

YA

注塑机辅机产品系列
YIZUMI AUXILIARY

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THINK TECH FORWARD

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& ACCESSORIES

除湿干燥送料组合

ALL- IN ONE
COMPACT DRYER

(三机一体机)

YA-D 系列除湿干燥送料组合集除湿、干燥、二段送料三种功能于一体，广泛适用于各种塑料原料，尤其是吸湿性较强的工程塑料，如 PA、PC、PBT、PET 等。在理想的状态下露点可达到 -40℃以下，可提供稳定的低露点干燥空气，不会像双桶分子筛除湿机因分子筛老化而污染原料，该系列产品采用蜂巢转轮除湿机搭配下吹式全不锈钢欧化保温干燥料桶组合而成。全系列采用 LCD 触控式人机界面，提供露点计选配。

The YA-D series "All-in-One" compact dryers combine drying, dehumidifying, and two-stage conveying functions in a single unit. They are suitable for drying hygroscopic engineering plastic, such as PA, PC, PBT, PET, etc. It can provide stable low dew point dry air, and will not pollute the raw materials due to the aging of molecular sieve like a double-barrel molecular sieve dehumidifier. The whole series are composed of a honeycomb rotor dehumidifier and a downward-blowing full stainless steel Euro hopper dryer and adopted LCD touch controller with dew point indicator for option.

特点：

- ◎ YA-D 除湿干燥送料组合一律配备蜂巢转轮，可得到稳定性好的低露点干燥空气，造型分为半开放式与全密闭式二种；
- ◎ 集除湿、干燥、二段送料三种功能于一体，并可选择三段送料功能，保温式干燥料桶采用下吹风管设计，搭配旋风排气装置，防止热能散失，确保温度，提高干燥效率；
- ◎ 所有机器均搭配回路密闭的送料系统，可避免干燥后的原料因接触外界空气而再度受潮；
- ◎ 部分大型号除湿机采用双冷却器结构，确保更低回风温度及露点；
- ◎ 送料系统配备截料阀，确保料管中无残余原料；
- ◎ 该机配备 LCD 触控屏人机界面操作，集中方便，控温精度可达 ±0.1℃；
- ◎ 配备一周 24 小时定时功能，实现整机预约自动运行；
- ◎ 可选配露点计，随时监控露点；
- ◎ 可选配通讯功能，可实现自动化远程管理。

FEATURES

- ◎ YA- D series are equipped with honeycomb rotor to obtain stable low dew point dry air. Models are divided into semi-integraland full-integral as two types;
- ◎ Integrating three functions of dehumidification, drying, and two-stage feeding, with available option for three-stage feeding. The heat-insulated hopper dryer adopts downward blowing design and cyclone exhaust device to prevent heat loss, to ensure humidity and improve drying efficiency;
- ◎ All models are equipped with a closed loop feeding system, which can prevent the dried raw materials from being damp again due to contact with outside air;
- ◎ Adopting double cooler structure to ensure lower return air temperature and low dew point for the large models;
- ◎ Equipped with pneumatic shut-offvalve to ensure no material remains in the material line after each loading cycle;
- ◎ Industry-leading LCD display microcomputer controller, centralized operation and temperature control accuracy can reach ±0.1℃;
- ◎ Digital timing for 24 hours a week to realize automatic operation;
- ◎ Optional dew point meter, convenient for live monitoring of dew point;
- ◎ Communication function for remote automation management.



YA-D80L/50H

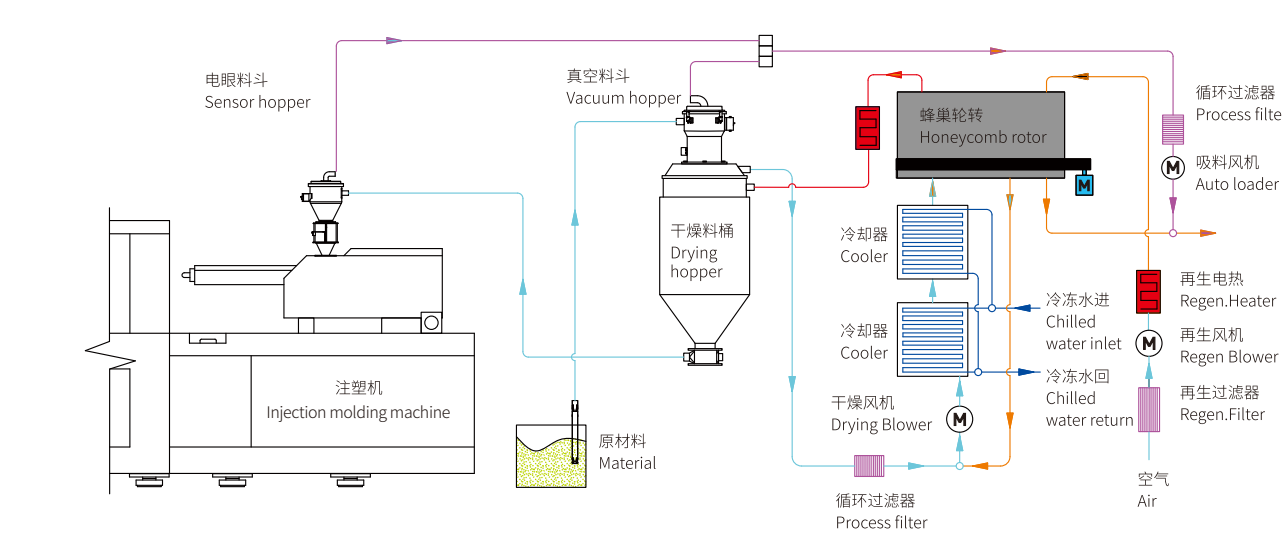
规格表(全密闭式) SPECIFICATIONS (FULL-INTEGRAL DESIGN)

型号 Model	YA-D40L/30H	YA-D80L/50H	YA-D120L/80H	YA-D160L/120H	YA-D230L/150H	YA-D300L/200H	YA-D450L/300H	
干燥系统 Drying System								
干燥电热功率 Process Heater Power (kW)	3	4	6	6	7.2	12	15	
干燥风机功率 Process Blower power (kW)	0.4	0.4	0.75	0.75	1.5	2.2	3.8	
保温料桶容量 Drying Hopper Capacity (L)	40	80	120	160	230	300	450	
除湿系统 Dehumidifying System								
再生电热功率 Regenerative Heater Power (kW)	3	3	3.5	3.5	4	5.4	7.2	
再生风机功率 Regenerative Blower power (kW)	0.4	0.4	0.4	0.4	0.4	0.4	0.75	
除湿风量 Dehumidifying Air Capacity (m³/hr)	30	50	80	120	150	200	300	
出风管口径 Air Outlet Pipe Diameter	2"		2.5"			3"		
送料系统 Conveying System								
送料风机功率 Conveying Blower Power (HP)	2HP							
吸料机配管长度 Diam.Convey Pipe (M)	φ 38*4M 4pcs (高温管 High temperature pipe)							
真空料斗 Vacuum Hopper (L)	7.5L (38/38)						12L(38/38)	
电眼料斗 Sensor Hopper (L)	7.5L (38/38)						12L(38/38)	
外形尺寸 Dimensions	一体式 All in one type							
	H (mm)	1700	1720	1820	1910	1940	2250	2350
	W (mm)	750	750	750	900	900	1030	1030
	L (mm)	1100	1100	1100	1320	1320	1450	1450
	净重 Net Weight (kg)	200	300	320	505	540	555	600

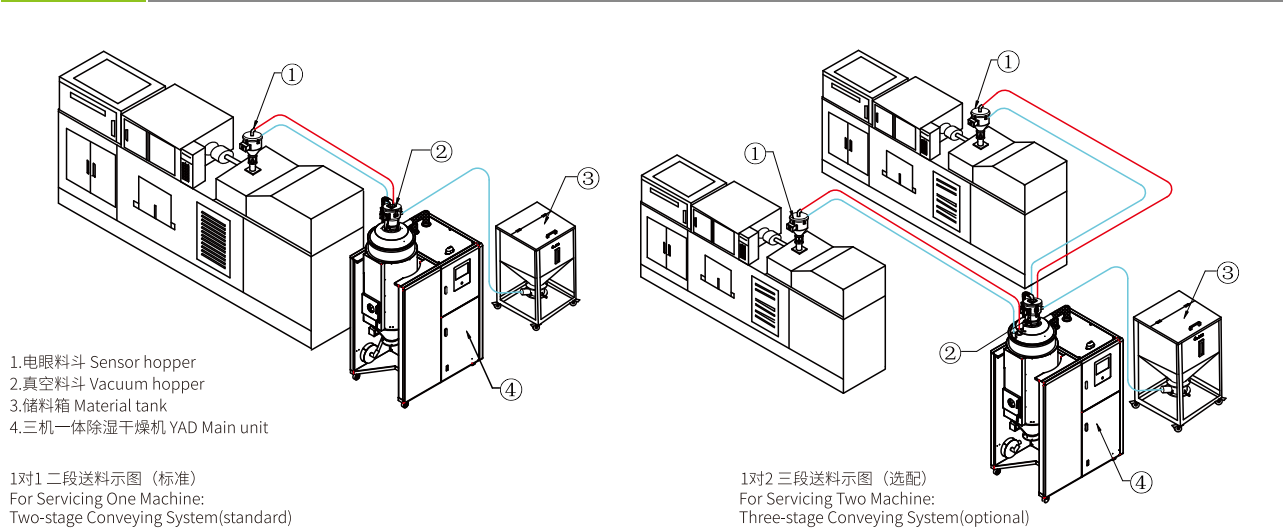
注: 1) 机器电压规格为：AC380V 3PH 50Hz。
NOTE: 1) Power supply: AC380V 3PH 50Hz

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

工作原理 WORKING PRINCIPLE



安装示意图 INSTALLATION DIAGRAM



规格表(半开放式) SPECIFICATIONS (SEMI-INTEGRAL DESIGN)

型号 Model	YA-D600L/400H	YA-D750L/500H	YA-D900L/700H	YA-D1200L/700H	YA-D1500L/1000H	YA-D2300L/1500H	YA-D3000L/2000H	YA-D4500L/3000H	YA-D6000L/4000H
干燥系统 Drying System									
干燥电热功率 Process Heater Power (kW)	18	18	24	24	36	36	48	72	96
干燥风机功率 Process Blower Power (kW)	3.8	5.5	5.5	5.5	5.5	7.5	5.5x2	7.5x2	11x2
保温料桶容量 Drying Hopper Capacity (L)	600	750	900	1200	1500	2300	3000	4500	6000
除湿系统 Dehumidifying System									
再生电热功率 Regenerative Heater Power (kW)	7.2	10	10	10	15	18	15x2	18x2	24x2
再生风机功率 Regenerative Blower Power (kW)	0.75	1.5	1.5	3	3	4	3x2	4x2	5.5x2
除湿风量 Dehumidifying Air Capacity (m³/hr)	400	500	700	700	1000	1500	2000	3000	4000
出风口口径 Air Outlet Pipe Diameter	4"		4"		5"	6"		8"	
送料系统 Conveying System									
送料风机功率 Conveying Blower Power (HP)	2HP		5HP	7.5HP		10HP		15HP	
吸料机配管长度 Diam.Convey Pipe (M)	φ 38*4M 4pcs (高温管 High temperature pipe)		φ 51*4M 4pcs (高温管 High temperature pipe)		φ 63*4M 4pcs (高温管 High temperature pipe)				
真空料斗 Vacuum Hopper (L)	12L(38/38)		24L (51/51 or 38)		24L(63/63 or 51)			24L(63/63 or 51)	
电眼料斗 Sensor Hopper (L)	12L(大杯 big type)(38/38)		(24L 欧式 /51/51 或 38 /44L Euro type)(51/51 or 38)		(24L 欧式: 63/63 或 51) (24L Eruo type, 63/63 or 51)			(24L 欧式 /51/51 或 38) (24L Eruo type)(51/51 or 38)	
外形尺寸 Dimensions									
分体式 (干燥机与除湿机间距 150mm) Separate Type (The distance between dryer and dehumidifier is 150mm)									
H (mm)	2350	2350	2530	2900	3350	3650	4530	5320	5400
W (mm)	1150	1600	1600	1600	1400	1400	1950	2350	2500
L (mm)	2150	2200	2400	2250	2600	2800	3800	4350	4550
净重 Net Weight (kg)	640	710	850	900	1160	1350	1950	2500	2950

注: 1) ""表示风机出风口接旁通阀； 2) 机器电压规格为：AC380V 3PH 50Hz； 3) D1500L/1000H及以上机型标配旋风集尘器，延长使用寿命。
NOTE: 1) "" stand for by-pass at blower air outlet. 2) Power supply: 3φ,380V,50Hz. 3) D1500L/1000H and above models standard with cyclone dust collector, longer service life.

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蜂巢转轮式除湿机 HONEYCOMB DEHUMIDIFIER

蜂巢转轮除湿机主要是用来对吸湿性较强的工程塑料进行高效率的除湿作业。采用的蜂巢转轮在理想的状态下露点可达到 -40°C 以下，可提供稳定的低露点干燥空气，不会像双桶分子筛除湿机因分子筛老化而污染原料。该系列产品提供多种风量型号选择，最大干燥风量可达 $4000\text{m}^3/\text{hr}$ 。

The honeycomb dehumidifying series are mainly used in drying engineering plastics especially those are easy to absorb moisture. The honeycomb rotor can provide stable -40°C or even lower dew point dry air but will not contaminate the raw materials due to the aging of molecular sieve like dehumidifiers with double-barrel molecular sieves. The series provides ranges of models with different air volumes for selection, and the maximum output can reach 4000m³/hr.

特点：

- ◎ 液晶显示微电脑控制器，温控精度可达 $\pm 0.1^{\circ}\text{C}$ ；
- ◎ 部分大型号系统采用双冷却器结构，确保更低回风温度及露点；
- ◎ 可同时搭配多个干燥料桶对原料进行除湿干燥作业；
- ◎ 内部装有回风过滤器，确保蜂巢转轮不受原料粉尘污染；
- ◎ 可选配露点计，方便实时监控露点；
- ◎ 可选配通讯功能，可实现自动化远程管理。

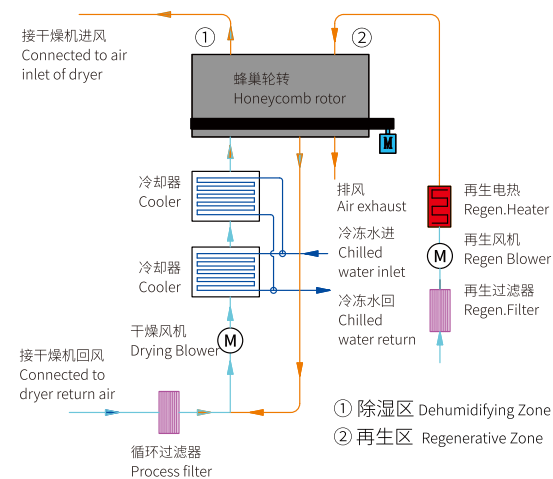
FEATURES

- ◎ LCD display microcomputer controller, temperature control accuracy can reach $\pm 0.1^{\circ}\text{C}$;
- ◎ For large models, double coolers are adopted to ensure the lower return air temperature and dew point;
- ◎ Applicable to multiple drying barrels for dehumidifying and drying raw materials;
- ◎ With internal return air filter to avoid dust from materials contaminating the honeycomb;
- ◎ Optional with dew point meter for real time monitoring dew point condition;
- ◎ Communication function optional for remote automation management.

湿度及含水率对照表 HUMIDITY AND MOISTURE CONTENT

露点 (°C) Dew point	相对湿度 (%) Relative humidity	含水率 Moisture content	
		PPM	%
20	100.00	23,072	2.307
+10	52.50	12,117	1.212
0	26.10	6,027	0.603
-10	11.20	2,574	0.257
-20	4.40	1,025	0.103
-30	1.60	378	0.038
-40	0.60	128	0.013
-50	0.20	39	0.004

工作原理 WORKING PRINCIPLE



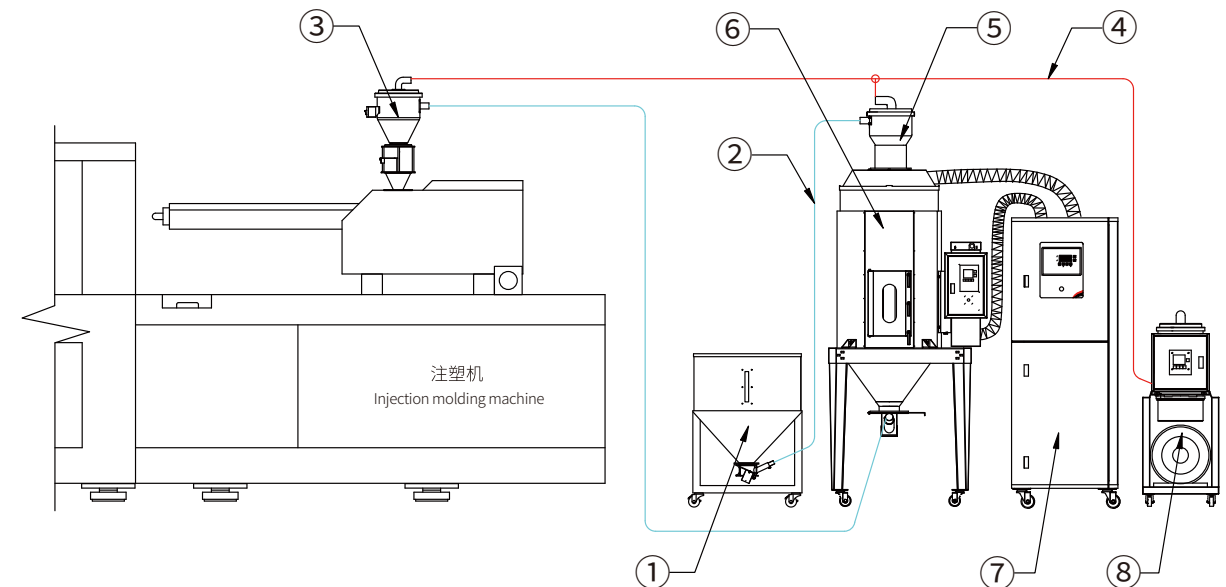
优质减速电机
Deceleration motor



蜂巢
Honeycomb rotor

安装示意图 INSTALLATION DIAGRAM

- | | |
|--------------------------|-------------------------------|
| ① 储料箱 Material tank | ⑤ 真空斗料 Vacuum hopper |
| ② 料管 Material pipe | ⑥ 干燥机 Hopper dryer |
| ③ 电眼斗料 Sensor hopper SVH | ⑦ 除湿机 Honeycomb dehumidifier |
| ④ 吸风管 Vacuum pipe | ⑧ 大功率吸料机 Separate auto loader |



技术参数 SPECIFICATIONS

型号 Model	YAD-30H	YAD-50H	YAD-80H	YAD-120H	YAD-150H	YAD-200H	YAD-300H	YAD-400H	YAD-500H	YAD-700H	YAD-1000H	YAD-1500H	YAD-2000H	YAD-3000H
干燥风量 (m³/hr) Process Air Flow	30	50	80	120	150	200	300	400	500	700	1000	1500	2000	3000
干燥风机功率 (kW) Process Blower	0.4	0.4	0.75	0.75	1.5	2.2	3.75	3.75	5.5	5.5	5.5	7.5	5.5×2	7.5×2
再生风机功率 (kW) Regen.Heater	0.4	0.4	0.4	0.4	0.4	0.4	0.75	0.75	1.5	1.5	3	4	3×2	4×2
再生电热功率 (kW) Regen. Blower	3	3	3.5	3.5	4	5.4	7.2	7.2	10	10	15	10×2	15×2	30
出入口之管径 (inch) Pipe Dia.	2"	2"	2.5"	2.5"	3"	3"	3"	4"	4"	4"	5"	6"	6"	8"
电压规格 Voltage	3Φ, 400V,50Hz													
外形尺寸 Dimensions														
H(mm)	1640			1710		1990			1960		2330		2270	
W(mm)	600			650		700			940		1300		2200	
D(mm)	800			900		1200			1600		1400		1950	
重量 (kg) Weight	125			140	215	225	240	280	290	300	400	510	620	760
冷却水管口径 Diameter of water pipe	3/4" 2×3/4" 2"×2 2"×2 2"×4 2"×4													
冷却水流量 Chilling water flow	100L/min				150L/min				200L/min			250L/min		

注：干燥电热为选配，需搭配干燥料桶使用。
Note: Process heater is optional to be used with a drying hopper.

除湿干燥组合

TWO IN ONE HONEYCOMB
DEHUMIDIFIER

YAD 系列由除湿、干燥两种功能为一体，广泛适用于各种塑胶原料，尤其是吸湿性较强的工程塑料，如：PA、PC、PBT、PET 等，采用的蜂巢转轮在理想的状态下露点可达到 -40℃ 以下，可提供稳定的低露点干燥空气。该系列产品采用蜂巢转轮除湿机搭配下吹式全不锈钢欧化保温干燥料桶组合而成。

The YAD series dehumidifying dryer combines a dehumidifying and drying system in a single unit. They are suitable for all kinds of plastics, especially for drying hygroscopic engineering plastics, such as PA, PC, PBT, PET, etc. The honeycomb rotor in the ideal condition can provide stable dry air at -40℃ or even lower dew point. This series is composed of a honeycomb rotor dehumidifier and a downward-blowing all-stainless steel Euro hopper dryer.

