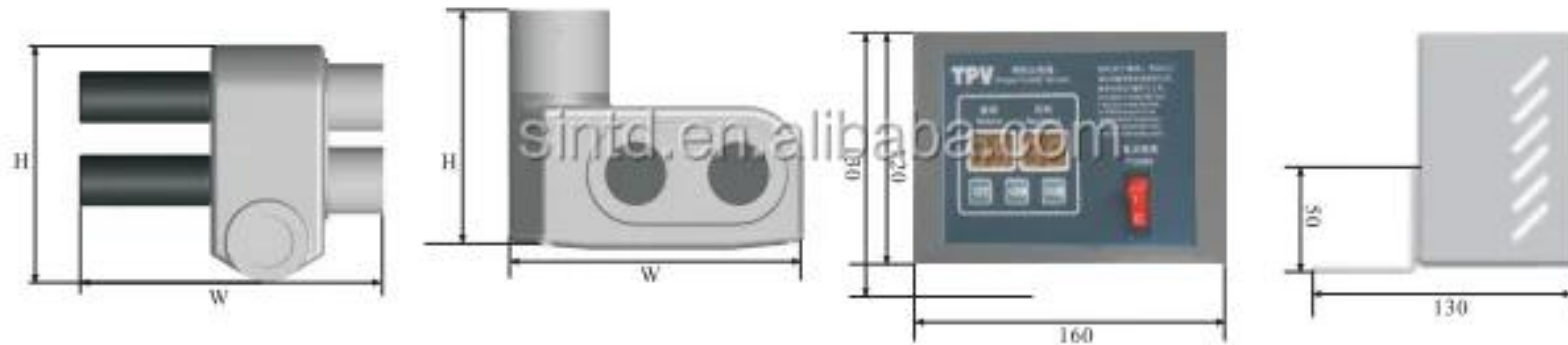
Voltage of the machine: 1Φ, 230V, 50Hz.

We reserve the right to change specifications without prior notice.

比例閥安裝示意圖:
Installation



Outline Drawing



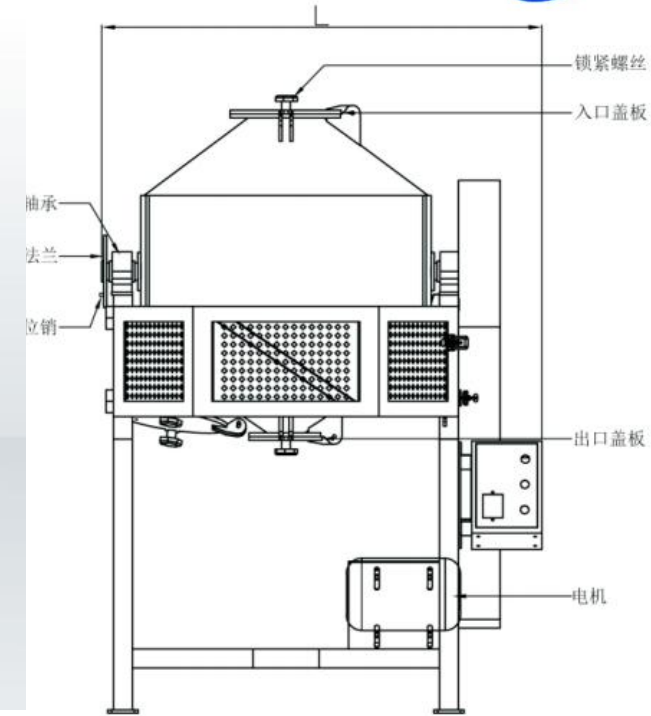
Rotary color mixer



- Pail made of imported stainless steel, robust welding shining surface, easy to clean.
- 360 degrees rotation & mixing allow random loading or unloading, very easy operation.
- Novel adoption of screen mesh protector, nice structure, elegant with functional and safe operation.
- Mixing timer able to set within 0~30 minutes