特点：

- ◎ 欧化除湿干燥组合配备蜂巢转轮除湿机，造型为半开放式，整体造型美观新颖；集除湿、干燥二种功能于一体，并可选择一对多个干燥桶的系统；
- ◎ 保温式干燥料桶采用特有下吹风管设计搭配旋风排气装置能提高干燥效率，并能防止热能散失，确保湿度；
- ◎ 部分大型号除湿系统采用双冷却器结构，确保更低回风温度及露点；
- ◎ 配备一周 24 小时定时功能，实现整机预约自动运行；
- ◎ 液晶显示微电脑控制器，控温精度可达 ±0.1℃；
- ◎ 可选配露点计，方便实时监控露点；
- ◎ 可选配通讯功能，实现自动化远程管理。



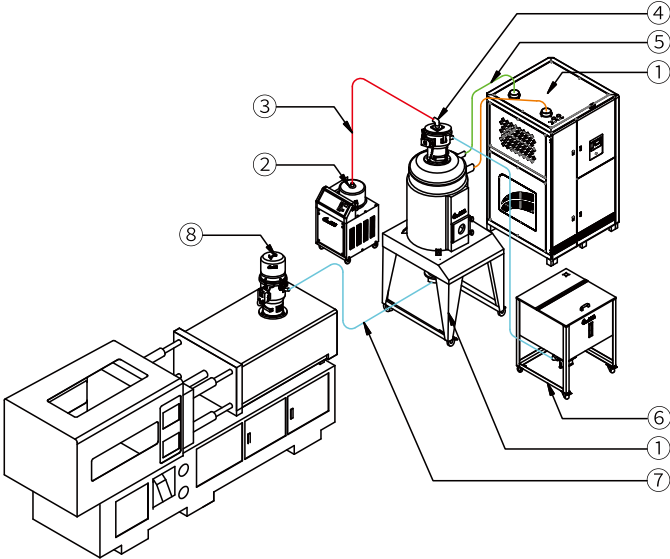
YA-D1500L/1000H

FEATURES

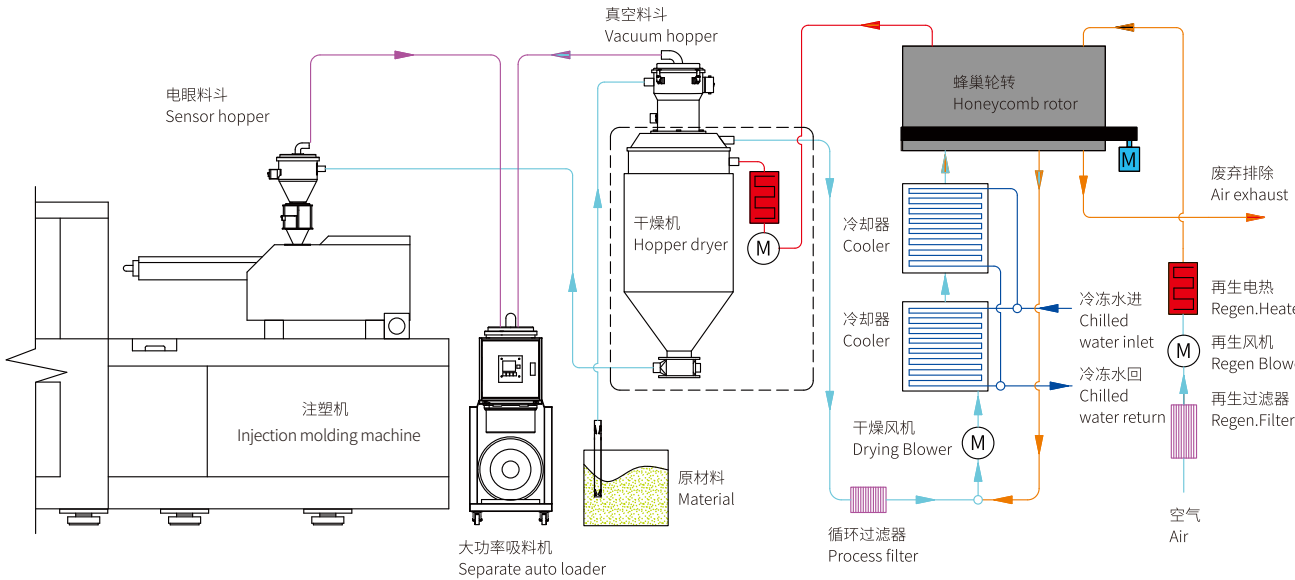
- ◎ Euro type dehumidifying dryer is equipped with a honeycomb dehumidifier,with semi-integral structure as clean and tidy exterior, combined dehumidifying and drying functions together. One dehumidifier is workable to multi hoppers;
- ◎ Insulated drying hopper adopts downward-blowing with cyclone exhaust device, improving the drying efficiency, preventing heat loss and ensuring dryness;
- ◎ Adopted double cooler structure to ensure lower return air temperature and low dew point for the large models;
- ◎ Digital timing for 24 hours a week to realize automatic operation;
- ◎ Industry-leading LCD display microcomputer controller, centralized operation and temperature control accuracy can reach ±0.1℃;
- ◎ Optional with dew point meter, convenient for live monitoring of dew point;
- ◎ Optional for communication function for remote automation management.

安装示意图 INSTALLATION DIAGRAM

- ① 除湿干燥组合 Compact dehumidifying dryer
- ② 分体式吸料机 Standard separate-vacuum hopper loader
- ③ 吸风管 Air suction pipe
- ④ 真空料斗 Vacuum hopper
- ⑤ 回风 Return air
- ⑥ 储料箱 Material tank
- ⑦ 吸料管 Material suction pipe
- ⑧ 欧化吸料机 Euro-auto loader



工作原理 WORKING PRINCIPLE



原材料干燥时间对照表 COMPARISON TABLE OF RAW MATERIAL DRYING TIME

原料 Raw Material	干燥温度 Drying Temp (°C)	干燥时间 Drying Time (hr)	比热 Specific Heat (Kcal/kg·°C)	堆积密度 Bulk Density	除湿前含水率 Moisture Content Before Drying	除湿后含水率 Moisture Content After Drying	干燥能力 Drying Capacity (kg/hr)													
							YAD-30H	YAD-50H	YAD-80H	YAD-120H	YAD-150H	YAD-200H	YAD-300H	YAD-400H	YAD-500H	YAD-700H	YAD-1000H	YAD-1500H	YAD-2000H	
ABS	80	2-3	0.34	0.6	0.3	0.02	11	18	27	35	71	105	180	210	285	355	425	710	1065	
CA	75	2-3	0.5	0.5	1	0.02	9	15	22	30	60	90	150	180	235	295	355	590	855	
CBA	75	2-3	0.5	0.5	0.8	0.2	9	15	22	30	60	90	150	180	235	295	355	590	885	
CP	75	2-3	0.6	0.6	1	0.02	11	18	27	35	71	106	180	210	235	355	425	710	1060	
LCP	150	4	0.6	0.6	0.04	0.02	8	13	20	27	55	80	135	160	210	265	320	530	800	
POM	100	2	0.35	0.6	0.2	0.02	16	27	40	53	105	160	265	320	425	530	640	1060	1600	
PMMA	80	3	0.35	0.65	0.5	0.02	11	19	29	38	77	115	192	230	307	383	460	767	1150	
IONOMER	90	3-4	0.55	0.5	0.1	0.04	7	11	17	22	44	66	111	133	177	220	265	442	663	
PA6/6.6/6.10	75	4-6	0.4	0.65	1	0.05	6	10	14	19	38	58	96	115	153	192	230	383	575	
	PA11	75	4-5	0.58	0.65	1	0.05	7	12	17	23	46	69	115	138	184	230	275	460	690
	PA12	75	4-5	0.28	0.65	1	0.05	7	12	17	23	46	69	115	138	184	230	275	460	690
PC	120	2-3	0.28	0.7	0.3	0.01	13	21	31	41	83	124	206	250	330	413	495	826	1238	
PU	90	2-3	0.45	0.65	0.3	0.02	11	19	29	38	77	115	190	230	307	383	460	767	1150	
PBT	130	3-4	0.3-0.5	0.7	0.2	0.02	9	15	23	31	62	93	155	186	248	310	372	620	930	
PE	90	1	0.55	0.6	0.01	<0.01	32	53	80	106	212	318	531	637	850	1062	1275	2125	3185	
PEI	150	3-4	0.3-0.5	0.6	0.25	0.02	8	13	20	27	53	80	133	160	212	265	320	530	800	
PET	160	4-6	0.55	0.85	0.2	0.05	8	13	19	25	50	75	125	150	200	250	300	500	750	
PETG	70	3-4	0.6	0.6	0.5	0.02	8	13	20	27	53	80	133	160	212	265	320	530	800	
PEN	170	5	0.85	0.85	0.1	0.05	9	15	23	30	60	90	150	180	240	300	360	600	900	
PES	150	4	0.7	0.7	0.8	0.02	9	15	23	30	60	90	150	180	240	300	360	600	900	
PMMA	80	3	0.65	0.65	0.5	0.02	11	19	29	38	77	115	190	230	310	385	460	765	1150	
PPO	110	1-2	0.4	0.5	0.1	0.04	13	22	33	44	88	133	220	265	355	440	530	885	1330	
PPS	150	3-4	0.6	0.6	0.1	0.02	8	13	20	27	53	80	133	160	212	265	320	530	800	
PI	120	2	0.27	0.6	0.4	0.02	16	27	40	53	105	160	265	320	425	530	640	1060	1600	
PP	90	1	0.46	0.5	0.1	0.02	26	44	66	88	180	265	442	530	710	885	1060	1770	2655	
PS(GP)	80	1	0.28	0.5	0.1	0.02	26	44	66	88	180	265	442	531	708	885	1062	1770	2655	
PSU	120	3-4	0.31	0.65	0.3	0.02	8	14	22	29	60	85	145	173	230	290	345	575	865	
PVC	70	1-2	0.2	0.5	0.1	0.02	13	22	33	44	90	135	220	265	355	442	530	885	1330	
PAN(AS)	80	1-2	0.32	0.5	0.1	0.05	13	22	33	44	90	135	220	265	355	442	530	885	330	
TPE	110	3	0.7	0.7	0.1	0.02	13	20	30	40	85	125	205	250	330	413	495	826	1238	

注：1. 使用独立的干燥料斗；
2. 在20℃的大气温度及65%的相对湿度下，干燥后其水份含量低于0.005%

NOTE: 1) Use separate drying hopper.
2) Moisture content lower than 0.005% after drying in 20℃ atmosphere and 65% relative humidity.

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

欧化干燥机

EURO-HOPPER DRYER

YAD 系列下吹式欧化料斗干燥机，料斗采用不锈钢制造，配备有“热气下吹”和“旋风排气”功能以及双层保温桶，特别适合搭配除湿机用来干燥工程塑料，该系列能提供多种装料容量供选择。

The YAD series are equipped with stainless steel, hot air downward-blowing, cyclone exhaust and double layer insulated hopper which are ideally suitable for drying engineering plastics with a dehumidifier and provides a variety of capacities for selection.

特点：

- ◎ 行业领先的液晶显示微电脑控制器，控温精度可达 ±0.1℃；
- ◎ 特有下吹风管设计，能均匀分散热风，保持塑料干燥，温度稳定，提高干燥效率；
- ◎ 有超温脱扣保护装置，可减少人为或机械故障所产生之意外；
- ◎ 双层保温设计，夹层采用优质加厚保温材料，可确保温度均匀，热损失更少，更节能环保；
- ◎ 原料接触部位均采用不锈钢制造，确保原料不受污染；
- ◎ 配备一周 24 小时定时功能，实现整机预约自动运行；
- ◎ 有欧化吸料盒、欧化型脚架、磁力架、磁力底座（铝型或不锈钢型）、风机入口过滤器、热风回收器、排风空气滤清器可供选配；
- ◎ YAD-3000U 以上标配护栏；
- ◎ YAD-600U 以下选配脚架；
- ◎ YAD-900U 以上标配立柱脚梯；
- ◎ 可选配通讯功能，实现自动化远程管理。

FEATURES

- ◎ Industry-leading LCD display microcomputer controller, temperature control accuracy can reach 0.1℃;
- ◎ Hot air down-blowing design ensures even distribution of hot air to maintain steady temperature in the hopper and increase drying efficiency;
- ◎ With over-temperature trip protection device, it can reduce accidents caused by man-made or mechanical failures;
- ◎ Double-layer thermal insulation design, the inter layer adopts high-quality thick thermal insulation materials, which can ensure even temperature and less heat loss, more energy-saving and environmentally friendly;
- ◎ The contact parts of the raw materials are all made of stainless steel to ensure that the raw materials are not polluted;
- ◎ Digital timing for 24 hours a week to realize automatic operation;
- ◎ Optional accessories: Euro suction box, Euro support frame, magnetic stand magnetic base (aluminum or stainless steel type), blower inlet filter, hot air recycling, exhaust air filter;
- ◎ Standard ladder for models above YAD-3000U;
- ◎ Optional frame support for models under YAD-600U;
- ◎ Standard stand frame for models above YAD-900U;
- ◎ Optional for communication function for remote automation management.

技术参数 SPECIFICATIONS

型号 Model	YAD-80U	YAD-120U	YAD-160U	YAD-230U	YAD-300U	YAD-450U	YAD-600U	YAD-750U	YAD-900U
干燥电热 Heater Power (kW)	4	4.5	6	9	12	15	18	18	24
风机 Blower (kW)	0.135	0.21	0.215	0.32	0.32	0.32	0.5	1.5	1.5
料桶容量 Hopper Capacity (L)	80	120	160	230	300	450	600	750	900
外形尺寸 Dimensions H×W×D (mm)	933x730x500	1175x730x505	1195x810x610	2010x720x1060	1980x790x1035	2335x790x1059	2425x1100x1330	2575x1110x1326	2600x1350x1453
脚架尺寸 Floor Stand H1×W×D (mm)	864x732x550	865x735x550	865x800x670	865x800x670	1015x950x790	1015x950x790	—	—	—
整体高度 Whole Height H2 (mm)	1510	1750	1725	2010	2080	2430	2425	2575	2600
吸料盒管径 Suction Box Diameter (mm)	Φ38 (选配 Optional)				Φ51 (选配 Optional)				
出风管口径 Air Inlet Pipe Diameter	2"	2.5"	2.5"	3"	3"	3"	4"	4"	4"
净重约 Approx.Net Weight (kg)	80	90	110	110	110	130	200	220	250

注：欧化干燥机允许最高干燥温度为 160℃。
NOTE: Allowable maximum drying temperature of YAD series dryer: 160℃.

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



YAD-7500U



YAD-300U

技术参数 SPECIFICATIONS

型号 Model	YAD-1200U	YAD-1500U	YAD-2300U	YAD-3000U	YAD-4500U	YAD-6000U	YAD-7500U
干燥电热 Heater Power (kW)	24	36	36	48	72	96	120
风机 Blower (kW)	1.5	2.2	3.7	3.7	5.5	7.5	11
料桶容量 Hopper Capacity (L)	1200	1500	2300	3000	4500	6000	7500
外形尺寸 Dimensions W×D (mm)	1172×1621	1204×1146	1415×1685	1455×1833	2250×1800	2900×1850	2325×1875
脚架尺寸 Floor Stand H1×W×D (mm)							
整体高度 Whole Height H2 (mm)	3140	3490	3630	4230	5320	5400	6010
吸料盒管径 Suction Box Diameter(mm)	Φ51 选配 Optional)		Φ63 选配 Optional)				
出风管口径 Air Inlet Pipe Diameter	4"	5"	6"	6"	8"	8"	8"
净重约 Approx.Net Weight (kg)	450	500	650	740	940	1210	2100

- 注：1) 内桶做抛光处理，机型后面加注 “P” ；

2) 改为180℃高温型，加完全保温料桶，机型后面加注 “HT” ；

3) 机器净重包含风机，但不包含脚架；

4) 机器电压规格为：AC380V3PH50Hz；

5) 标准最高加热温度：160℃。
- Note: 1) The inner barrel is treated with polishing and the back of the model is marked with "P".

2) Changed to a 180℃ high temperature model and a fully insulated material barrel is added. The back of the model is marked with "HT".

3) The net weight of the machine includes the fan blower, but excludes the floor stand.

4) The specifications of the machine voltage: AC380V3PH50Hz.

5) Allowable maximum heating temperature of YAD series dryer: 160℃.

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蜂巢转轮式模具除露机

MOLD DEHUMIDIFIER

YA-MD 系列模具除湿机主要应用在塑胶成型中，由于模具使用冷冻水来缩短成型周期而产生的结露问题，特别是适用于 PET 瓶胚射出。结露现象是模具表面温度低于周围环境空气的露点温度时就会产生水汽，进而影响到产品品质及生产效率，同时会腐蚀模具表面，进而造成环境污染。本机采用蜂巢转轮系统进行除湿作业，持续提供低露点干燥空气至成型机，不让模具产生结露现象，大幅降低不良率。

YA-MD series mold dehumidifiers are mainly applied in plastic molding, especially PET preform molding, to remove the moisture condensing issue on mold surface due to the use of chilled water for reducing molding cycle period. The issue occurs due to the temperature of mold surface is lower than the ambient and it would affect production quality and efficiency while harming the mold surfaces and even the environment. The series of mold dehumidifiers realize dehumidifying effect with honeycomb rotor and continuously provide low dew point dry air to the forming machines, hence the issue is prevented and the defect rate significantly reduced.

特点：

- ◎采用液晶显示微电脑控制器，具有再生温度设定与实际温度显示；
- ◎采用蜂巢式设计，确保一年四季长期除湿风干燥度稳定的输出；
- ◎具有马达超载及逆相报警功能；
- ◎具有回风冷却及过滤功能；
- ◎干燥风口标配冷却器，可以调节出风温度；
- ◎具有自动排水功能，可及时将凝结水排出；
- ◎可选配可拆式回风收集器，可实现密闭循环的应用，特别适合湿度较高的地区使用；
- ◎可选配露点计，方便实时监控露点；
- ◎可选配通讯功能，实现自动化远程管理。

FEATURES

- ◎LCD microcomputer controller monitoring regenerative and present temperatures;
- ◎Honeycomb rotor to provide constant full year dehumidified dry air;
- ◎Alarm function on motor overload and phase reverse;
- ◎Return air cooling and filtering are included;
- ◎Default with cooler at dry air outlet and available to adjust temperature;
- ◎Automatic function on draining condensation water in time;
- ◎Optional for detachable return air collector to realize closed-loop air circulation, especially for regions with high humidity;
- ◎Optional for dew point monitor for easy observation;
- ◎Optional for communication function for remote automation management.

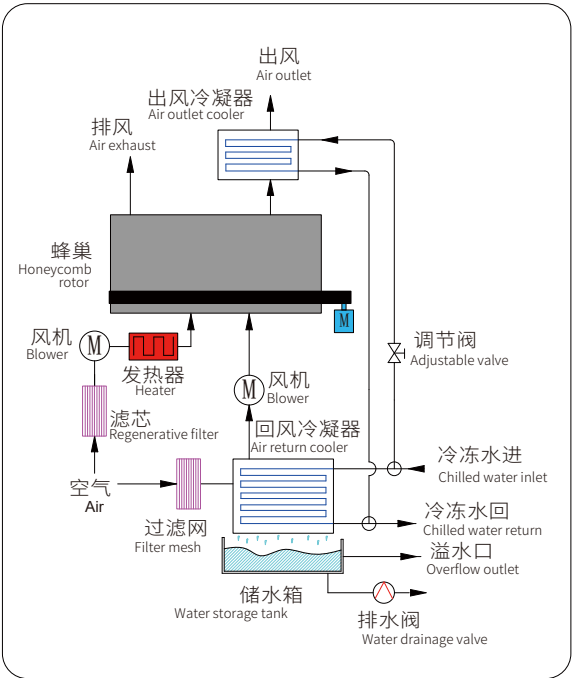
工作原理 WORKING PRINCIPLE

由干燥风机产生大风量的风，经过转轮蜂巢的吸湿后形成低露点的干燥风直接吹到成型机的模具上。由模具除湿机产生的低露点的空气使得模具周围环境空气非常干燥，一般露点≤5° C。在快速冷却模具时周围环境的温度快速下降，一般不会下降到 5°C，这样就可以使模具在快速冷却时周围不会产生露珠。

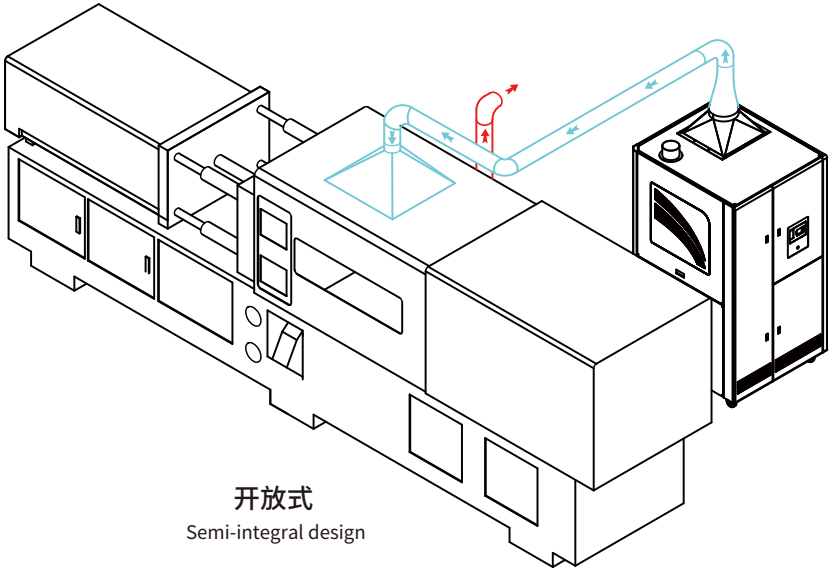
Through the honeycomb rotor moisture absorption, the air flow from drying blower reaches low dew point and directly goes to the mold of forming machine. The mold dehumidifier generated low dew point air makes the surrounding of mold very dry, usually dew point at 5 Celsius or lower. During rapid mold cooling, the surrounding air would quickly get cool but usually would not down to 5 Celsius, hence to keep cooling the mold without dewdrops occurring.



YA-MD1000H



应用示意图 APPLICATION DIAGRAM



技术参数 SPECIFICATIONS

型号 Model	YA-MD1000H	YA-MD2000H	YA-MD3000H
干燥电热 Heater Power (kW)	12	24	36
再生风机(kW) Regenerative Blower(kW)	0.37	0.55	0.75
干燥风机(kW) Drying Blower(kW)	1.5	2.2	3.7
干燥风量(m³/hr) Dry Air Flow(m³/hr)	1000	2000	3000
干燥风配管尺寸(Inch) Dry Air Tube(Inch)	8	10	10
再生风配管尺寸(inch) Regeneration Air Tube(Inch)	4	6	6
冷却器出口尺寸 Cooler Outlet	1.5"PT(内牙 Internal thread)	1.5"PT(内牙 Internal thread)	2"PT(内牙 Internal thread)
干燥风温度 (°C) Dry Air Temp. (°C)	≤16	≤16	≤16
露点温度 (°C) Dew Point Temp. (°C)	-10~+5	-10~+5	-10~+5
冷却水量 (L/min) Cooling Water Flow (L/min)	≥100	≥150	≥190
水压 (kgf/cm²) Water Pressure (kgf/cm²)	2-3		
外形尺寸 W×L×H (mm) Dimension W×L×H (mm)	1000×1130×1950	1500×1530×2485	1500×1530×2485
净重 (KG) Approx.N.G. (kg)	321	580	700

注： 1) 噪音≤90dB (A);
2) 开放式使用条件, 环境干燥温度≤35°C, 相对湿度≤70%;
3) 冷冻水需求温度: 7°C;
4) 机器电压规格: 3Ø, 380VAC, 50HZ。

Note: 1) Noise≤90dB (A).
2) Open use conditions: ambient drying temperature≤35°C, relative humidity≤70%.
3) Required cooling water temperature: 7°C.
4) Machine power standard: 3Ø, 380VAC, 50HZ.