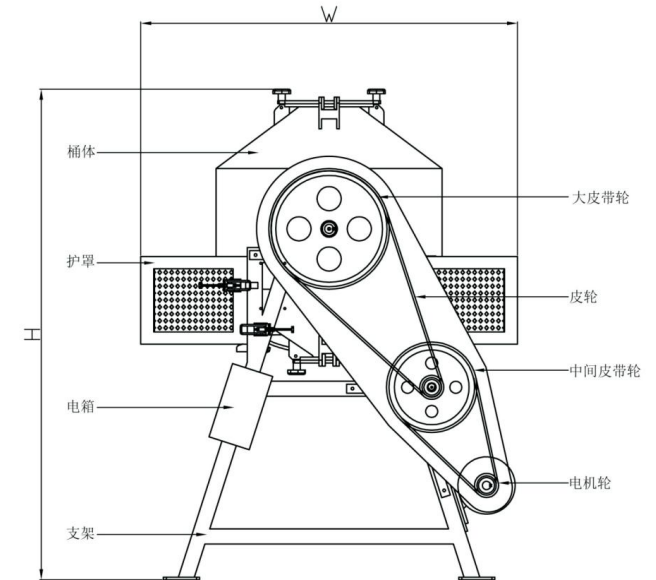


TRM-100



Model NO.	Power (kw)	Power (HP)	Capacity (kg)	Rotating speed (r/min)	Voltage (V)	Dimensions (mm) L*W*H	Net Weight (kg)
TRM-50	1.5	2	50	50	3Φ 380V	90*89*140	120
TRM-100	1.5	2	100	50	3Φ 380V	116*125*160	250

We reserve the right to change specifications without prior notice.



Vibrating Screen

Introduction:

TDLV series vibrating screen is to use centrifugal force generated by the motor vibration exciting force to be achieved. Exciting force and the material to be reciprocating sieve up and down, through the two-screen selection, effective aperture of the material in accordance with the screen divided into three kinds of thickness range of levels to achieve the desired screening effect.

Features:

- Exquisite and durable design, simple operation;
- Easy and convenient to clean up and change the meshes;
- Impurities and coarse materials are able to be expelled automatically, realizing automated operation;
- Fully stainless steel construction, ensuring material purity, less malfunctions, easy maintenance and convenient to repair;
- Light weight and base equipped with castor wheels, easy to move & place;
- The hole size of mesh is able to be customized apart from standard configuration.

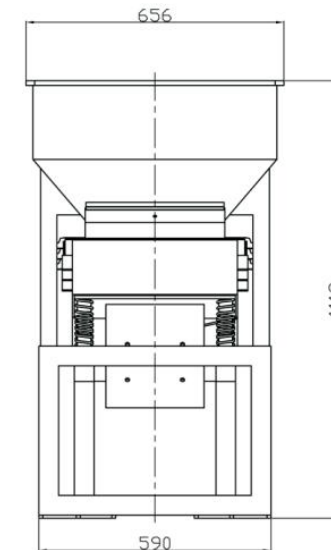
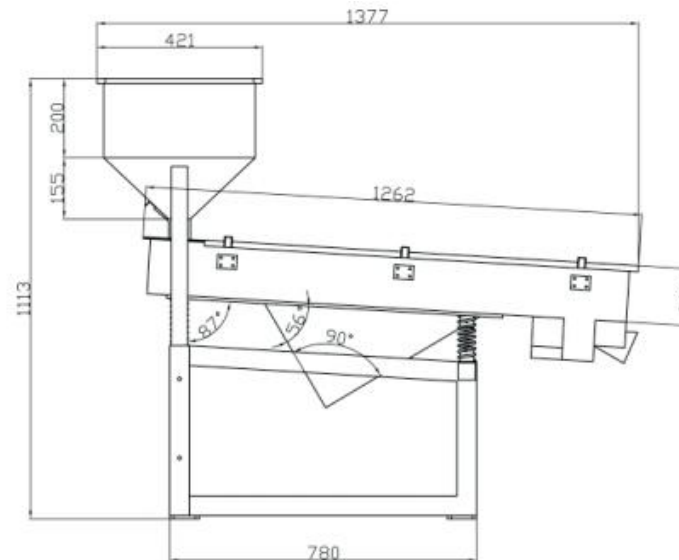
Specification

Model	TDLV-1300
Power (KW) /HP	0.37 ; 1/2
Max excited force	5
Screen dim	130*50
Numbers of tier	2
Dimension (mm)	738*1016*838
Hole dim	Upper $\Phi 6$ / lower $\Phi 3$

We reserve the right to change specifications without prior notice.



TDLV-1300



High speed Heating mixing machine

- Integrating of temperature, and time control, is convenient for setting various parameters.
- Mixing in Gastight chamber and double insulation device.
- The stainless steel tank, and shell, are easy to clean.
- Motor overload protection.
- Magnetization impurity separation can be performed (optional)



Large horizontal mixing machine

- Material Hopper and Rotary Blades are all stainless steel manufactured, easy cleaning, anti-rusted.
- Cycloidal reducer, long life and low noise .
- Two-way S type spiral blade, mixing materials quickly and evenly
- The visible window is on the top, easy to observe
- Mixing for any time from 0 to 30 minutes as timer set
- Special design for the protective door , easy for equipment maintenance, feeding more conveniently with a ladder.
- Can be customized heating or cooling type model.