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小型除湿干燥机

SMALL DEHUMIDIFICATION DRYER

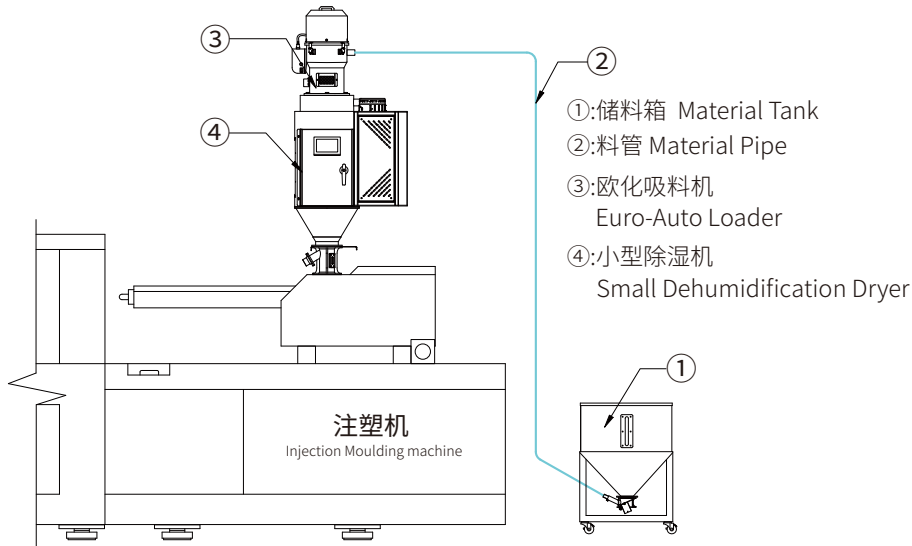
特点：

- ◎采用分子筛蜂巢转轮设计，理想状态下可提高稳定低露点 (≤-40℃) 的干燥空气；
- ◎内置多种常见原料工艺配方，只需要选择原料种类，系统自动设置干燥温度及风量；
- ◎自适应功能，设置温度后系统自动运行调节干燥风量及再生风量；
- ◎自动保温功能，当机器停止供料时，自动进入保温状态，节省能源，防止原料过度干燥的同时保障随时可以提供干燥原料；
- ◎双层保温设计，夹层采用优质加厚保温材料，可确保温度均匀热损失更少，更节能环保；
- ◎液晶显示微电脑控制器，控温精度可达 ±0.1℃，配备一周 24 小时定时功能，实现整机预约自动运行；
- ◎配备通讯功能，实现自动化远程管理；
- ◎可选配露点计，方便实时监控露点。

FEATURES

- ◎Adopted molecular sieve honeycomb runner design, it can improve dry air with stable low dew point(≤-40℃) under ideal conditions;
- ◎Built-in process formulas for various common raw materials; simply select the raw material type, and the system automatically sets the drying temperature and air volume;
- ◎Adaptive function: after setting the temperature, the system automatically adjusts the drying air volume and regeneration air volume;
- ◎Automatic heat preservation function: when the machine stops feeding, it automatically enters heat preservation mode,saving energy and preventing over-drying of raw materials while ensuring dry materials are always available;
- ◎Double-layer insulation design,interlayer is made of thickened insulation materials, can ensure uniform temperature, less heat loss, more energy-saving and environmentally friendly;
- ◎LCD display microcomputer controller,temperature control accuracy can reach ±0.1℃, equipped with a 24-hour timing function a week, realizing automatic operation of the whole machine by appointment;
- ◎Equipped with communication function to realize automated remote management;
- ◎Optional dew point meter to facilitate real-time monitoring of dew point.

工作原理 WORKING PRINCIPLE



技术参数 SPECIFICATIONS

型 号Model (YA-)	MDD20L/20H	MDD40L/20H	MDD80L/30H
干燥电热功率 Drying Electric Heating Power (kW)	1.2	1.2	1.5
干燥风机功率 Drying Blower Power (kW)	0.85	0.85	1.2
再生电热功率 Regen Electric Heating Power (kW)	1.2	1.2	1.5
再生风机功率 Regen Blower Power (kW)	0.18	0.18	0.18
除湿风量 Dry Air Capacity (m³/hr)	20	20	30
料桶容量 Hopper Volume (L)	20	40	80
电压 Voltage	230V/50HZ/1P		
设计干燥温度 Design Drying TEMP (°C)	140		
外形尺寸 Dimensions (mm)			
H	945	1020	1100
W	600	635	770
D	550	560	685

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节能干燥智能控制电箱

ENERGY-SAVING DRYING INTELLIGENT CONTROL ELECTRIC BOX

该产品可用于对市面上干燥机进行节能改造，只需要将现有电箱更换成节能智能控制电箱即可实现 30%-80% 的节能。

This product enables energy-saving retrofits for the market-available dryers, Just to replace the existing electrical cabinet with Intelligent Control Cabinet can achieve 30%-80% energy saving.

特点：

- ◎采用 PID 控制器，4.3 寸触摸屏显示实时工作状态；
- ◎高效节能，对比普通机型同等工况下可节能 30%-80%；
- ◎内置多种常见原料工艺配方，只需要选择原料种类，系统自动设置干燥温度及风量；
- ◎自适应功能，设置温度后系统自动运行调节风量；
- ◎自动保温功能，当机器停止供料时，自动进入保温状态，节省能源，防止原料过度干燥的同时保障随时可以提供干燥原料；
- ◎具有超温、低温报警保护功能；
- ◎采用 SSR 固态继电器控制；
- ◎具有超温脱扣功能，当干燥温度超过设定温度偏差值时，自动切断电源；
- ◎配备一周 24 小时定时功能，实现整机预约自动运行；
- ◎配备通讯功能，实现自动化远程管理。

FEATURES

- ◎Adpoted PID controller, the 4.3-inch touch screen displays real-time working status;
- ◎Highly efficient and energy-saving, compared with ordinary models, it can save 30%-80% of energy under the same working conditions;
- ◎With a variety of common raw material process formulas, only need to select the type of raw material, and the system automatically sets the drying temperature and air volume;
- ◎Adaptive function, the system automatically operate to adjust the air volume after setting the temperature;
- ◎Automatic heat preservation function, when the machine stops feeding, it will automatically enter the heat preservation state, saving energy, preventing over-drying of raw materials and ensuring that dry raw materials can be provided at any time;
- ◎With over-temperature and low-temperature alarm protection functions;
- ◎Adopt SSR solid-state relay control;
- ◎It has over-temperature trip function.when the drying temperature exceeds the set temperature deviation value, the power supply will be automatically cut off;
- ◎Timing function for 24 hours and weekly setting to realize automatic running;
- ◎Equipped with communication functions to realize automated remote management.

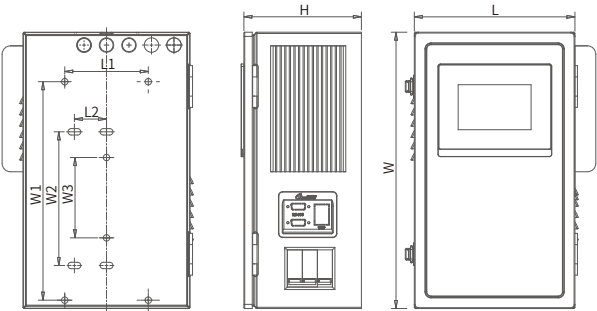
技术参数 SPECIFICATIONS

型号Model	YA-150ECH	YA-150ECH	YA-400ECH	YA-800ECH
最大电热功率 (kW) Maximum Electric Heating Power	10	10	18	27
最大风机功率 (W) Maximum Blower Power	0.6			1.5
电压 Voltage	220V/1P	380~460V/3P		
电箱外形尺寸 (mm) Dimensions W*L*H	430*250*200			430*280*200
电箱安装尺寸 (mm) Installation Dimensions L1*L2*W1*W2*W3	130*50*340*208*125			

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



结构简图 STRUCTURAL DIAGRAM



标准型干燥机 STANDARD HOPPER DRYER

特点：

- ◎ 采用高性能的热风扩散装置设计，确保温度均匀，提高干燥效率；
- ◎ 桶身及内部部件均采用不锈钢制造，确保原料不受污染；
- ◎ 精密压铸铝质外壳，表面光滑，保温性能好；
- ◎ 电热筒弯形设计，避免因原料粉屑堆积筒底而引起燃烧；
- ◎ 行业领先的液晶显示微电脑控制器，控温精度可达±0.1℃；
- ◎ 配备一周24小时定时功能，实现整机预约自动运行；
- ◎ 另有高温型和桶身双层保温型可供选择；
- ◎ 可选配热风回收系统使用，更节能环保；
- ◎ 可选配通讯功能，实现远程自动化控制。

FEATURES

- ◎ Adopting high-performance hot air diffusion device design to ensure uniform temperature and improve drying efficiency;
- ◎ The barrel and internal parts are made of stainless steel to ensure that the raw materials are NOT polluted;
- ◎ Precision die cast aluminum shell with smooth surface and good thermal insulation performance;
- ◎ Electric barrel bending design, to avoid combustion caused by raw material powder accumulation at the bottom of the barrel;
- ◎ Industry-leading LCD microcomputer controller with temperature control accuracy of ±0.1℃;
- ◎ Equipped with the 24-hour automatic timing device to realize automatic operation of the whole machine by appointment;
- ◎ Optional with high-temperature type and double-layer insulation type;
- ◎ Optional with hot air recovery system for use, which is more energy-saving and environmentally friendly;
- ◎ Optional for communication function for remote automation management.



YA-G50KG

标准型干燥机
Standard hopper dryer

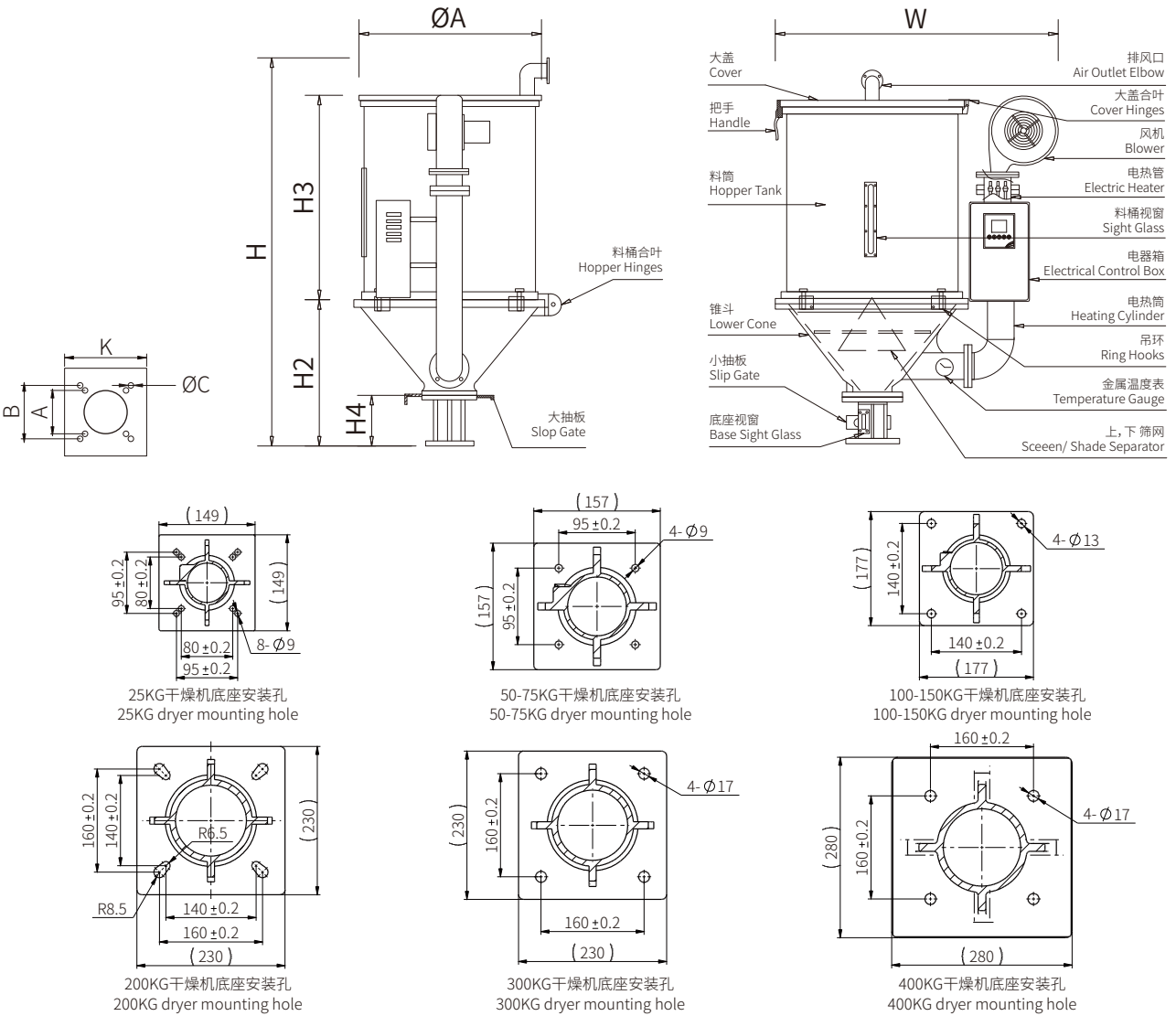


YA-GD100ES

双层保温型
Double layer insulation type

注：热风回收系统为选配
Note: Hot air recovery system is optional feature.

结构简图 STRUCTURAL DIAGRAM



技术参数 SPECIFICATIONS

型号 Model	容量kg Capacity	电热kW Heating Power	风机W Blower	外形尺寸(mm) Dimension							底座外形尺寸(mm) Base size K*K	安装孔尺寸 (mm) Mounting hole size ΦC×A/A/B*B	净重约(kg) Approx.Net Weight
				H	H2	H3	H4	ØA	W				
YA-G12KG	12	2.3	75	863	322	448	107	327	677	—	—	22	
YA-G25KG	25	3.5	135	978	399	443	159	387	726	149*149	8-φ9×80*80/8-φ9×95*95	34	
YA-G50KG	50	5	135	1153	474	543	157	462	835	157*157	4-φ9×95*95	45	
YA-G75KG	75	6	180	1254	470	648	157	535	905	157*157	4-φ9×95*95	56	
YA-G100KG	100	7	215	1320	536	648	173	602	1006	177*177	4-φ13×140*140	68	
YA-G150KG	150	10	320	1620	536	948	173	602	1006	177*177	4-φ13×140*140	78	
YA-G200KG	200	12	320	1725	607	933	192	747	1229	230*230	4-φ17×140*140/4-φ17×160*160	110	
YA-G300KG	300	15	320	2125	607	1333	192	747	1229	230*230	4-φ17×160*160	150	
YA-G400KG	400	18	410	1936	713	1038	205	900	1351	280*280	4-φ17×160*160	170	
YA-G500KG	500	19.5	410	2386	713	1488	205	900	1351	—	—	183	
YA-G600KG	600	24	1030	2355	815	1298	245	1050	1557	—	—	200	

备注：① 电压可选范围为220V~440V/50~60HZ/3P/。The optional voltage range is 220V~440V/50~60HZ/3P

② 保温型和节能型尺寸一致。Thermal insulation type and energy-saving type have the same size

③ 型号GD,D代表高温型干燥机。Model GD and D represent high-temperature dryer.

④ 以上装料量是以堆积密度约0.65KG/L, 直径为3-5mm塑料颗粒为准。above loading capacity is based on plastic particles with bulk density about 0.65KG/L and diameter 3-5mm.

- 注：1) 标准型干燥机允许最高干燥温度为120℃；
2) 高温干燥机允许最高干燥温度为140℃；
3) 机器电压规格: 机器容量12-25KG: AC220V1PH50Hz
≥50KG: AC380V3PH50Hz。
4) 以上容量是以堆积密度0.65kg/L为准。
- Note: 1) Allowable maximum drying temperature of YA-G series dryer: 120℃.
2) Allowable maximum drying temperature of YA-GD series dryer: 140℃.
3) The specifications of the machine voltage: Capacity 12-25KG: AC220V1PH50Hz
≥50KG: AC380V3PH50Hz
4) The capacities are based on data from bulk density 0.65kg/L.

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干燥机选购配件

ACCESSORIES OF HOPPER DRYER

储料箱：

◎ 可订制各种尺寸、形状不锈钢桶体。

MATERIAL STORAGE TANK

◎ Customized tank available for all sizes of S/S hopper.



型号 Model	外形尺寸(mm)WxDxH Dimensions	吸料盒管径(mm) Suction Dia.	箱体厚度(mm) Thickness
YAT-25KG	350x350x775	Φ38~Φ63	1
YAT-50KG	500x500x760		1
YAT-100KG	600x600x880		1
YAT-200KG	750x750x1090		1.5
YAT-300KG	850x850x1155		1.5
YAT-500KG	1050x1050x1330		2

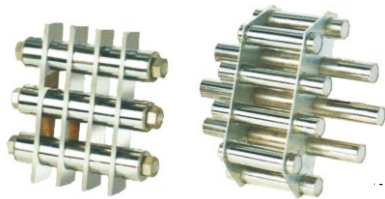
注：200kg及以下标配脚轮 (可根据客户提供数据定制)
Note: Model 25-200kg is standard with caster which
can be customized according to your need.

磁力架

◎ 放入锥斗底部，过滤掉参杂在原料中的铁质物件，
有多种结构形式以供选择。

MAGNETIC SEPARATOR

◎ Inserts at the lower cone bottom, filter out iron mixed with
raw materials, optional models available.

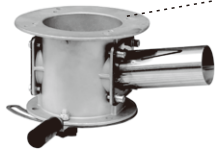


吸料盒：

◎ 配合脚架型干燥机使用，吸料顺畅、落料便利。

SUCTION BOX

◎ For standing type hopper dryer, easy for material suction and
discharge.



单管吸料盒
Single-tube Suction Box



双管吸料盒
Double-tube Suction Box



集尘器：

◎ 干燥机加装集尘器可避免塑料粒子四处飞扬，保持环境清洁。

DUST COLLECTOR

◎ Additional dust collector installed to avoid plastic
particles splashing and provide a clean environment.



脚架：FLOOR STAND

- ◎ 可制作各种特殊结构机架。
- ◎ Customized a variety of special structure frame for hopper dryer.

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中央供料系统 CENTRALIZED FEEDING SYSTEM

特点:

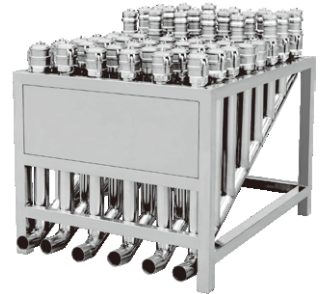
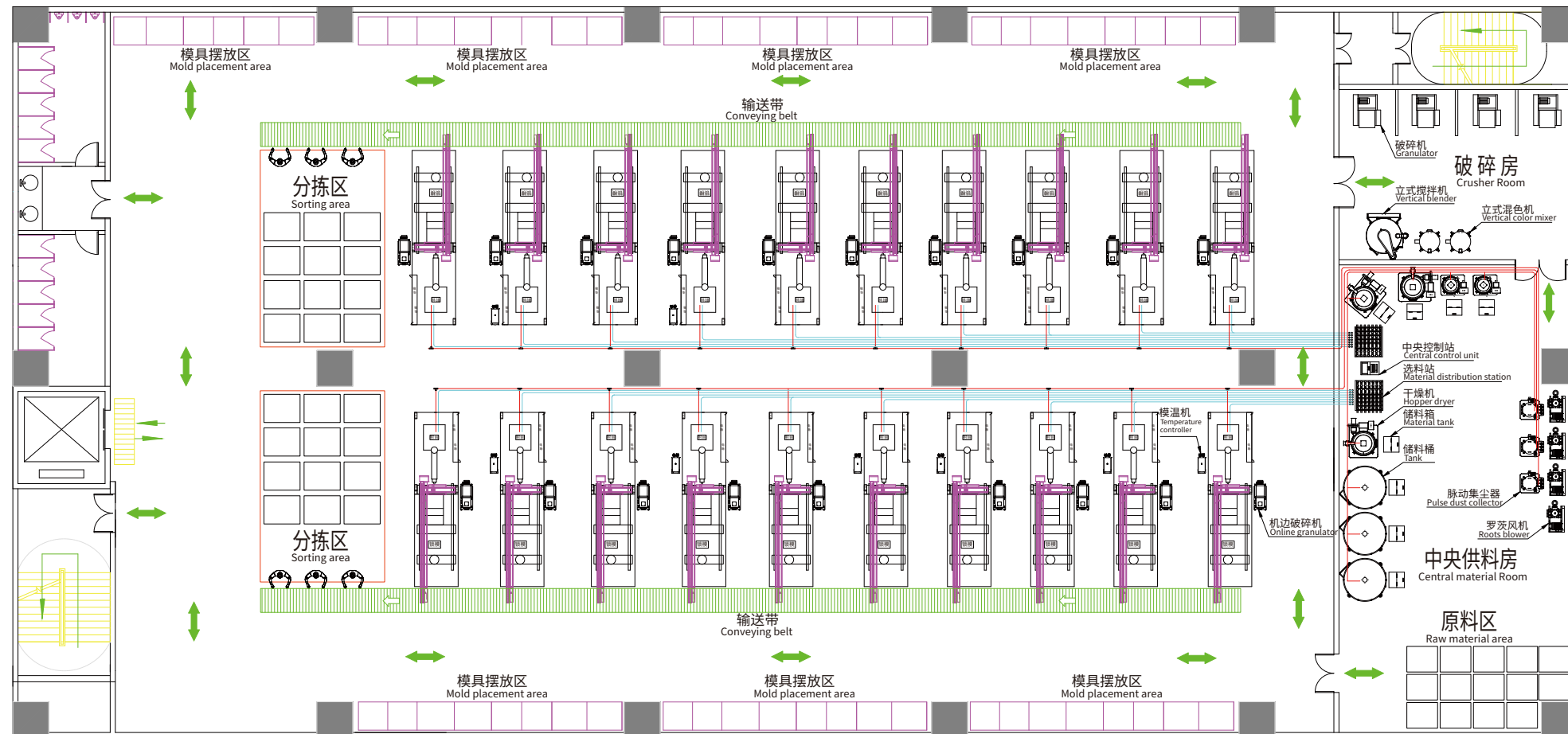
- ◎ 高效的生产流程;
- ◎ 整洁的生产场地;
- ◎ 灵活的现场管理;
- ◎ 生产成本大幅降低;
- ◎ 产品品质显著提高;
- ◎ 公司形象全面提升。

FEATURES

- ◎ Production procedure of high efficiency;
- ◎ Clean production locale;
- ◎ Flexible locale management;
- ◎ Great reduction in manufacturing cost;
- ◎ Evident quality improvement;
- ◎ Company image improvement.



脉动集尘器
Pulsation Dust Collector



原料分配站
Raw Material
Distribution Station



中央控制台
Central Control Unit



罗茨风机
Roots Blower

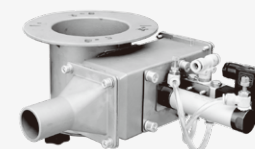


中央式电眼料斗
Central Sensor Hopper

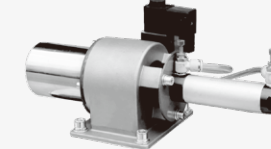


中央式磁簧料斗
Central Magnetic Hopper

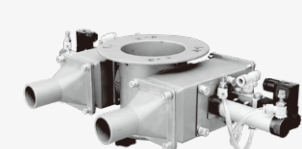
所有原料阀件均采用304铸造件
All raw material valves are made of SS304 castings.



单管抽空吸料盒
Single Tube
Suction Box



截风阀
AIR Shutoff Valve



双管抽空吸料盒
Double Tube
Suction Box



自动分料阀
Automatic Distributing
Valve

欧化吸料机/欧化光电吸料机

EURO-AUTO LOADER
EURO-PHOTOELECTRIC AUTO LOADER

特点：

- ◎ 采用碳刷式马达，转速高、风量大、体积小，整机移动方便，且易于安装；
- ◎ 线控式控制器，使用便捷，具有自动清洗功能；
- ◎ 具有马达软启动，碳刷消耗提示；
- ◎ 采用布质过滤网,配备自动喷洗除尘装置，配备滤网堵塞报警功能，延长马达使用寿命；
- ◎ 与原料接触的部分均采用不锈钢材质，确保原料在输送过程中不被污染；
- ◎YA-VAL300G:料斗和底座可以根据客户需求任意方向调节；
- ◎YA-VAL300G:采用磁簧开关控制,感应灵敏,运行稳定；
- ◎YA-VAL300G-E:采用玻璃料管搭配光电传感器,可有效侦测原料输送；
- ◎YA-VAL300G-E:料斗易于拆装,清理方便。

FEATURES

- ◎ Adopt carbon brush motor, high rotating speed, large air volume, small size, convenient to move and easy to install;
- ◎ Cable remote controller, easy to operate, with auto cleaning function;
- ◎ With soft starting-up of motor and reminder for carbon brush consumption;
- ◎ Adopted cloth type filter with auto spray cleaning dust removal device, and alarm for filter jamming, to extend the service life of the motor;
- ◎ All stainless steel contact parts, to ensure no pollution in material conveying;
- ◎ Hopper and bottom base can be adjusted by any direction;
- ◎ Adopt magnetic reed switch to control, sensitive induction and stable operation.

Note: Grinding, recycling material, or material with pigments, dust are not recommended to use this loader.

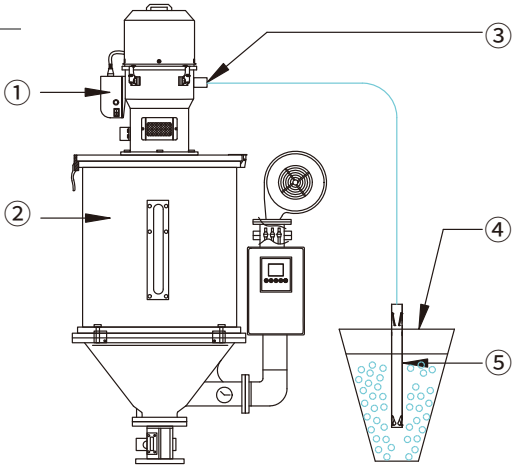
技术参数 SPECIFICATIONS

型号 Model		YA-VAL300G	YA-VAL300G-E
马达 Motor	型号 Type	碳刷式 Carbon Brush	碳刷式 Carbon Brush
	规格 Specification	1.1kW/1.3HP 1Φ	1.1kW/1.3HP 1Φ
输送能力 Conveying Capacity (kg/h)		300	300
吸料扬程 Loading Distance (m)		3.5	3.5
静风压 Static Wind Pressure (mm/H ₂ O)		1300	1300
储料桶容量 Reservoir Volume (L)		6	6
送料管内径 Conveying Tube Inner Diameter (mm)		Φ38	Φ38
配送料管 Specification Of the Attached Hoses (mm)		Φ38mm×4m 1pc	Φ38mm×4m 1pc
外形尺寸 Dimension, LxWxH (cm)		39×29×56	40×31×78
净重 Net Weight (kg)		14	11.5
电源 Power Supply		AC220V 1PH 50Hz	

注：在输送热料时（干燥机放置在地面时），料管需更换为耐160℃高温料管
Note: Heat-resistant (160℃) pipes should be used when conveying hot material.

安装示意图 INSTALLATION DIAGRAM

- ① 吸料机 Loader
- ② 干燥机 Hopper Dryer
- ③ 吸料口 Material Inlet
- ④ 料桶 Material Storage Tank
- ⑤ 吸料枪 Suction Tube



YA-VAL300G



YA-VAL300G-E

独立式吸料机

STANDARD SELF-CONTAINED
HOPPER LOADER

特点：

- ◎ 体积小、重量轻，可直接放置在干燥机或其他原料容器上，完成自动上料工作；
- ◎ 线控式控制器，使用便捷；
- ◎ 过载、缺料报警；
- ◎ 与原料接触的部分均采用不锈钢材质，确保原料在输送过程中不被污染；
- ◎ 400G采用感应式高压风机，具有逆转自动清除粉尘功能，噪音少、寿命长。

注：不适合有添加色粉的原料，或者粉碎料/回收料，或者粉尘较多原料

FEATURES

- ◎ With small footprint and low weight, available of being placed directly on other machines or containers for auto loading;
- ◎ Wire-controlled controller, easy to use;
- ◎ Alarm for overload and material shortage;
- ◎ Material contact parts are made of stainless steel to ensure that raw materials are NOT polluted during conveying;
- ◎ 400G adopts induction high-pressure motor, which has the function of reversing and automatically removing dust, with low noise and long life.

Note: Grinding, recycling material, or material with pigments, dust are not recommended to use this loader.

技术参数 SPECIFICATIONS

型号 Model		YA-X400G
马达 Motor	型号 Type	感应式 Induction
	规格 Specifications	0.75kW/1HP 3Φ
输送能力 Conveying Capacity (kg/h)		330
吸料扬程 Loading Distance (m)		4
静风压 Static Wind Pressure (mm/H ₂ O)		1400
储料桶容量 Reservoir Volume (L)		7.5
送料管内径 Conveying Tube Inner Diameter (mm)		Φ38
配料送管 Specification Of The Attached Hoses (mm)		Φ38mmx4m 1Pc
外形尺寸 Dimension, LxWxH (cm)		46x39x66
净重约 Approx.Net Weight (kg)		26
电源 Power Supply		AC380V 3P 50Hz

输送能力及吸料扬程参数以 ABS 材料测试得出；实际数值或因塑料比重、形状、输送长度、高度、管路特性、参数设定等因素的不同而有所改变。吸料机在输送热料时，料管需选配耐160℃度高温料管。
Conveying capacity and loading distance are tested by ABS material; actual data may be different by plastic proportions, shapes, loading lengths and heights, pipe conditions and parameter settings. For processing hot materials, heat-resistant (160℃) pipes are necessary.

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分体式吸料机

STANDARD SEPARATE- VACUUM
HOPPER LOADER

700G吸料机

700G HOPPER LOADER

特点：

- ◎ 主机与料斗分体设计，安全、简便；
- ◎ 采用高速碳刷式马达，体积小、吸力强；
- ◎ 独立滤清装置，方便清除积尘；
- ◎ 配备欧化不锈钢磁簧料斗，磁簧开关控制，感应灵敏，运行稳定；
- ◎ 微电脑操作全自动控制程序；
- ◎ 过载、缺料报警；

FEATURES

- ◎ Detachable design for main blower and hopper, easy to install, light and durable;
- ◎ Adopts high-speed carbon brush motor, small size, strong suction, suitable for conveying new materials;
- ◎ Individual filter device for easy dust cleaning;
- ◎ Default with euro type stainless hopper controlled by magnetic reed, sensitive and stable in running.
- ◎ Fully automatic controlled by microcomputer;
- ◎ Overload and material shortage alarms;



YA-X700G

810G吸料机

810G HOPPER LOADER

特点：

- ◎ 主机与料斗分体式设计，安装简单，轻便耐用；
- ◎ 独立式滤清装置，透明积尘罩，更方便观察过滤桶内积尘情况，方便及时清理积尘；
- ◎ 液晶显示微电脑控制器，各项参数均可调节，操作便捷，显示直观；
- ◎ 具有马达过载自动保护，缺料报警，自动反吹清网功能；
- ◎ 独立控制截料式吸料盒、两料比例阀及破真空阀；
- ◎ 标配欧化式磁簧感应料斗，感应灵敏，运行稳定；
- ◎ 采用感应式高压风机，噪音小、寿命长；
- ◎ 可选配通讯功能，实现自动化管理；

FEATURES

- ◎ Detachable design for main blower and hopper, easy to install, light and durable;
- ◎ Independent filter with transparent shell, easier to observe the dust accumulation in filter barrel.convenient to remind cleaning in time;
- ◎ LCD microcomputer controller with adjustable parameters, easy and convenient to operate;
- ◎ With protection functions as motor overload automatic protection, alarm for material shortage and automatically dust removing;
- ◎ Independent control for material-cutting, suction box, proportional valve and vacuum breaking valve;
- ◎ Default with euro type stainless hopper controlled by magnetic reed, sensitive and stable in running;
- ◎ Adopt induction high-pressure blower with low noise and long durability;
- ◎ Optional for communication function to realize automated management;



YA-X810G

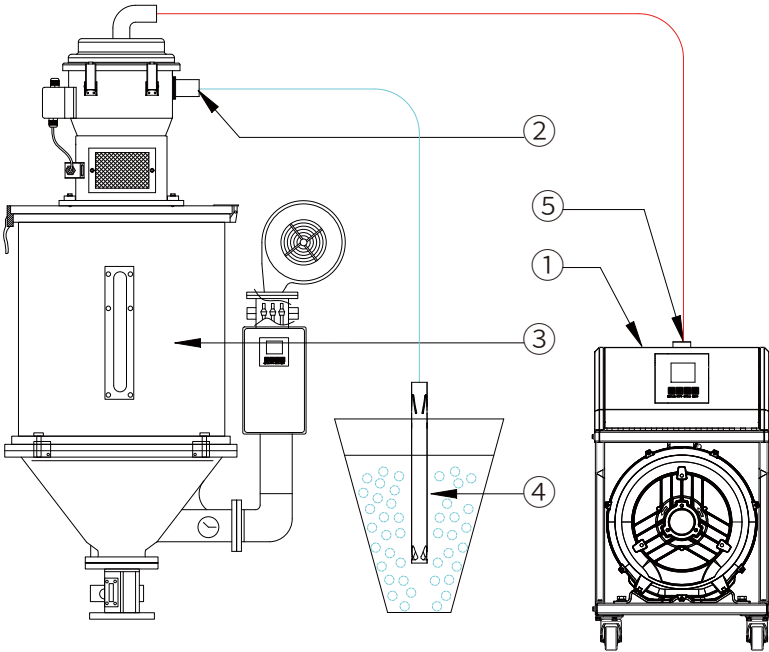


OR



安装示意图 INSTALLATION DIAGRAM

- ① 吸料机
Loader
- ② 吸料口
Material Inlet
- ③ 干燥机
Hopper Dryer
- ④ 吸料枪
Suction Tube
- ⑤ 吸风口
Air Inlet



技术参数 SPECIFICATIONS

型号 Model		YA-X700G	YA-X810G	YA-X810G2
马达 Motor (HP/kw)	型式 Type	碳刷式 Carbon Brush	感应式 Induction	感应式 Induction
	规格 Specification	1.1kW/1.3HP 1Φ	1.1kW/1.5HP 3Φ	1.5kW/2HP 3Φ
传输能力 Conveying Capacity (kg/h)		310	450	500
吸料扬程 Loading Distance (m)		4	4	5
静风压 Static Wind Pressure (mm/HzO)		1550	1800	2400
料斗容量 Hopper Volume (L)		7.5		
送料管内径 Conveying Tube Inner Diameter (mm)		Φ38		
配送管道 Specification Of The Attached Hoses (mm)		Φ38mmx8m1Pc		Φ38mmx10m1Pc
外形尺寸 Dimension(mm) DxWxH	主机 Main Frame	370x300x560	440x370x670	
	料斗 Hopper	380x280x450		
净重约 Approx.Net Weight (kg)	主机 Main Frame	26	48	48.5

输送能力及吸料扬程参数以 ABS 材料测试得出；实际数值或因塑料比重、形状、输送长度、高度、管路特性、参数设定等因素的不同而有所改变。吸料机在输送热料时，料管需选配耐 160℃高温料管。真空料斗需安装在干燥机或者过渡不锈钢料斗上；电眼料斗可直接安装在射台下料口处。

Conveying capacity and loading distance are tested by ABS material; actual data may differ by plastic proportions, shapes, loading lengths and heights, pipe conditions and parameter settings. For processing hot materials, Heat-Resistant (160℃) pipes are necessary.

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

大功率吸料机

HIGH-POWER
HOPPER LOADER

特点：

- ◎ 专门针对用料量大、输送距离长，有粉碎料和粉末的情况所开发的机型；
- ◎ 多种功率型号，配备多种送料管径以及多种料斗容量，以满足各种用料量需求；
- ◎ 具有马达过载保护，缺料报警，逆转自动清除粉尘功能；
- ◎ 行业领先的液晶显示微电脑控制器，各项参数均可调节，显示直观，操作便捷；
- ◎ 独特旋风桶和大型的粉尘隔离、收集系统采用先进的设计，维护方便快捷；
- ◎ 独立控制截料式吸料盒、两料比例阀及破真空阀；
- ◎ 5HP以上配备破真空阀，防止风机频繁启停，延长风机的使用寿命；
- ◎ 全系列配备欧化不锈钢磁簧料斗，磁簧开关控制，感应灵敏，运行稳定；
- ◎ 可选配通讯功能，实现自动化远程管理。

FEATURES

- ◎ Specially developed for the loading for materials as large amount, long distance, with crushed materials and powder;
- ◎ With multiple models, various tube and hopper sizes for different material conditions and demands;
- ◎ Safety functions as overload protection, phase sequence protection, automatic reverse running for dust removing;
- ◎ Industry leading LCD microcomputer controller with adjustable parameters, intuitive display and convenient operation;



YAAL-5HP

- ◎ Unique cyclone barrel and large dust isolation and collection system adopt advanced design, easy and fast to maintain;
- ◎ Independent control for material-cutting, suction box, proportional valve and vacuum breaking valve;
- ◎ ≥ 5HP default equipped with vacuum breaking valves to prevent frequent start and stop to prolong the service life of the motor;
- ◎ Whole series models default with euro type stainless hopper controlled by magnetic reed, sensitive and stable in running;
- ◎ Optional for communication function to realize automated management;

技术参数 SPECIFICATIONS

型号 Model	YAAL-1.5HP	YAAL-2HP	YAAL-3HP	YAAL-5HP	YAAL-7.5HP	YAAL-10HP	YAAL-15HP
马达 Motor (HP/kW)	1.5/1.1	2/1.5	3/2.2	5/3.75	7.5/5.5	10/7.5	15/11
输送能力 Conveying Capacity (kg/h)	450	500	590	820	1000	1300	1500
吸料扬程 Loading Distance (m)	5	5	5	5	6	6	6
静风压 Static Wind Pressure (mm/H ₂ O)	2800	2800	2800	3200	4200	4500	4500
储料桶容量 Storage tank Volume (L)	7.5	7.5	12	24	30	30	30
送料管内径 Conveying Tube Inner Diameter (mm)	Φ38	Φ38	Φ51	Φ51	Φ63	Φ63	Φ63
配料送管 Specification of The Attached Hoses (mm)	Φ38mmx8m 1Pc	Φ38mmx8m 1Pc	Φ51mmx10m 1Pc	Φ51mmx10m 1Pc	Φ63mmx12m 1Pc	Φ63mmx12m 1Pc	Φ63mmx12m 1Pc
外形尺寸 Dimension LxWxH (cm)	主机 Main Frame		50x42x109		69x52x144		99x85x142
	储料斗 Hopper		38x28x45	43x33x58	43x33x69	43x33x83	
净重约 Approx. Net Weight (kg)	56	56	68	81	137	152	168
电压 Voltage	AC380V 3PH 50Hz						

输送能力及吸料扬程参数以 ABS 材料测试得出；实际数值或因塑料比重、形状、输送长度、高度、管路特性、参数设定等因素的不同而有所改变。在输送热料时（干燥机放置在地面时），料管需更换为耐 160℃高温料管。

Conveying capacity and loading distance are tested by ABS material; actual data may differ by plastic proportions, shapes, loading lengths and heights, pipe conditions and parameter settings. For processing hot materials, heat-resistant (160℃) pipes are necessary.

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

一机多斗型吸料机

MULTI-STATION
HOPPER LOADER

特点：

- ◎ 一机拖多斗，节省设备配置，节约空间，可根据实际使用情况选配真空料斗或电眼料斗；
- ◎ 尤其适用干燥、供料一体化系统，简化系统结构，提高使用效率，方便操作；
- ◎ 配备自动喷洗除尘装置，可自动清理滤清器上的粉尘；
- ◎ 行业领先的液晶显示微电脑控制器，各项参数均可调节，显示直观，操作便捷；
- ◎ 独特旋风桶和大型的粉尘隔离、收集系统采用先进的设计，维护方便快捷；
- ◎ 5HP以上标配破真空阀功能，防止风机频繁启停，延长风机的使用寿命；
- ◎ 选配通讯功能，实现远程自动化管理。

FEATURES

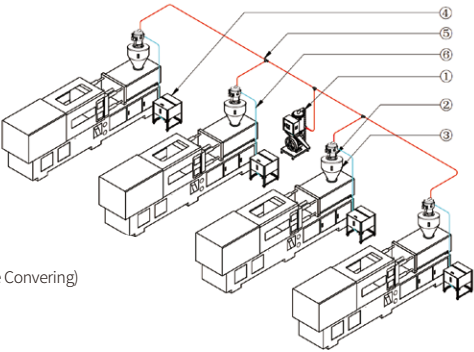
- ◎ One main machine controlling several hoppers to save cost and space; vacuum hoppers and sensor hoppers are alternative;
- ◎ Especially suitable for drying and feeding integrated system, simplifying system structure, improving service efficiency and convenient operation;
- ◎ Equipped with automatic spray cleaning dust removal device, which can automatically clean the dust on the filter;
- ◎ Industry leading LCD microcomputer controller with adjustable parameters, intuitive display and convenient operation;
- ◎ The unique cyclone barrel and the large-scale dust isolation and collectionsystem adopt advanced design, which is convenient and fast to maintain;Integrated control, easy and convenient to operate, install and trouble shoot;
- ◎ ≥5HP comes standard with vacuum breaking valve function to prevent frequent start and stop of blower, and extend the service life of blower;
- ◎ Optional with communication function to realize remote automatic management.

安装示意图 INSTALLATION DIAGRAM

- ① 吸料机 Auto loader
- ② 真空料斗 Vacuum Hopper
- ③ 缓存斗 Tank
- ④ 储料斗 Material Tank
- ⑤ 真空管 Vacuum Pipe
- ⑥ 料斗 Material Pipe

900G4吸料机应用（四段送料）

900G4 Application (Four-stage Convering)



技术参数 SPECIFICATIONS

型号Model	YA-XY900G2	YA-XY900G3	YA-XY900G4
马达 Motor (HP/ kW)	1.5/1.1	2/1.5	3/2.2
传输能力 Conveying Capacity (kg/ h)	440	500	590
吸料扬程 Loading Distance (m)	4	4	5
静风压 Static Wind Pressure (mm/ H ₂ O)	2400	2400	2400
储料筒容量 Storage Tank Volume (L)	7.5×2	7.5×3	12×4
送料管内径 Conveying Tube Inner Diameter (mm)	Φ38	Φ38	Φ38
配料送管 Specification Of The Attached Hoses (mm)	Φ38mm×5m 4Pcs	Φ38mm×5m 6Pcs	Φ38mm×5m 8Pcs
外形尺寸 Dimension DxWxH (cm)	50×55×109		
净重约 Approx. Net Weight (kg)	68	82	113

输送能力及吸料扬程参数以 ABS 材料测试得出；实际数值或因塑料比重、形状、输送长度、高度、管路特性、参数设定等因素的不同而有所改变。在输送热料时（干燥机放置在地面时），料管需更换为耐 160℃高温料管。

Conveying capacity and loading distance are tested by ABS material; actual data may differ by plastic proportions, shapes, loading lengths and heights, pipe conditions and parameter settings. For processing hot materials, heat-resistant (160℃) pipes are necessary.

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



一机多斗吸料机
Multi-station Hopper Loader



真空料斗
Vacuum Hopper



电眼料斗
Sensor Hopper

吸料机配件 LOADER ACCESSORIES



吸料枪
Suction Tube

吸料机标准配件，全不锈钢制作，使用方便

Standard item for hopper loaders, made by stainless steel, easy to use.



滤清器
Filter

在输送含粉料较多的原料时使用，以保障电机的正常运转，从而延长电机使用寿命

Used during the loading of powder materials to safeguard the motor from any damages so as to prolong the lifespan of the motor.

吸粉机 POWDER AUTO LOADER

本系列粉末送料器采用真空吸送原理，可将平均微粒直径 1000 目以内的各种粉末及颗粒原料从各种储料容器送至指定的设备。可与型材机组、配混系统、化工加工设备配套使用，完全代替人工加料，是粉末输送理想的环保设备。

The powder loaders in this series adopt vacuum suction, capable of transporting general particles and powders (with diameter within 1000 mesh) from storage into subject equipment. The loaders could be used for molding or forming machine, mixing system and chemical processing equipment, completely saving labor costs and being ideal environmental choice for power conveying.

特点：

- ◎ 采用高密度截尘过滤装置，强度高、截尘效果好、无污染；
- ◎ 该机具有工作时运转稳定、无噪音、无粉尘污染；
- ◎ 震动排料系统可防止粉末搭桥，使排料更流畅；
- ◎ 采用脉冲压缩空气反吹清理装置，气口“爆炸式”冲击滤面，清理效果好；
- ◎ 反吹时吸气口和吸料口自动关闭，无粉尘外泄，不污染环境；
- ◎ 采用一次吸料一次反吹清理，使送料效率更高，并可延长过滤装置的使用寿命；
- ◎ 可选配通讯功能，实现自动化远程管理。

FEATURES

- ◎ High density dust filter device is adopted, which has high strength, good dust interception effect and no pollution;
- ◎ The machine has stable operation, no noise, no dust pollution during work;
- ◎ Vibration discharge system prevents powder bypass and makes loading smoother;
- ◎ Adopted pulse compressed air reverse cleaning device, air explosive shock in filter surface makes good cleaning effect;
- ◎ During reverse cleaning process, air and material suction inlets will be shut to avoid pollution the environment;
- ◎ The system alternates between material loading and reverse cleaning, making loading more efficient and the filter devices more durable;
- ◎Optional for communication function to realize automated management.



注：此机可适用于1000目以内的没有粘性、干的粉末。
This loader can process dry and non-sticky powder within 1000 mesh.

技术参数 SPECIFICATIONS

型号 Model	输送能力 (kg/h) Conveying Capacity	料斗有效容量 (L) Hopper Practical Capacity	旋涡泵功率 (kW) Vortex Pump Power	旋涡电压 (V) Vortex Pump Voltage	吸气管直径 (mm) Suction Tube Diameter	吸料管直径 (mm) Absorb Tube Diameter
YA-XF5HP	400	40	4	220~440V/50-60HZ/3P	51	38/51
YA-XF7.5HP	600	40	5.5		63	51/63
YA-XF10HP	800	60	7.5		63	51/63
YA-XF15HP	1000	60	11		63	51/63

注: 1) 机器电压规格为: AC 380V 3P 50Hz。
NOTE: 1) Power supply: AC 380V 3P 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.

中央式吸料系统 CENTRALIZED FEEDING SYSTEM

特点：

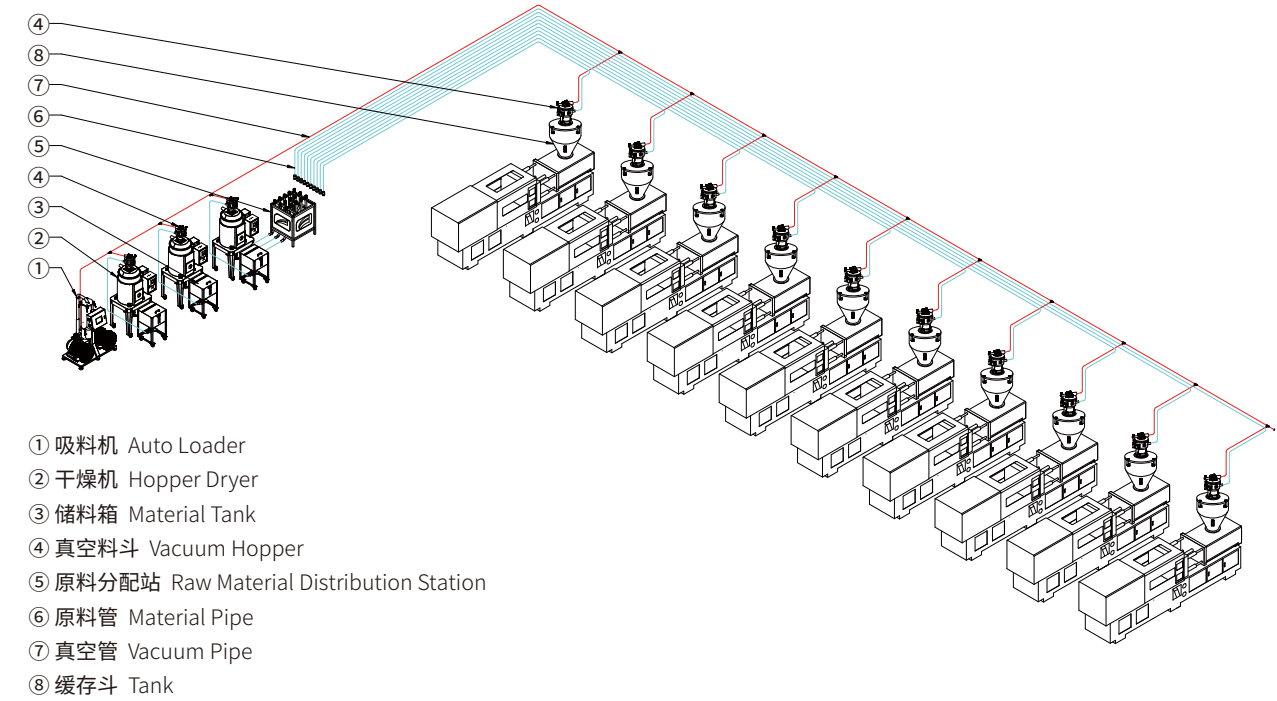
- ◎采用旋风过滤一体式设计，有效的减轻过滤器的负荷；
- ◎采用7"PLC控制触摸屏显示，状态显示直观，操作简便；
- ◎具有独立的截料输出功能，可直接控制最多12个截料阀；
- ◎搭配欧式中央不锈钢料斗，确保原料不受污染；
- ◎标配通讯接口以及声光报警装置；
- ◎主机配有自动喷洗装置，具有不停机自动清洗功能；
- ◎标配破真空分离阀，延长风机寿命。

FEATURES

- ◎Integrated design with cyclone filter to effectively reduce burden to the filter;
- ◎7" PLC touch screen display controller, with intuitive status display and easy operation;
- ◎With individual cutting output function and can directly control up to 12 material shut off valve;
- ◎Equipped with European-style central stainless steel hopper to ensure no contamination to raw materials;
- ◎Default with communication port and sound and light alarm device;
- ◎The main machine is equipped with an automatic spray cleaning device and has a non-stop automatic cleaning function;
- ◎Default equipped vacuum breaking separation valve to extend the life of the blower.



安装示意图 INSTALLATION DIAGRAM



强制下料斗

FORCED LOWERING HOPPER

强制下料斗是一种辅助下料装置，主要用在注塑机或挤出机上，当片料尺寸大，质量轻，进入注塑机机筒时因为架桥而导致下料困难，采用此装置可强行将片料挤入机筒，完成下料作业。

Forced lowering hopper is an auxiliary feeding device primarily used in injection molding machines or extruders. When the size of the sheet material is large and its weight is light, it may cause bridging difficulties when entering the barrel of the injection molding machine.This device can forcibly push the sheet material into the barrel, ensuring the completionof the feeding process.

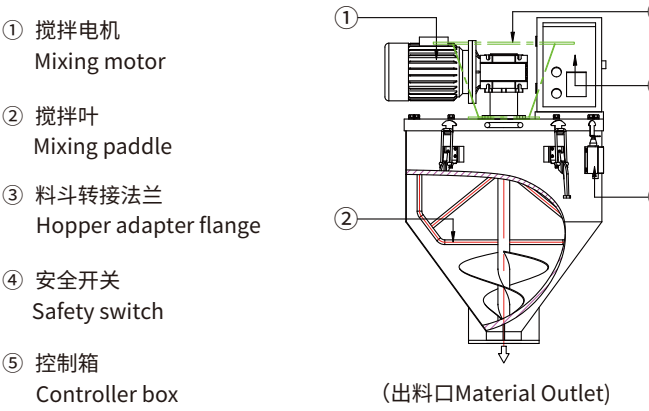
特点：

- ◎破架桥结构，下料口螺旋叶片设计，确保原料顺利进入机筒内；
- ◎原料接触面均采用不锈钢材料设计防止原料污染；
- ◎可选配变频器，可根据产量需求调节下料速度；
- ◎可拆式顶部零配件（桶盖、减速马达和螺杆），便于清理；
- ◎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；
- ◎配备转接法兰，可与吸料机搭配使用。

FEATURES

- ◎The broken bridge structure ,the screw paddle design of the discharge outlet ,ensure the raw materials enter the barrel smoothly;
- ◎Material contact surfaces are all designed with stainless steel, to prevent raw material polluted;
- ◎Optional frequency converter ,can adjust the discharge speed according to production requirements;
- ◎Removable top accessories (barrel cover, reduction motor and screw) for easy cleaning;
- ◎Equipped with main power switch and safety interlock protection device ,to ensure the safety of the operator and no damage to the machine;
- ◎Equipped with adapter flange, it can be used with auto loader.

结构简图 STRUCTURAL DIAGRAM



选配件：

- ◎当与干燥机搭配使用时可选配专用转接法兰；
- ◎阻旋式料位计做为高料位；
- ◎保温型，防止热能散失。

OPTIONAL ACCESSORIES

- ◎When used with dryer,the special adapter flange can be selected;
- ◎Paddle type material level meter is made of the high material level;
- ◎Thermal insulation type to prevent heat loss.

技术参数 SPECIFICATIONS

型号Model	搅拌点功率 (kW) Mixing motor power	容量 (kg) Capacity	转速 (r/min) Rotanging Speed	外形尺寸 (mm) WxDxH Dimensions
YA-BH50U	0.55	50	20-90	567*650*830
YA-BH75U	0.75	75	20-90	675*730*880
YA-BH100U	1.1	100	20-90	700*790*900

注： (1) 电压规格 :220V~460/50~60HZ/3P。
(2) 产品规格若有变更，恕不另行通知。
(3) 变频器工作范围 :15-60hz。

Note: (1) Voltage:220V~460/50~60HZ/3P.
(2) We reserve right to change specifications without prior notice.
(3) Frequency converter working range: 15-60hz.

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

太空包下料站

CONTAINER BAG
DISCHARGE STATION

特点：

- ◎对吨包袋物料进行卸料与输送，用于产线供料或者料仓加料；
- ◎采用遥控电机起吊方式；
- ◎底部下料斗有抽料型和送料型两种，抽料型配备吸料盒，送料型选配旋转定量下料阀。

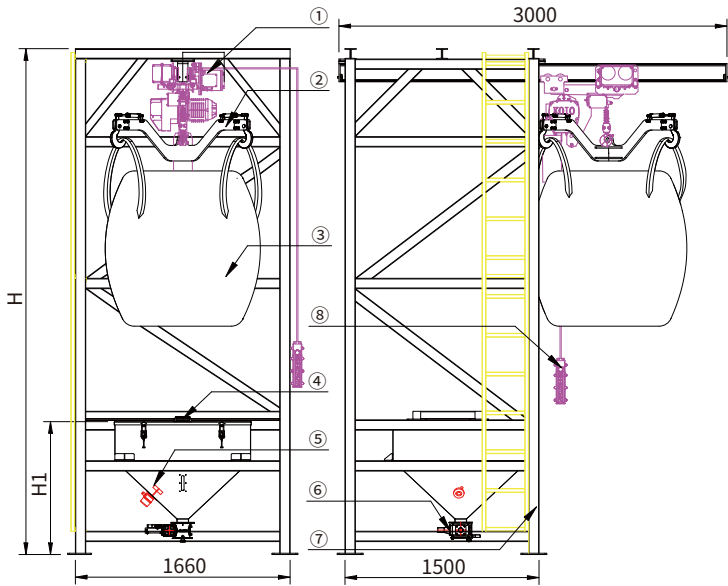
FEATURES

- ◎Used for discharging and conveying of materials from the container bag, used for production line feeding or silo feeding;
- ◎Using remote control motor lifting method;
- ◎The bottom hopper has two types: active or passive collecting. The active type is equipped with suction box, and the optional rotary quantitative discharge valve is for the passive type.



安装示意图 INSTALLATION DIAGRAM

- ① 电动吊机
Electric Crane
- ② 自动吊篮
Automatic Hanging Basket
- ③ 吨包袋
Tons of Bags
- ④ 手动投料盖
Manual Feed Cap
- ⑤ 料位开关
Material Level Switch
- ⑥ 吸料盒/旋转下料阀
SuctionBox/
Rotary Discharge Valve
- ⑦ 爬梯
Ladder
- ⑧ 手控制器
Hand Controller



技术参数 SPECIFICATIONS

型号Model	吊机功率 (kW) Crane power	起吊重量 (kg) Lifting weight	旋转定量下料阀功率 Rotary discharge valve power	储料箱容量 (L) Storage tank capacity	总高度 (mm) H Total height	投料口高度 (mm) H1 Feeding port height
YA-TKX-D	3	≤1500	—	600	3960	970
YA-TKS-D			1.1		4310	1320

注： (1) 电压规格 :220V~460/50~60HZ/3P。
(2) 产品规格若有变更，恕不另行通知。
(3) 标配无线手控器。

Note: (1)Voltage:220V~460/50~60HZ/3P.
(2)We resrve the right to change specification without prior notice.
(3)Equipped with wireless hand controller.

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

其它吸料辅助配件

OTHER HOPPER LOADER
EQUIPMENT AND AUXILIARIES

两料比例阀

Proportional Valve

特点：

本比例阀可配合吸料机或中央供料系统使用，可将新料和次料按所需比例送入后道工序，其主体由不锈钢材料制作，经久耐用，精心设计、制作精良、无死角、免清料，确保原料顺畅输送，避免原料在输送过程再次污染。两料比例由微电脑控制，计量正确。

FEATURES

This valve can be used with auto loader or central feeding system. It can send new material and recycled material into the subsequent process in the required proportion. The main body is made of stainless steel, durable, well-designed, well-made, no dead ends, no need to clean, to ensure the smooth transportation of raw materials, and avoid the raw materials being polluted again during the transportation process. The ratio of the two materials is controlled by a microcomputer, and the measurement accuracy is ensured.



技术参数 SPECIFICATIONS

型号Model	运输能力(kg/h) Conveying capacity	接口尺寸 (mm) Tube dimensions	空气压力 (Kgf/cm2) Air pressure	外形尺寸 (mm) Dimensions
YA-BH500	500	Φ38	≥3	260x150x180
YA-BH800	800	Φ51	≥3	305x170x220

真空料斗和电眼料斗

Vacuum hopper and Sensor hopper

特点：

◎ 真空料斗采用高级灵敏度磁簧感应开关，保证原料的及时供应，避免生产中断；

◎ 电眼料斗采用对射式光电开关，可准确控制送料（保证原料的及时供应，避免中断发生）。

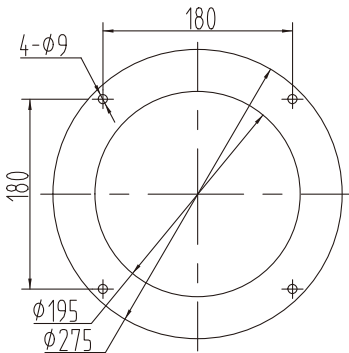
FEATURES

◎ Vacuum hopper adopts highly sensitive magnetic reed switch to ensure timely material supply and stable operation;

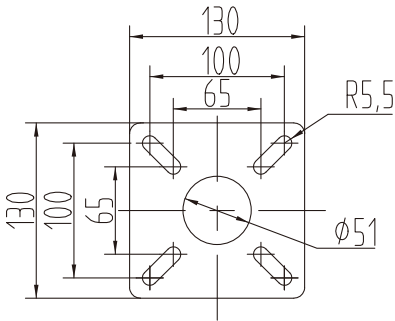
◎ Sensor hopper adopts opposite photoelectric switch which can have an accurate on feeding, ensuring timely and stable material supply.



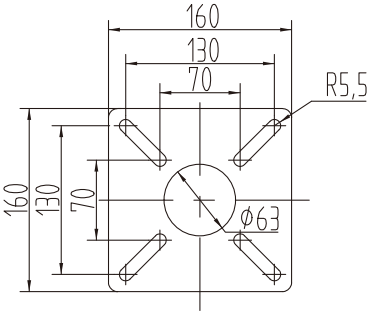
底座安装尺寸示意图 BASE MOUNTING DIMENSIONS



3.5L/7.5L/12L/24L/30L 真空料斗
3.5L/7.5L/12L/24L/30L Vacuum hopper



3.5L/7.5L/12L 电眼料斗（默认小底座）
3.5L/7.5L/12L Sensor hopper (small base)



24L/30L 电眼料斗（默认大底座）
24L/30L Sensor hopper (large base)

水式/油式模温机

STANDARD WATER TEMPERATURE CONTROLLER
STANDARD OIL TEMPERATURE CONTROLLER

特点：

- ◎ 温控范围：水式加热温度可达 120℃,油式加热温度可达 200℃；
- ◎ 行业领先的液晶显示微电脑控制器，显示实测温度和设定温度，操作简单易懂，温度误差在 ±0.1 度，恒温时间长，效率高；
- ◎ 具有开机自动排气、关机自动降温、热电偶断偶报警、电源缺相、安全泄压、异 / 缺相保护、过热保护、缺水 / 油等保护功能；
- ◎ 加热桶和主管道均采用 SUS304 不锈钢无缝管，耐腐蚀，不漏（水）油，寿命长；
- ◎ 配备一周 24 小时定时功能，实现整机预约自动运行；
- ◎ 可选配回油型，可方便快捷地实现传热油的回收；
- ◎ 可选配通讯功能，实现自动化远程管理；
- ◎ 采用 SSR 固态继电器控制 (适用于水电分离模温机)；
- ◎ 采用非接触式加热器，电热管使用不受水质影响 (适用于水电分离模温机)。

FEATURES

- ◎ Temperature control range: water heating temperature can reach 100°C, oil heating temperature can reach 200°C;
- ◎ Advanced microcomputer LCD controller can display both the actual temperature and set temperature, easy to operate with accuracy ± 0.1, Celsius and long continuity and high efficiency;
- ◎ Protective devices: auto-exhaust by start-up and auto-cooling by turn-off, thermocouple disconnection alarm, anti-phases, safety relief, water pump rotection, overheat and oil shortage;
- ◎ SUS304 stainless steel seamless heating barrel and main pipelines can ensure corrosion-resistant, no leakage and long working lifetime;
- ◎ Digital timing for 24 hours a week to realize automatic operation;
- ◎ Optional for oil return type to recycle heat transfer oil conveniently and quickly;
- ◎ Optional for communication function for remote automation management;
- ◎ Adopt SSR solid-state relay control (applicable to water-electricity separation mold temperature controller);
- ◎ Adopt non-contact heater, the use of electric heating tube is not affected by water quality (applicable to water-electricity separation mold temperature controller).

技术参数 SPECIFICATIONS

型号 Model	传热媒体 Heat Transfer Medium	最高温度 Max. Temp.	油箱容量 Volume of oil tank (L)	泵功率 Pump (KW)	泵流量 Pump Flow (L/min)	最高使用扬程 Max.Loading Distance(m)	发热功率 Heating Power (kW)	热媒出入口径 Inlet/Outlet Diameter	外形尺寸 Dimension (mm)	净重约 Approx. Net Weight (kg)
YA-TM6KW-W	清水 Water	100℃	/	0.37	42	28	6	3/8"×2	770x295x600	45.5
YA-TM9KW-W				0.75	56	38	9	3/8"×4	770x295x600	49
YA-TM12KW-W				0.75	56	38	12	3/8"×4	770x295x600	50
YA-TM18KW-W				1.5	200	30	18	1"×1	800x415x800	73
YA-TM24KW-W				1.5	200	30	24	1"×1	800x415x800	76
YA-TM36KW-W				2.2	240	36	18x2	1.5"×1	1100x960x515	132
YA-TM48KW-W				2.2	240	36	24x2	1.5"×1	1100x960x515	162
YA-TM6KW-O	传热油 Heat-Transfer Oil	200℃	6L	0.37	42	28	6	3/8"×2	770x295x600	49
YA-TM9KW-O				0.75	56	38	9	3/8"×4	770x295x600	52.5
YA-TM12KW-O				0.75	56	38	12	3/8"×4	770x295x600	55
YA-TM18KW-O			13L	1.5	200	30	18	1"×1	800x415x800	80
YA-TM24KW-O				1.5	200	30	24	1"×1	800x415x800	135
YA-TM36KW-O			30L	2.2	240	36	18x2	1.5"×1	1100x960x515	193
YA-TM48KW-O				2.2	240	36	24x2	1.5"×1	1100x960x515	232

- 注:
1) 机器电压规格为：AC380V 3PH 50Hz；
2) 6-12KW标配分水器带3/8球阀，18kW及以上标配无分水器；
3) 标配无铁氟龙管，标配无导热油（油式），导热油沸点需≥200℃；
4) 水式模温机，可选配长期工况120℃，需加装散热器。
- NOTE:
1) Power supply: AC380V 3PH 50Hz;
2) 6-12kW standard with water distributor (with 3/8 ball valve), 18 kW and above model do not standard with water distributor;
3) Standard with tubing without PTFE and non-heat transfer oil (oil type) , boiling point of heat transfer oil should be≥200 ° C;
4) Water temperature controller should be equipped with radiator, when it works under 120°C for a long time.

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

高温水式模温机

HIGH TEMP.
HIGH PRESSURE WATER MTC

特点：

- ◎ 温控范围：180℃以内（可选配用磁力泵）；
- ◎ 液晶显示模温机微电脑控制器，显示实测和设定温度，故障显示，操作简单易懂，温度误差在 ±0.1℃；
- ◎ 采用高效率水循环泵浦，能适用于精密模具及小直径模具回路中的控温需求，实现精密控温；
- ◎ 具有高压保护、超温保护、进水压力过低保护、安全泄压装置，自动补水及开机排气功能，关机自动降温等保护功能；
- ◎ 配备水位探测针和电子增压泵，可以精确监测水位且自动补水，避免电热管干烧；
- ◎ 加热桶、储水桶和主管道均采用 SUS304 不锈钢无缝管，耐腐蚀、不漏水（油），寿命长；
- ◎ 采用板式换热器间接冷却，控温更为准确，快速达到热交换效果；
- ◎ 配备一周 24 小时定时功能，实现整机预约自动运行；
- ◎ 可选配通讯功能，实现自动化远程管理。

FEATURES

- ◎ Temperature control range within 180°C (Optional for magnetic pump);
- ◎ Microcomputer LCD controller, display actual temperature and set temperature, fault display, easy to operate with accuracy 0.1°C ;
- ◎ Adopted with high-efficiency water pump. It can keep accurate temperature level and it is adaptable for production with precise molding;
- ◎ Multiple safety devices including high-pressure protection, overheat protection, inlet water pressure deficit protection, safety pressure relieving, automatic water supplying, automatically exhausting after start-up, automatically cooling after shut -down;
- ◎ Equipped with water level detection and electronic booster pump, which can accurately monitor the water level and automatically replenish water to avoid dry burning of the electric heater;
- ◎ SUS304 stainless steel seamless heating barrel, water storage barrel and main pipelines can ensure corrosion-resistant,no leakage and long working lifetime;
- ◎ Adopts indirect cooling method, which makes temperature controller more precise and realizes fast heat exchange;
- ◎ Digital timing for 24 hours a week to realize automatic operation;
- ◎ Optional for communication function for remote automation management.

技术参数 SPECIFICATIONS

型号 Model	单位 Unit	离心泵 Centrifugal Pump				磁力泵 Magnetic Pump			
		YA-TM9KW -HTW	YA-TM12KW -HTW	YA-TM18KW -HTW	YA-TM24KW -HTW	YA-TM9KW -HTHPW	YA-TM12KW -HTHPW	YA-TM18KW -HTHPW	YA-TM24KW -HTHPW
温控范围 Temp. Control Range	℃	160				180			
温控精度 Temp.Control Accuracy	℃	P.I.D±0.1							
电源 Power		AC3Φ380V/50HZ							
传热媒体 Heat Transfer Medium		水 Water							
冷却方式 Cooling Method		间接冷却 Indirect Cooling							
加热能量 Heating Capacity	kW	9	12	18	24	9	12	18	24
泵浦马力 Pump Power	kW	0.75	0.75	1.5	1.5	0.5	1.1	1.1	1.5
最大泵浦流量 Max. Pump Flow	L/min	135	135	250	250	25	60	60	90
最大泵浦压力 Max. Pump Pressure	kg/cm ²	2.5	2.5	2.5	2.5	4	6	6	6
警报功能 Alert Function		缺相/缺水/超温/过载 Phase Lack/ Water Shortage/ Over Temperature/ Overload							
冷却水管径 Cooling Water pipe	mm	12	12	12	12	12	12	12	12
热媒出入口径 Inlet Outlet Diameter	inch	2x(4x3/8")		2x(1×1")		2x(4x3/8)		2x(1×1")	
外形尺寸 Dimension (LxWxH)	mm	800x415x780		1090x515x945		800x415x780		1090x515x945	
净重约 Approx.Net Weight	kg	83	86	130	162	85	88	135	167

- 注: 1) 电压规格：AC 380V 3P 50Hz
3) 18KW及以上无分水器
- 2) 9-12KW标配分水器带3/8球阀
4) 标配无铁氟龙管

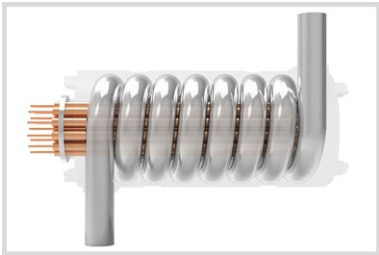
产品规格若有改变，恕不另行通知。We reserve the right to change specifications without prior notice.

- NOTE: 1) Power supply: AC 380V 3P 50Hz
2) 9-12KW standard with water distributor (with 3/8 ball valve)
3) 18KW and above model do not standard with water distributor
4) Standard with tubing without PTFE.



YA-TM9KW-HTW

非接触式电热管结构图（选配）
Non-contant heater (optional)



高温油式模温机

HIGH TEMP. OIL MTC

特点：

- ◎ 高温油式模温机温度范围 + 45°C-300°C；
- ◎ 行业领先的液晶显示微电脑控制器，显示实测温度和设定温度，故障显示，操作简单易懂，温度误差在 ±0.1°C；
- ◎ 高温油式采用知名品牌高温联轴泵，不易泄露，可选配磁力驱动泵；
- ◎ 具有超温保护、进水压力过低保护、多重安全泄压装置，自动补水及开机排气功能，关机自动降温等保护功能；
- ◎ 加热桶、主管道均采用 SUS304 不锈钢无缝管，耐腐蚀，不漏水 (油)，寿命长；
- ◎ 配备一周 24 小时定时功能，实现整机预约自动运行；
- ◎ 隔离式电器控制箱，延长电器使用年限；
- ◎ 可选配通讯功能，实现自动化远程管理。

FEATURES

- ◎ Heating temperature range: High-temp oil type from +45 to - 300 Celsius;
- ◎ Microcomputer LCD controller, display actual temperature and set temperature, fault display, easy to operate with accuracy ± 0.1 °C;
- ◎ Quality branded high temperature coupling pumps are equipped to high-temp oil type to ensure no oil leakage; magnetic drive pump for option;
- ◎ With over-temperature protection, low water inlet pressure protection, multiple safety relief devices, automatic water replenishment and start-up automatic exhausting, shut-down automatic cooling and other protection functions;
- ◎ SUS304 stainless steel seamless heating barrel, water storage barrel and main pipelines can ensure corrosion-resistant, no leakage and long working lifetime;
- ◎ Digital timing for 24 hours a week to realize automatic operation;
- ◎ Isolated electric control box for longer service life;
- ◎ Optional for communication function for remote automation management.

技术参数 SPECIFICATIONS

型号 Model	单位 Unit	YA-TM18KW-300	YA-TM24KW-300	YA-TM36KW-300	YA-TM48KW-300	YA-TM60KW-300
温控范围 Temp.Control Range	℃	300℃				
温控精度 Temp. Control Accuracy	℃	P.I.D±0.1℃				
电源 Power		ACΦ380v50hz				
传热媒体 Heat Transfer Medium		导热油 Heat transfer oil				
冷却方式 Cooling Method		间接冷却 Indirect cooling				
加热能量 Heating Capacity	kW	18	24	18×2	24×2	18×3
泵浦马力 Pump Power	kW	1.5	1.5	2.2	3	5.5
最大泵浦流量 Max. Pump Flow	L/min	133	133	166	210	330
最大泵浦压力 Max. Pump Pressure	kg/cm²	2.2	2.2	2.5	3.2	3
储油量 Oil Tank Capacity	L	50	50	50	50	50
报警功能 Alert Function		缺相/缺油/超温/过载 phase loss/ oil shortages/ over heat/ overload				
冷却水管管径 Cooling Water pipe	mm	12				
循环油配管 Circulating Oil Pipe	inch	1"		1.5"	2"	
外形尺寸 Dimension(L×W×H)	mm	1170x570x1145				
净重约 Approx.Net Weight	kg	210	215	220	225	240

计算公式：
电热 (kW) = 模具重量 (kg) x 模具比热 (kcal/(kg·°C)x 模环温差 (°C)x 安全系数 / 加热时间 /860
注：安全系数可以在 1.3 -1.5 之间选取

流量 (L/min)= 电热功率 (kW)*860/ 热媒比热 (kcal/(kg·°C)x 热媒密度 (kg/L) x 进出温差 (°C) x 时间 (60)

注：水比热 = 1 kcal/(kg·°C)
热媒油比热 = 0.49 kcal/(kg·°C)
水密度 = 1 kg/L
热媒油密度 = 0.842 kg/L

Calculation Formula:
Heating power (kW) =mold weight (kg) *mold heat specific (kcal/(kg·°C) *molding temperature difference (°C)*safety factor/heating time/860
Note: safety facto ranges from 1.3 to 1.5.

Flow Rate (L/min)=Heatine Power (kW)*860/ medium specific heat (kcal/(kg·C) * medium density(kg/L) *inlet and outlet temperature difference*time (60)

YA-TM24KW-300



双机一体模温机

TWO IN ONE MTC

特点：

- ◎ 全新设计、占地面积小、功能完善；
- ◎ 双机独立控制温度，适合上、下模不同温度的需要，也可同时控制不同温度的两台主机；
- ◎ 采用一个超大触摸屏人机交互，独立控制两套控温系统，操作简单易懂，温度误差在 ±0.1°C；
- ◎ 内部管路设计简洁、顺畅，结构紧凑，有效减少能量的损失；
- ◎ 加热桶、主管道均采用 SUS304 不锈钢无缝管，耐腐蚀、不漏水 (油)，寿命长；
- ◎ 配备一周 24 小时定时功能，实现整机预约自动运行；
- ◎ 可选配通讯功能，实现自动化远程管理；
- ◎ 可根据不同需求选择三机一体或四机一体；
- ◎ 采用 SSR 固态继电器控制 (适用于水电分离模温机)；
- ◎ 采用非接触式加热器，电热管使用不受水质影响 (适用于水电分离模温机)。

FEATURES

- ◎ Newly designed, small footprint and multi-functional;
- ◎ Individual control--available for maintaining two molds or two machines with different or individual settings;
- ◎ Adopt 10-inch super large touch screen human-computer interaction, controlling the two different temperatures at the same time, easy to operate, accuracy within ±0.1°C;
- ◎ Well-constructed interior pipelines with concise and well-knit designation for energy saving;
- ◎ SUS304 stainless steel seamless heating barrel, water storage barrel and main pipelines can ensure corrosion-resistant, no leakage and long working lifetime;
- ◎ Optional for communication function for remote automation management;
- ◎ Available to choose 3-in-1 or 4-in-1 design according to different cases;
- ◎ Adopt SSR solid-state relay control (applicable to water-electricity separation mold temperature controller);
- ◎ Adopt non-contact heater, the use of electric heating tube is not affected by water quality (applicable to water-electricity separation mold temperature controller).

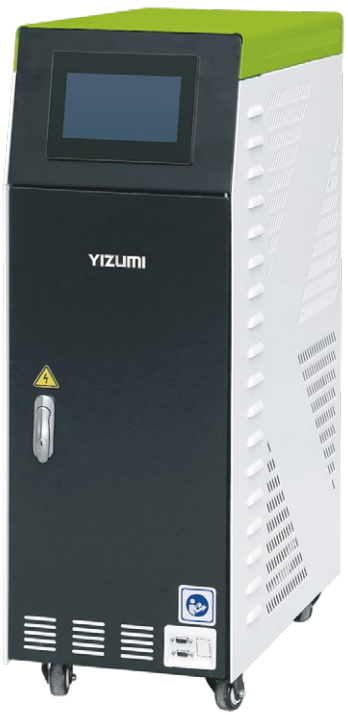
技术参数 SPECIFICATIONS

型号 Model	传热媒体 Transfer Medium	最高温度 Max. Temp.	泵功率 Pump(kW)	泵流量 Pump Flow (L/min)	泵扬程 Loading Distance (m)	发热功率 Heating Power (kW)	热媒出入口径 Inlet/Outlet Diameter	外形尺寸 Dimension (mm)	净重约 Approx.Net Weight
YA-TM6KW2S-W	清水 Water	100°C	0.37×2	42	28	6×2	3/8"×4	595×310×920	98
YA-TM9KW2S-W			0.75×2	56	38	9×2	3/8"×8	595×310×920	112
YA-TM12KW2S-W			0.75×2	56	38	12×2	3/8"×8	595×310×920	125
YA-TM18KW2S-W			1.5×2	200	30	18×2	1"×2	945×450×1200	150
YA-TM24KW2S-W			1.5×2	200	30	24×2	1"×2	945×450×1200	180
YA-TM36KW2S-W			2.2×2	315	30	18×4	1.5"×2	1100×550×1350	190
YA-TM6KW2S-O	传热油 Heat Transfer Oil	200°C	0.37×2	42	22	6×2	3/8"×4	595×310×920	98
YA-TM9KW2S-O			0.75×2	56	28	9×2	3/8"×8	595×310×920	112
YA-TM12KW2S-O			0.75×2	56	28	12×2	3/8"×8	595×310×920	125
YA-TM18KW2S-O			1.5×2	150	30	18×2	1"×2	945×450×1200	150
YA-TM24KW2S-O			1.5×2	150	30	24×2	1"×2	945×450×1200	180
YA-TM36KW2S-O			2.2×2	233	30	18×4	1.5"×2	1100×550×1350	190

- 注：1) 电压规格：AC 380V 3P 50Hz
2) 6-12KW: 标配分水器带3/8球阀
3) 18KW及以上：标配无分水器
4) 标配无铁氟龙管，无导热油（油式），自配导热油沸点需≥200°C

- NOTE: 1) Power supply: AC 380V 3P 50Hz
2) 9-12 kW standard with water distributor (with 3/8 ball valve)
3) 18KW and above model do not standard with water distributor
4) Standard with tubing without PTFE and non-heat transfer oil (oil type), boiling point of heat transfer oil should be≥200 °C

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



YA-TM6KW2S-O

风冷式螺杆冷水机

AIR COOLED
SCREW CHILLER

特点：

- ◎ 采用世界知名品牌半封闭螺杆式压缩机,可确保长时间高效稳定运行；
- ◎ 压缩机为无段容调,可实现制冷量在 25%-100% 之间任何段位连续调节,达到稳定的能量输出控制；
- ◎ 采用高效翅片式冷凝器和高效率静音制冷专用风机,无需提供冷却水,安装便捷；
- ◎ 壳管式蒸发器采用高精密内螺纹铜管设计,换热面积更大,效率更高,最大化发挥 机器的性能；
- ◎ 控制先进,采用最新一代 PLC 控制器,精确控制机组,确保高效合理运行；
- ◎ 精确控温,冷冻水出水温度控制精度 ±0.5 度以内,满足高精度控温要求；
- ◎ 具有电流过载保护、高低压压力、流量控制阀等保护系统及电子时间延迟等完善的安全保护装置,触控式液晶显示屏,异常直观显示系统；
- ◎ 配备一周 24 小时定时功能,实现整机预约自动运行；
- ◎ 配备通讯功能,实现自动化远程管理。



YA-LF240AS

技术参数 SPECIFICATIONS

型号Model	单元 Unit	YA-LF40AS	YA-LF50AS	YA-LF60AS	YA-LF80AS	YA-LF100AS	YA-LF120AS	YA-LF160AS	YA-LF180AS	YA-LF200AS	YA-LF240AS
制冷量 Refrigerating Capacity	kW	125	165.2	176	237.2	330	353.2	473.4	556.3	655	767
	Kcal/h	107500	142072	151360	203992	283800	303752	407124	478418	563300	659620
输入功率 Input Power	kW	30	37	45	30×2	37×2	45×2	60×2	67×2	75×2	90×2
制冷剂流量控制方法 Control Type		外平衡式热力膨胀阀Externally balanced thermal expansion valve									
冷媒 Refrigerant		R22(R407C)									
压缩机 Compressor	款式 Type	半封闭螺杆式 Semi-hermetic screw									
	数量 Quantity	1/2/3/4									
	启动方式 Start Mode	Y-△启动									
	能量控制 Capacity Control (%)	0-25-50-75-100									
电源 Power		3PH-380V/50HZ (200V/220V/415V 50HZ/60HZ)									
蒸发器 Evaporator	款式 Type	干式壳管式 Shell and tube type									
	冷却水流量 Chilling Water Flow (m³/hr)	18	23	26	26	46	52	71	86	100	117
	水管口径 Water Pipe Diameter (inch)	3"	3"	3"	4"	4"	4"	4"	6"	6"	6"
冷凝器 Condenser	类型 Type	空气冷却式高效铜管套铝 Air cooled high-efficient inner threaded copper- tubing aluminum fin type									
水泵Pump	功率 Power (kW)	3				4				11	
	匹 Bolt (HP)	4				5.5				15	
	扬程 Distance (m)	16				18				14	
	流量 Flow rate (L/min)	700				800				2783	
风机Fan	类型 Type	大功率轴流风机 low noise orter rotor high power axial fan									
	功率 power (kW)	2.4	3.75	3.75	4.6	6.4	6.4	11.2	12.8	14.4	16
	风量 Cooling air flow (m³/hr)	39000	65700	65700	82000	104000	104000	182000	208000	235000	260000
安全保护 Safety Protection		压缩机过热保护、机组过载保护装置、高低压保护装置、防冻保护装置、电源逆相/缺相保护器、水流开关 Compressor overheat/ Over loading/ High and low pressure/ Freezing/ Phase reverse and loss protection device, Flow switch									
外形尺寸 Dimension	mm	3000×1350 ×2025	3300×1500 ×2255	4000×1600 ×2125	3500×2200 ×2030	3960×2200 ×2030	4550×2200 ×2080	4600×2200 ×2080	5088×2240 ×2500	6088×2240 ×2500	9088×2240 ×2500
机组重量 Net Weight	kg	1300	1620	1930	2260	3340	3850	4200	4450	4670	4860
单位换算 Unit Exchange		1kW=860KCal/h 1RT=3024KCal/h 1Btu/hr=0.252KCal/h									

备注：1、制冷量是依据冷冻水入口温度 12℃，出口 7℃；冷却入风温度 30℃，出风温度 40℃计算得出
2、工作范围：冷冻水温度范围：5℃至 35℃；冷冻水进出水温差：3℃至 8℃
冷却温度范围：35℃以下使用；冷却进出风温差：3℃至 8℃

FEATURES

- ◎ Adopted world famous branded semi-hermetic compressors to ensure long-term, reliable and efficient running;
- ◎Compressor runs with no stage limits to realize stageless continuous adjustment of cooling capacity in between 25%-100% power loaded and maintaining stable outputs;
- ◎With high-efficient fin type condenser and silent refrigeration fan, no need to equip cooling water, easy to install;
- ◎Shell and tube evaporator adopts high-precision internal threaded copper tube design with larger heat exchanging area for higher efficiency and maximizing system performance;
- ◎Adopted the latest generation PLC controller to realize precision control of the unit, ensuring efficient and stable running;
- ◎Accuracy of outlet chilled water temperature within ±0.5 Celsius degrees, compliable to high-precision temperature control requirements;
- ◎Complete safety devices including current overload protector, high and low pressure controller, flow control valve and electronic time delay-er, also touch screen LCD with visual system on failure display;
- ◎Equipped with one week 24 hours timing function to enable automatic operation by appointment;
- ◎Equipped with communication function to realize automatic remote management.

水冷式螺杆冷水机

WATER COOLED
SCREW CHILLER

特点：

- ◎ 采用世界知名品牌半封闭螺杆式压缩机,可确保长时间高效稳定运行；
- ◎ 压缩机为无段容调,可实现制冷量在 25%~100% 之间任何段位连续调节,达到稳定的能量输出控制；
- ◎ 壳管式冷凝器采用高精密外螺纹铜管设计和壳管式蒸发器采用高精密内螺纹铜管设计,换热面积更大,效率更高,最大化发挥机器的性能；
- ◎ 控制先进,采用最新一代 PLC 控制器,精确控制机组,确保高效合理运行；
- ◎ 精确控温,冷冻水出水温度控制精度 ±0.5 度以内,满足高精度控温要求；
- ◎ 具有电流过载保护、高低压压力、流量控制阀等保护系统及电子时间延迟等完善的安全保护装置,触控式液晶显示屏,异常直观显示系统；
- ◎ 机组备有单、双回路设计,满足客户的不同选择。当双回路配置机组的单台压缩机出现故障时,另一台压缩机仍可正常运行,不影响客户使用；
- ◎ 配备一周 24 小时定时功能,实现整机预约自动运行；
- ◎ 配备通讯功能,实现自动化远程管理。

FEATURES

- ◎ Adopted world famous branded semi-hermetic compressors for long-term, reliable and efficient running;
- ◎ Compressor runs with no stage limits to realize stageless continuous adjustment of cooling capacity in between 25%-100% power loaded and maintaining stable outputs;
- ◎ Shell and tube condenser adopts high-precision external threaded copper tube design with larger heat exchanging area for higher efficiency and maximizing system performance;
- ◎ Adopted the latest generation PLC controller to realize precision control of the unit, ensuring efficient and stable running;
- ◎ Accuracy of outlet chilled water temperature within ± 0.5 Celsius degrees, compliable to high-precision temperature control requirements;
- ◎ Complete safety devices including current overload protector, high and low pressure controller, flow control valve and electronic time delayer, also touch screen LCD with visual system on failure display;
- ◎ The units are available in single and dual circuit design to meet the different choices of customers. When the single compressor of the dual circuit configuration unit fails, the other compressor can still operate normally, without affecting the customer's use;
- ◎ Equipped with one week 24 hours timing function to enable automatic operation by appointment;
- ◎ Equipped with communication function to realize automatic remote management.

技术参数 SPECIFICATIONS

型号Model	单元 Unit	YA-L30WS	YA-L40WS	YA-L50WS	YA-L60WS	YA-L80WS	YA-L100WS	YA-L120WS	YA-L160WS	YA-L180WS	YA-250WS	YA-L280WS	YA-L320WS	YA-L380WS	YA-L400WS	YA-L500WS	YA-L580WS
制冷量 Refrigerating Capacity	kW	99	142.5	186.5	200.1	264	375	406	537.1	594	825	924	1056	1254	1320	1650	1914
	Kcal/h	85140	122550	160390	172086	227040	322500	349160	461906	510840	709500	794640	908160	1078440	1135200	1419000	1646040
输入功率 Input Power	kW	23.3	30.8	38.6	42.5	55.6	67.1	79.4	55.6*2	63.1*2	79.4×2	87.5×2	104.8×2	120.7×2	150×2	205.35×2	214.85×2
制冷剂流量控制方法 Control Type		外平衡式热力膨胀阀Externally balanced thermal expansion valve															
冷媒 Cooling Refrigerant		R22(R407C)															
压缩机 Compressor	款式 Type	半封闭螺杆式 Semi-hermetic screw															
	数量 Quantity	1~4															
	启动方式 Start Mode	星三角启动 Star-delta starting															
	能量控制Capacity Control	0-25-50-75-100															
电源 Input Power		3PH-380V/50HZ (200V/220V/415V 50HZ/60HZ)															
蒸发器 Evaporator	款式 Type	干式壳管式 Shell and Tube Type															
	冷却水流量 (m³/hr) Chiling Water Flow	19	21	26	30	39	55	68	86	96	136	150	168	206	240	273	308
	水管口径 (inch) Water Pipe Diameter	3"	3"	3"	3"	4"	4"	4"	6"	6"	6"	6"	6"	8"	8"	10"	10"
冷凝器 Condenser	类型Type	壳管式 Shell and tube															
	冷却水流量 (m³/hr) Chiling Water Flow	21	26	33	40	45	69	85	108	122	170	186	220	252	294	334	372
	水管口径 (inch) Water Pipe Diameter	3"	3"	3"	4"	4"	4"	4"	4"× 2	4"×2	4"×2	5"×2	5"×2	6"×2	6"×2	6"×2	6"×2
安全保护 Safety Protection		压缩机过热保护、机组过载保护装置、高低压保护装置、防冻保护装置、电源逆相/缺相保护器、水流开关 Compressor overheat/ Over loading/ High and low pressure/ Freezing/ Phase reverse and loss protection device, Flow switch															
外形尺寸 Dimension	mm	2145×800 ×1670	2340×800 ×1670	2340×800 ×1670	2585×800 ×1720	3130×900 ×1860	3340×1300 ×1450	3340×1300 ×1500	3880×875 ×1850	3910×875 ×1950	3670×1330 ×2130	4250×1320 ×2150	4350×1320 ×2150	4450×1580 ×2230	4900×1600 ×2350	4950×1760 ×2360	5010×1760 ×2360
单位换算 Unit Exchange		1KW=860KCal/h				1RT=3024KCal/h				1Btu/hr=0.252KCal/h							

备注：1、制冷量是依据冷冻水入口温度 12℃，出口 7℃；冷却水入口温度 30℃，出口温度 35℃计算得出。
2、工作范围：冷冻水温度范围：5℃至 35℃；冷冻水进出水温差：3℃至 8℃。
冷却水温度范围：18℃至 37℃；冷却水进出水温差：3.5℃至 10℃。

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



YA-L320WS-2



触摸屏
Touch Screen

Note: 1. The nominal cooling capacity is calculated according to the inlet/outlet chilled fluid temperature of 12℃ to 7℃
2. During operation the temperature range of the chilled fluid should be from 5℃ to 30℃. The temperature difference between the inlet and outlet chilled fluid is from 3℃ to 8℃.
The temperature range of cooling water is from 18℃ to 30℃. The temperature difference between inlet and outlet cooling water is from 3.5℃ to 10℃.

喷淋降膜式变频螺杆冷水机

SPRAY FILM FALLING TYPE SCREW CHILLER WITH INVERTER

特点：

- ◎COP 可达 6.0，相对普通定频冷水机节能 25%-35%；
- ◎采用世界一流的机载变频驱动技术，机组软启动，减少启动电流的冲击；
- ◎采用喷淋降膜式蒸发器，传热系数高，换热更均匀，效率更高，端温差小（优于满液，更优于干式）；
- ◎冷却介质走铜管内部，易于清洗；
- ◎控制先进，采用最新一代 PLC 控制器，精确控温，冷冻水出水温度控制精度± 0.5 度以内。

FEATURES

- ◎Adopted the world class built-in frequency variation driving and soft starting technology to reduce impact of starting current;
- ◎COP could reach 6.0, 25~35% energy saving compared with standard set-frequency chillers;
- ◎With Spray Film Falling Type Evaporator, heat conduction higher and heat exchanging more even, high efficiency and low temperature differences with ends (better than Flooded Type, way better than Dry Type);
- ◎Cooling medium runs through the copper tubes, easy to clean;
- ◎Adopted the latest generation PLC controller to realize precision control of cold water supplying with deviation less than ± 0.5°C.



防爆螺杆式冷水机

EXPLOSION-PROOF WATER CHILLER

特点：

防爆螺杆式冷水机组采用隔爆、增安、本安、正压、充油、充砂、无火花、浇封和气密等多种防爆方式，使机组可以在易燃易爆场合使用，如：石油、化工、冶金、制药和国防工业等空气存在爆炸性气体混合物的自封闭的室内空间环境作为净化空气和调节气温（降低温度或升高温度）之用。机组型号由 30HP-720HP 不等，可根据客户要求定做。

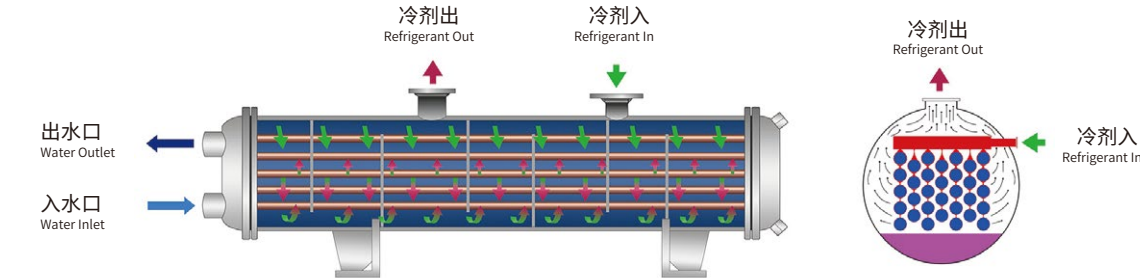
FEATURES

Explosion-proof Screw Chiller adopts various explosion-proof methods such as insulation, increased safety, intrinsic safety, positive pressure, oil filling, sand filling, no spark, pouring sealing and air tightness, so that the unit can be used in flammable and explosive occasions, such as the self-enclosed indoor space environment with explosive gas mixture in the air, e.g. petroleum, chemical, metallurgy, pharmaceutical and defense industries, as air purification and temperature regulation (reduce temperature or increase temperature) purposes. The series models range from 30HP to 720hp, which can be customized according to customer requirements.



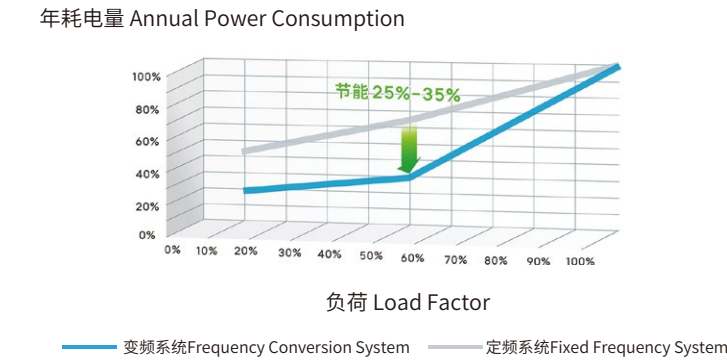
喷淋降膜式蒸发器，换热效率高，端温差小

With Spray Film Falling, Type Evaporator, high heat exchange efficiency and low temperature differences with ends.



世界一流的机载变频驱动技术，高效节能25%-35%

The world class built-in frequency variation driving, high efficiency and energy saving 25%-35%.



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

低温水冷式螺杆冷水机

LOW TEMP. WATER COOLED SCREW CHILLER

特点：

- ◎低温水冷式螺杆冷水机组是针对钢铁、医药、电子、化工、食品等特殊行业，根据多年工业用冷冻机组设计经验，综合国内外先进技术精心设计研发的新一代低温冷冻机组，其温度范围可在 -30°C-0°C之间任意调节；
- ◎采用知名品牌新型低温螺杆压缩机，整机系统零部件及主要电气控制元件均为进口品牌，性能稳定可靠，控制系统采用 PLC 触摸屏控制，操作更为精确、简便；
- ◎可根据客户需求订制各种使用工况的低温冷水机组。

FEATURES

- ◎Low Temperature Water Cooled Screw Chillers are especially for industries like iron, medication, electronics, chemical and food products, etc. With years of experiences and global advance technology in industrial chiller unit design, the new generation of low temperature refrigeration units are capable of freely adjusting temperature from -30°C-0°C;
- ◎Equipped with famous brand advanced low temperature screw compressors, the chiller unit not only adopts imported devices in systematic and main electric controlling parts, but also the PLC touch screen operation system, hence to provide stable and reliable performances and accurate but simple operations;
- ◎Configuration is customizable depending on demand for various running conditions.



YA-L100WSL-2

大型输送破碎回收及粉尘分离回收生产线

LARGE RECYCLING PRODUCTION LINES OF GRANULATING, CONVEYING,
METAL DETECTION AND DUST SEPARATION

- 1、静音破碎机 Soundproof Granulator
- 2、操控台 Controller
- 3、传送带 Conveyor
- 4、回收系统 Recycling System
- 5、自动筛粉装置 Powder Sifting Device
- 6、金属探测器 Metal Detector



中速破碎机 MEDIUM SPEED GRANULATOR

中速破碎机适用于浇道口物料、料头、次品的即使粉碎再利用，操作简单，性能优异；采用适中的转速运转将粉屑、噪音的产生及刀具磨损降到最低点，并且设置多种安全保护装置符合欧洲安全标准。

YA-GM medium speed granulators are applied for instant recycling materials of sprues, runners, insufficient products, which is easy to operate and with excellent functions. The speed is properly designed to minimize powder, running noise and abrasion of cutter blades occurred in crushing process. The series are adopted with multiple safety devices to conform European safety standards.

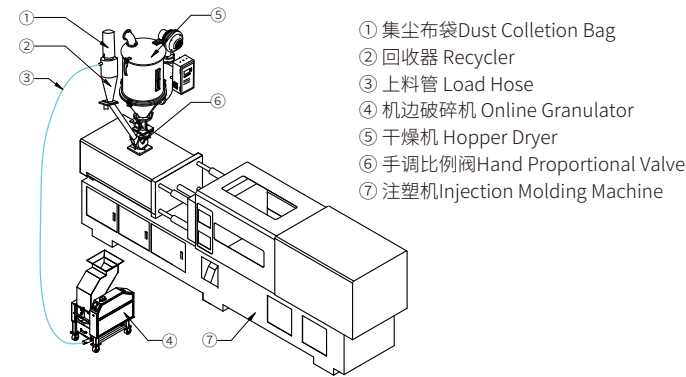
特点：

- ◎中速破碎，低能耗，体积小，占地面积少；
- ◎维护，清理便捷，高安全操作设计；
- ◎刀架采用高硬度钢质材料，前置刀片专利设计，强度更高，加大刀片切削角度，提高切削效率，成型颗粒形状均匀，粉末少；
- ◎刀具采用高强度合金工具钢，硬度高，耐磨性强，刀片磨削可重复使用；
- ◎采用内六角螺丝沉孔安装，不会因为长时间使用而损螺丝；
- ◎投料斗四面双层隔音设计，内层采用不锈钢材质，中间填充隔音材料，静音效果好；
- ◎本机有送料型和抽料型两种选择。

FEATURES

- ◎Medium-speed granulation, low energy consumption, small size and small floor space;
- ◎Convenient for maintenance and cleaning, safety design for operations;
- ◎Blade sets made by once cutting from steel plate, adopted with patent front-positioning blades design enlarging cutting angle and increasing cutting efficiency. Hence the output granules are even and with less powder or dust occurred;
- ◎Blades are made of high-strength steel, with high hardness, good abrasion resistance, and long service life;
- ◎Adopted hexagon socket screw installation way of the blades, free from wearing lose on screws in the long-term utility;
- ◎Feeding hopper with double-layered on 4 sides and the inner layer is made of stainless steel with insulation material in between to provide good noise handling;
- ◎Configuration is optional on active or passive collecting.

安装示意图 INSTALLATION DIAGRAM



技术参数 SPECIFICATIONS

型号Model	YA-GM180	YA-GM250	YA-GM310	YA-GM180RC	YA-GM250RC	YA-GM310RC
投料斗口尺寸 Feeding Hopper Size (mm)	498×380	498×445	498×505	498×380	498×445	498×505
粉碎口径 Grinding Chamber (mm)	180×180	250×200	310×200	180×180	250×200	310×200
粉碎能力 Grinding Capacity (kg/h)	40-70	80-100	80-130	40-70	80-100	80-130
功率 Power (kW)	1.5	2.2	4	1.5	2.2	4
固定刀（片） Stationary Cutter (pcs)	2	2	2	2	2	2
旋转刀（片） Rotary Cutter (pcs)	9	12	15	9	12	15
筛网孔径 Mesh Size (mm)	6	6	6	6	6	6
外形尺寸 Dimension (L×W×H mm)	790×454×1480	790×496×1480	790×556×1480	790×454×1480	790×496×1480	790×556×1480
主轴转速（分钟/转） Spindle Speed (r/min)	320					
风机功率kW(送料型) Blower Power kW (Active Collecting)	/	/	/	0.55	0.55	0.55
备注 Note	需另配吸料机和比例阀使用 Should be used with auto loader and proportional valve			带回收系统 Equipped with recycled system		

备注：1. 电压：AC380V 3PH 50Hz； 2. "RC" 代表带回收系统，对应相应的风机功率。
Note: 1. Voltage: AC380V 3PH 50Hz; 2. "RC" it means equipped with recycling system, with suitable blower.

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

低速机边破碎机 LOW SPEED ONLINE GRANULATOR

特点：

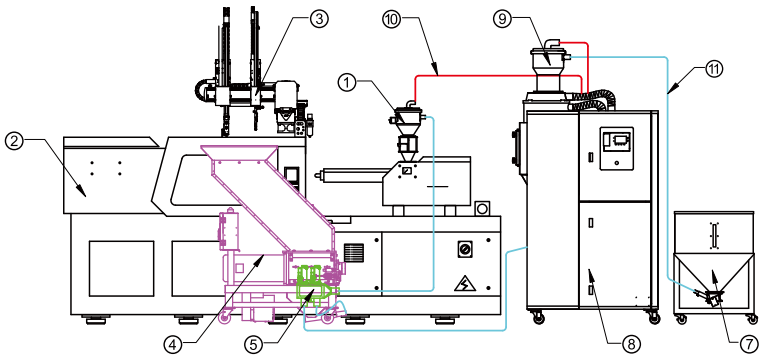
- ◎低速破碎，阶梯形旋转刀排列成V形设计，噪音低、颗粒均匀、粉末少；
- ◎减速机直接驱动，运转平稳；
- ◎具有定时开关机功能，节省能源；
- ◎微电脑控制、具有两料比例阀控制功能，操作直观，维护简单；
- ◎投料斗双层隔音设计，低噪音；
- ◎投料斗、筛网托快捷拆装方式设计，清理维护更便捷；
- ◎具有缺相逆向保护功能、电机过载保护、限位保护等多重保护装置；
- ◎本机有送料型和抽料型两种选择。

FEATURES

- ◎Low speed grinding with the V shape stepped rotary cutters design, low noise, evenly output and less dust occurred;
- ◎Direct driven reducer ensures stable running;
- ◎With timing function to turn on or off, saving energy;
- ◎Controlled by microcomputer, wth two material proportional valve control function, easy operation and maintenance;
- ◎Double layered soundproof designed feeding hopper, low noise;
- ◎Fast disassembly and assembly design for processing chamber, easy to clean and maintain;
- ◎With multiple protections as phase sequence protection, overload protection, limit protection, etc;
- ◎Configuration is optional on active or passive collecting.

结构简图 STRUCTURAL DIAGRAM

- ① 电眼料斗 Sensor Hopper
- ② 注塑机 Injection Molding Machine
- ③ 机械手 Robot
- ④ 机边破碎机 Low speedonline granulator
- ⑤ 两料比例阀 Proportional Valve
- ⑥ 储料箱 Material Tank
- ⑦ 吸料管 Material Pipe
- ⑧ 三机一体 "All-in-one" compact dryers
- ⑨ 真空料斗 Vacuum Hopper
- ⑩ 吸风管 Vacuum Pipe



技术参数 SPECIFICATIONS

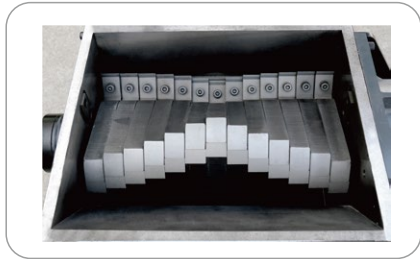
型号Model	YA-GS2HP	YA-GS3HP	YA-GS5HP	YA-GS2HPRC	YA-GS3HPRC	YA-GS5HPRC
投料斗口尺寸 Feeding Hopper Size (mm)	320×310	380×310	440×310	320×310	380×310	440×310
粉碎口径 Grinding Chamber (mm)	260×310	320×310	380×310	260×310	320×310	380×310
粉碎能力 Grinding Capacity (kg/h)	22	27	33	22	27	33
功率 Power (kW)	1.5	2.2	3.7	1.5	2.2	3.7
固定刀（片） Stationary Cutter (pcs)	2	2	2	2	2	2
旋转刀（片） Rotary Cutter (pcs)	27	33	39	27	33	39
筛网孔径 Mesh Size(mm)	6	6	6	6	6	6
外形尺寸 Dimension (L×W×H mm)	850×500×1500	1000×500×1500	1150×500×1500	850×500×1500	1000×500×1500	1150×500×1500
主轴转速（分钟/转） Spindle Speed (r/min)	140	140	140	140	140	140
风机功率kW（送料型） Blower Power kW (Active Collecting)	/	/	/	0.55	0.55	0.55
备注 Note	需另配吸料机和比例阀使用 Should be used with auto loader and proportional			带回收系统 Equipped with recycled system		

备注：1. 电压：AC380V 3PH 50Hz； 2. "RC" 代表带回收系统，对应相应的风机功率。
Note: 1. Voltage: AC380V 3PH 50Hz; 2. "RC" it means equipped with recycling system, with suitable blower.

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



YA-GS5HPRC



机室
Grinding Chamber

啃齿式慢速破碎机

SCREENLESS LOW SPEED GRANULATOR

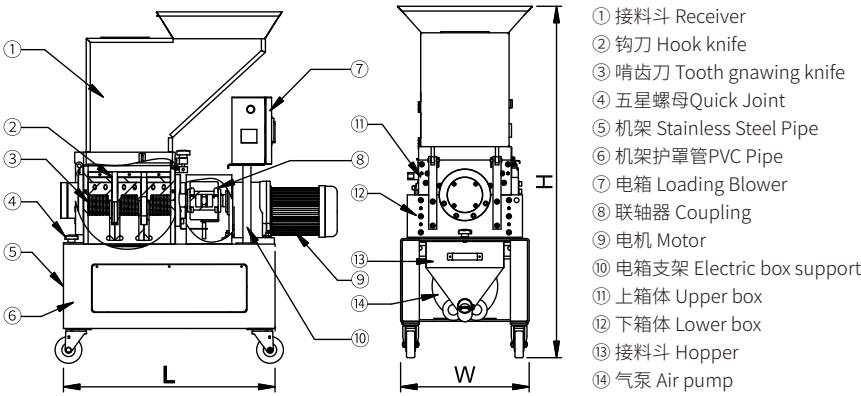
特点：

- ◎ 采用啃齿式刀具搭配切断刀设计，低转速，无筛网，无漏切削，颗粒度好，粉末极少；
- ◎ 具有卡料自动逆转功能，可自动清除堵塞粉碎料，对电机全方位保护；
- ◎ 具有定时开关机功能，节省能源；
- ◎ 微电脑控制，具有两料比例阀控制功能，操作直观，维护简单；
- ◎ 投料斗双层隔音设计，中间填充隔音材料，低噪音；
- ◎ 破碎室快捷拆装方式设计，清理维护更便捷；
- ◎ 具有缺相逆向保护功能、电机过载保护、限位保护等多重保护装置；
- ◎ 本机有送料型和抽料型两种选择。

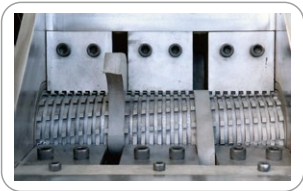
FEATURES

- ◎ With the teeth cutters and hook cutters design, running with low rotary speed, screenless, no leftovers, evenly output and least dust produced.
- ◎ Capable of auto reverse running and clearing of jammed materials, all-round protection of the motor.
- ◎ With timing function to turn on or off, saving energy.
- ◎ Controlled by microcomputer, with two material proportional valve control function, easy operation and maintenance.
- ◎ Double-layered soundproof designed feeding hopper, low noise.
- ◎ Fast disassembly and assembly design for processing chamber, easy to clean and maintain.
- ◎ With multiple protections as phase sequence protection, overload protection, limit protection, etc.
- ◎ Configuration is optional on active or passive collecting.

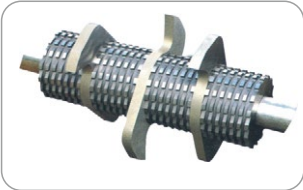
结构简图 STRUCTURAL DIAGRAM



YA-GO2HPRC



机室
Grinding Chamber



刀架
Cutter Saddle

技术参数 SPECIFICATIONS

型号 Model	YA-GO1HP	YA-GO2HP	YA-GO3HP	YA-GO1HPRC	YA-GO2HPRC	YA-GO3HPRC
投料斗尺寸 Feeding Hopper Size (mm)	505*360	505*470	505*580	505*360	505*470	505*580
粉碎室口径 Grinding Chamber (mm)	310*200	310*310	310*420	310*200	310*310	310*420
粉碎能力 Grinding Capacity (kg)	10-15	20-25	22-27	10-15	20-25	22-27
功率 Power (kW)	1.1	1.5	2.2	1.1	1.5	2.2
固定刀 (把) Stationary Cutter (pcs)	4	6	8	4	6	8
动刀 (菠萝刀) (把) Teeth Cutter (pcs)	2	3	4	2	3	4
旋转刀 (把) Rotary Cutter (pcs)	1	2	3	1	2	3
外形尺寸Dimension LxWxH	945*570*1315	1055*570*1315	1200*570*1315	945*570*1315	1055*570*1315	1200*570*1315
主轴转速 (转/分) Spindle Speed (r/min)	25	25	25	25	25	25
风机功率 kW (送料型) Blower Power kW (Active Collecting)	/	/	/	0.55kW	0.55kW	0.55kW
备注 Note	需另搭配吸料机和比例阀使用 Should be used with auto loader and proportional valve			带回收系统 Equipped with recycled system		

备注：1. 电压：AC380V 3PH 50Hz；
Note: 1. Voltage: AC380V 3PH 50Hz；

产品规格若有改变，恕不另行通知。
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集中静音破碎机

SOUNDPROOF GRANULATOR WITH COLLECTOR

特点：

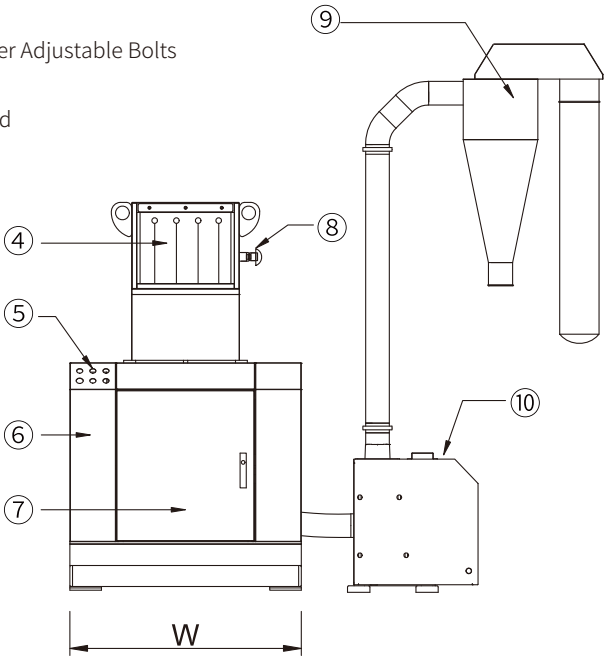
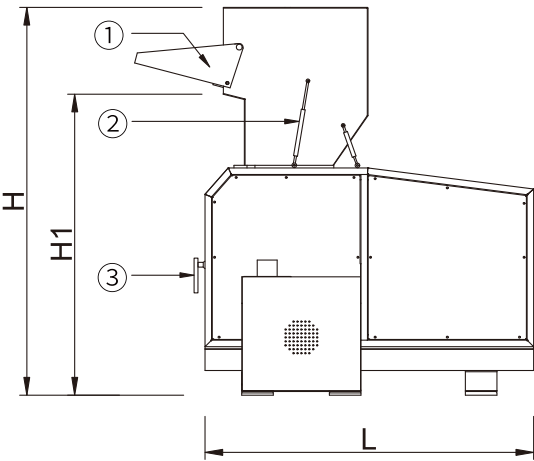
- ◎ 机身采用全封闭式结构，配备隔音装置，可有效降低粉碎时所产生的噪音；
- ◎ 加装电流继电器，马达过载保护、相序保护等多重安全保护装置；
- ◎ 标配送料风机，可自动送料，提高效率；
- ◎ 标配旋风器，可有效分离粉碎料与风，便于原料的收集；
- ◎ 标配粉尘收集布袋，便于清理，减少污染；
- ◎ ≥15HP 以上投料斗标配助力气弹簧，≥30HP 以上投料斗和筛网托架标配气缸系统，节省人力；
- ◎ 标配避震脚，可有效减少粉碎时产生的震动；
- ◎ 可选配自动筛粉装置。

FEATURES

- ◎ Optimized hermetic structure with sound proof insulation, ensuring low noise occurred in crushing process.
- ◎ Equipped with multiple safety devices including current relay, motor overload and phase protectors, etc.
- ◎ With auto collecting blower for easy and efficient operations.
- ◎ With cyclone to separate material and air for easy collecting.
- ◎ With dust collecting bag for handy cleaning.
- ◎ ≥15HP are applied with booster for feeding hopper, ≥ 30HP default with cylinder on hopper and mesh screen.
- ◎ Default with level pad to reduce the vibration when machine running.
- ◎ Optional for Dust Sifting Device.

结构简图 STRUCTURAL DIAGRAM

- ① 活动入料口 Adjustable Feeder
- ② 助力气缸 Booster
- ③ 前门把手 Front Door Handle
- ④ 挡料胶条 Rubber Curtain
- ⑤ 操作面板 Control Panel
- ⑥ 护罩 Cover
- ⑦ 门板 Door
- ⑧ 入料口调节螺栓 Hopper Adjustable Bolts
- ⑨ 旋风器 Cyclone
- ⑩ 风机护罩 Blower Shield



YA-GD20HP-SP

标配静音集中破碎机
Standard Soundproof
Granulator With Collector

强力破碎机 STRONG GRANULATOR

爪型/平型破碎机 CLAW /FLAT TYPE GRANULATOR

特点：

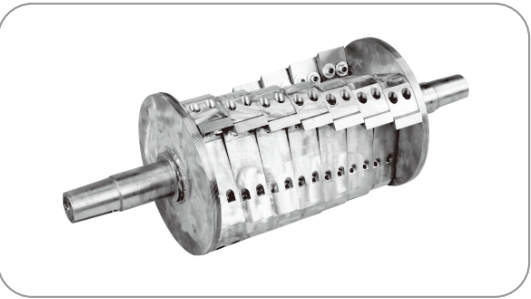
- ◎ 刀架采用高硬度钢质材料，前置刀片专利设计，强度更高，加大刀片切削角度，提高切削效率，成型颗粒形状均匀，粉末少。分爪型、平型两种，适用面更加广；爪型刀尤其针对大块胶头料或硬度较高的材料效果更好；
- ◎ 刀具采用高强度合金工具钢，硬度高，耐磨性强，刀片磨削可重复使用；
- ◎ 采用内六角螺丝沉孔安装，不会因为长时间使用而磨损螺丝；
- ◎ 投料斗四面双层隔音设计，内层采用不锈钢材质，中间填充隔音材料，静音效果好；
- ◎ ≥30HP 以上机器箱体标配冷却系统，可有效的降低粉碎室和轴承的 温度，避免粉碎料融结和提高轴承的使用寿命；
- ◎ ≥75HP 以上投料斗及筛网托架标配气缸系统，其他型号可选配；
- ◎ 机脚采用专利结构设计，承重能力更强，工作时震动更小；
- ◎ 可选配自动回收及自动筛粉系统，达到更好的收集效果；
- ◎ 可定制破碎 PA66/PA6+20%-50%GF 材料专用机型，可大幅提高机器的使用寿命。



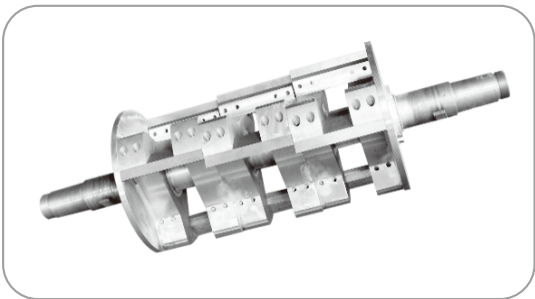
YA-GYX30HP
高配CE标准
Deluxe CE Standard

FEATURES

- ◎ Blade sets made of high hardness steel, adopted with patent front-positioning blades design to enlarge cutting angle and increase cutting efficiency. Hence the output granules are even and with less powder or dust occurred. Models are divided into claw and flat types with wide applications. And the claw type blades are especially suitable for larger and harder subjects like injection lump plastics, etc;
- ◎ Blades are made of high-strength alloy tool steel, with high hardness, good abrasion resistance, and long durability;
- ◎ Adopted hexagon socket screw installation way of the blades, free from wearing lose on screws in long term utility;
- ◎ Feeding hopper with double-avered on 4 sides and the inner layer is made of stainless steel with insulation material in between to provide good noise handling;
- ◎ ≥ 30HP default with chamber cooling system, effectively reducing the heat of chamber and shaft to ensure long durability and preventing material melting and fusion;
- ◎ ≥75HP with cylinder system on feeding hopper and mesh screen, optional for other models as well;
- ◎ Patent designed foot stands with heavy duty capability and low vibration in running;
- ◎ Optional for auto collecting and dust separating system for better collecting purposes;
- ◎ Available of tailor-made special models with much better durability and life span on processing materials of PA66/PA6 +20%-50% GF.

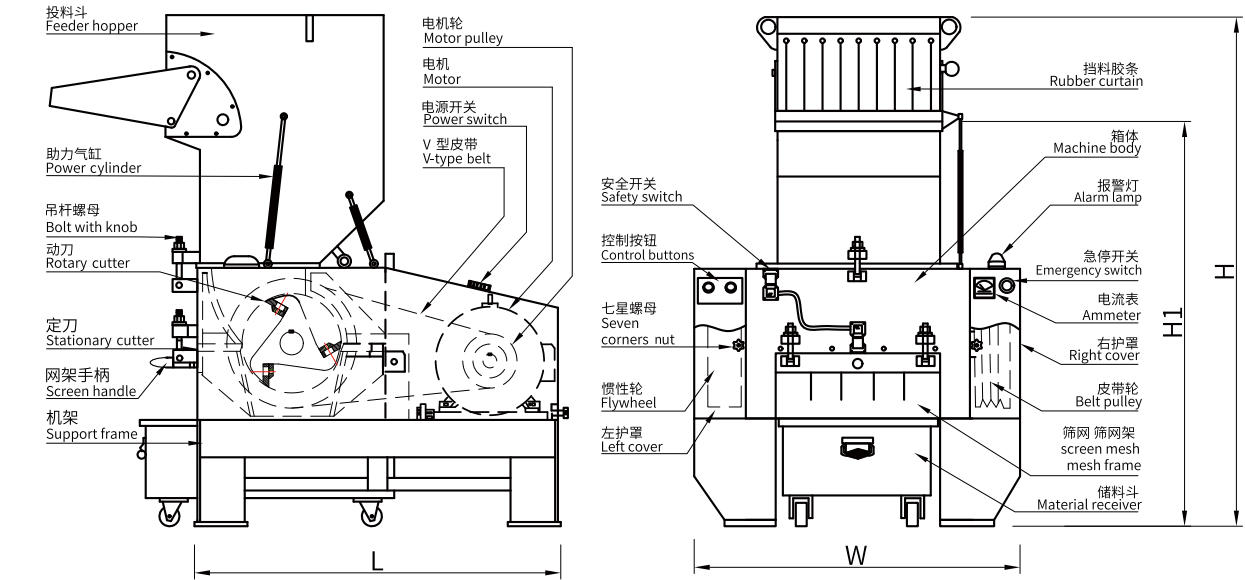


GY爪型刀架
GY Claw Cutter Saddle



GD平型刀架
GD Flat Cutter Saddle

结构简图 STRUCTURAL DIAGRAM



技术参数(平型) SPECIFICATIONS (Flat type)

型号 Model	YA-GD10HP	YA-GD15HP	YA-GD20HP	YA-GD30HP	YA-GD50HP	YA-GD75HP	YA-GD100HP	YA-GD150HP
	YA-GD10HP-SP	YA-GD15HP-SP	YA-GD20HP-SP	YA-GD30HP-SP	YA-GD50HP-SP	YA-GD75HP-SP	YA-GD100HP-SP	YA-GD150HP-SP
粉碎口径 Grinding Chamber (mm)	360×260	420×280	480×330	660×350	720×500	955×820	1050×820	11445×820
粉碎能力 Grinding Capacity (kg/h)	170-340	255-420	300-460	420-680	680-1000	700-1200	850-1400	1200-1800
固定刀 Stationary Cutter	2	2	2	4	4	4	4	6
旋转刀 Rotary Cutter	6	6	6	9	9	12	12	15
筛网孔径 Mesh Size (mm)	φ10	φ10	φ10	φ12	φ12	φ12	φ12	φ12
功率 Power	kW	7.5	11	15	22	37	55	75
	HP	10	15	20	30	50	75	100
外形尺寸 Dimensions (L×W×H×H1 mm)	1000×830×1270×960	1200×995×1540×1215	1300×1075×1725×1350	1500×1330×1880×1480	2000×1535×2470×1914	2420×2050×3500×2460	2420×2145×3500×2460	2600×2710×3820×2800
净重约 Approx.Net Weight (kg)	540	800	1023	1723	2750	5400	6250	7500
静音尺寸 Dimension for SP (mm) (L×W×H×H1 mm)	1250×880×1500×1190	1420×1020×1760×1440	1500×1140×1920×1540	1750×1400×2140×1735	2150×1570×2770×2200	2630×2070×3760×2720	2630×2165×3760×2720	2600×2710×4100×3020
回收风机功率 Collective Blower (kW)	2.2	2.2	2.2	3	4	5.5	7.5	7.5
静音重量约 Approx.N.W.for SP (kg)	750	1180	1400	2280	3630	5900	6500	8320
备注: 型号"SP"代表集中静音破碎机 PS.: "SP" stands for soundproof granulator with collecting device.								

备注：1.电压：AC380V 3PH 50Hz;
Note: 1. Voltage: AC380V 3PH 50Hz;

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We reserve the right to change specifications without prior notice.

技术参数(爪型) SPECIFICATIONS (Claw type)

型号 Model	YA-GY10HP	YA-GY15HP	YA-GY20HP	YA-GY30HP	YA-GY50HP	YA-GY75HP	YA-GY100HP	YA-GY150HP
	YA-GY10HP-SP	YA-GY15HP-SP	YA-GY20HP-SP	YA-GY30HP-SP	YA-GY50HP-SP	YA-GY75HP-SP	YA-GY100HP-SP	YA-GY150HP-SP
粉碎口径 Grinding Chamber (mm)	360×260	420×180	480×330	660×350	720×500	955×820	1050×820	1445×820
粉碎能力 Grinding Capacity (kg/h)	200-400	300-500	350-550	500-800	800-1200	850-1300	1000-1500	1400-2000
固定刀 Stationary Cutter	2	2	2	4	4	4	4	6
旋转刀 Rotary Cutter	18	21	24	27	27	30	33	45
筛网孔径 Mesh Size (mm)	φ10	φ10	φ10	φ12	φ12	φ12	φ12	φ12
功率 Power	kW	7.5	11	15	22	37	55	75
	HP	10	15	20	30	50	75	100
外形尺寸 Dimensions (L×W×H×H1 mm)	1000×830×1270×960	1200×995×1540×1215	1300×1075×1725×1350	1500×1330×1880×1480	2000×1535×2470×1914	2420×2050×3500×2460	2420×2145×3500×2460	2420×2145×3500×2460
净重约 Approx.Net Weight (kg)	540	835	1100	1810	2750	5400	6250	8100
静音尺寸 Dimension for SP (mm) (L×W×H×H1 mm)	1250×880×1500×1190	1420×1020×1760×1440	1500×1140×1920×1540	1750×1400×2140×1735	2150×1570×2770×2200	2630×2070×3760×2720	2630×2165×3760×2720	2600×2710×4100×3020
回收风机功率 Collective Blower (kW)	2.2	2.2	2.2	3	4	5.5	7.5	7.5
静音重量约 Approx.N.W.for SP (kg)	860	1180	1400	2280	3630	5900	6500	8940
备注: 型号"SP"代表集中静音破碎机 PS.: "SP" stands for soundproof granulator with collecting device.								

备注：1.电压：AC380V 3PH 50Hz;
Note: 1. Voltage: AC380V 3PH 50Hz;

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强力破碎机

STRONG GRANULATOR

片型破碎机

FLAKE TYPE GRANULATOR

特点：

- ◎ 片型刀结构设计，适合破碎普通片材、管材、型材、板材及包装材料等塑料制品、浇道口物料；
- ◎ 投料斗前后双层隔音设计，中间填充隔音材料，有效降低噪音；
- ◎ 刀具采用高强度合金工具钢，硬度高，耐磨性强，刀片磨削可重复使用；
- ◎ 设有多项安全保护装置，确保操作安全；
- ◎ ≥30HP 以上机器箱体标配冷却系统，可有效的降低粉碎室和轴承的温度，避免粉碎料融结和提高轴承的使用寿命；
- ◎ ≥75HP 以上投料斗及筛网托架标配气缸系统，其他型号可选配；
- ◎ 可选配自动回收及自动筛粉系统，达到更好的收集效果。

FEATURES

- ◎ Flake type blade design, suitable for crushing general plastics like sheets, tube, profiles and packing materials, also runners, etc;
- ◎ Feeding hopper with back and front double layered insulation for effective noise handling;
- ◎ Blades are made of high-strength alloy tool steel, with high hardness, good abrasion resistance, and long durability;
- ◎ Equipped with multiple safety protection devices to ensure safe operation;
- ◎ ≥30HP standard with chamber cooling system, effectively reducing the heat of chamber and bearing, to preventing material melting and fusion and ensure long durability of bearing;z
- ◎ ≥75HP with cylinder system on feeding hopper and mesh screen, optional for other models as well;
- ◎ Optional for auto collecting and dust separating system for better collecting purposes.



筛网 Screen Mesh

筛网之孔径决定破碎颗粒大小，可根据客户要求订做
Customized screen mesh available



片型刀架

Flake Cutter Saddle

技术参数 SPECIFICATIONS

型号 Model	YA-GP230	YA-GP300	YA-GP400	YA-GP500	YA-GP600	YA-GP800	YA-GP960	YA-GP1100	YA-GP1200
	YA-GP230-SP	YA-GP300-SP	YA-GP400-SP	YA-GP500-SP	YA-GP600-SP	YA-GP800-SP	YA-GP960-SP	YA-GP1100-SP	YA-GP1200-SP
粉碎口径 Grinding Chamber (mm)	230×200	310×200	410×240	510×300	610×330	815×470	960×610	1100×800	1200×800
粉碎能力 Grinding Capacity (kg/h)	100-150	150-200	200-250	300-350	350-450	450-600	800-1000	1000-1200	1000-1500
固定刀 Stationary Cutter	2	2	2	2	4	4	4	4	4
旋转刀 Rotary Cutter	6	9	12	15	18	24	30	33	36
筛网孔径 Mesh Size (mm)	φ8	φ8	φ8	φ10	φ10	φ10	φ12	φ12	φ12
功率 Power	kW	4	5.5	7.5	11	15	22/30	37/45/55	75
	HP	5	7.5	10	15	20	30/40	50/60/75	100
外形尺寸 Dimension (L×W×H×H1 mm)	800×660×1120×875	920×725×1200×960	980×810×1260×985	1200×970×1570×1230	1200×1070×1670×1300	1600×1555×2190×1670	2000×1725×2720×2050	2420×2200×3430×2380	2420×2300×3430×2380
净重约 Approx.Net Weight (kg)	227	420	500	805	940	2000	3000	6000	6500
静音尺寸 Dimension for SP (mm) (L×W×H×H1 mm)	1020×730×1320×1075	1250×830×1530×1280	1350×930×1590×1320	1560×1070×1784×1440	1560×1170×1870×1500	1900×1510×2460×1940	2150×1794×2990×2320	2630×2280×3800×2760	2630×2380×3800×2760
回收风机功率 Collective Blower (kW)	2.2	2.2	2.2	2.2	2.2	3	4/4.5	7.5	7.5
静音重量约 Approx.N.W.for SP (kg)	400	535	604	1220	1420	2380	3500	6500	6800
备注: 型号"SP"代表集中静音破碎机 PS.: "SP" stands for soundproof granulator with collecting device.									

备注: 1.电压: AC380V 3PH 50Hz;
Note: 1. Voltage: AC380V 3PH 50Hz;



YA-GP500

标准配置
Standard Application

碎料自动回收系统

GRANULATING AUTO COLLECTING SYSTEM

特点：

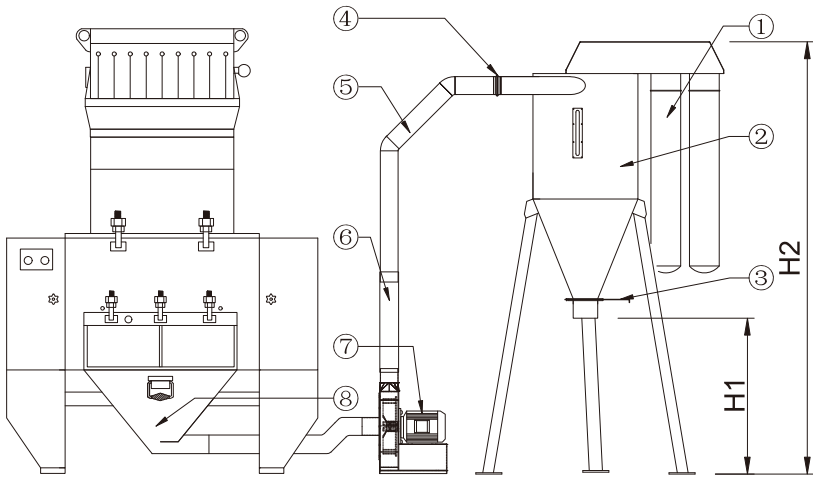
- ◎ 回收风机采用独特设计，风力大、叶片耐磨性强，风叶拆装便捷，容易清洁；
- ◎ 可与任意型号破碎机搭配使用；
- ◎ 经破碎机破碎过的碎料自动回收，无需人工参与；
- ◎ 管道及回收桶采用不锈钢材料制作，防止物料不受污染；
- ◎ 配置集尘装置，收集粉尘，防止空气污染；
- ◎ 拆装、清理方便快捷。

FEATURES

- ◎ Recycling blower is uniquely designed with strong wind power,wear-resistant paddle, convenient disassembly and easy cleaning;
- ◎ Compatible with all series of granulators;
- ◎ Automatic collecting regrinds from crusher, no need manual involvement required;
- ◎ Pipes and recycling silo are made of stainless steel to prevent materials from being contaminated;
- ◎ Equipped with dust collection device to collect dust and prevent air pollution;
- ◎ Easy and fast to disassemble and clean.



结构简图 STRUCTURAL DIAGRAM



- ① 集尘袋 Dust Collecting Bag
- ② 储料桶 Hopper Tank
- ③ 抽拉板 Baffle
- ④ 快装接头 Quick Joint
- ⑤ 不锈钢管 Stainless Steel Pipe
- ⑥ PCV 钢管 PVC Pipe
- ⑦ 送料风机 Loading Blower
- ⑧ 接料斗 Receiver

技术参数 SPECIFICATIONS

型号 Model	YA-HS3HP	YA-HS4HP	YA-HS5HP	YA-HS7.5HP	YA-HS10HP
马达 Motor Power	2.2kW/3HP	3kW/4HP	4kW/5HP	5.5kW/7.5HP	7.5kW/10HP
配管直径 Loading Pipe Diameter (mm)	Φ89	Φ102	Φ102	Φ127	Φ127
输送高度 Lift (m)	3	4	5	5	5
储料筒容量 Hopper Capacity (kg)	100	100	100	200	200
适配破碎机型 Suitable Crusher Model (Hp)	5~20	30~40	50	75	100
回收桶高度 Height of Collecting Tank (mm)	H1	970	970	1075	1075
	H2	2850	2850	2850	2950

备注: 1.电压: AC380V 3PH 50Hz;
Note: 1. Voltage: AC380V 3PH 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.

自动牵引破碎机

GRANULATOR WITH
AUTO FEEDER

特点：

- ◎适用于流延机、压延机、片材机、板材机等挤出生产中分切的各种软硬质边料（PVC\PET\PE\PP\PS\GPPS\PMMA 等材质的片、板、膜边料）破碎回收，牵引滚轴可根据材料厚度自动调节；
- ◎经牵引系统自动牵引至粉碎室粉碎，无需人工参与；
- ◎配备变频调速电机，可根据需求调整牵引速度；
- ◎配备物料缺少或牵引过快限位开关；
- ◎选配自动回收及自动筛粉系统，达到更好的收集效果。

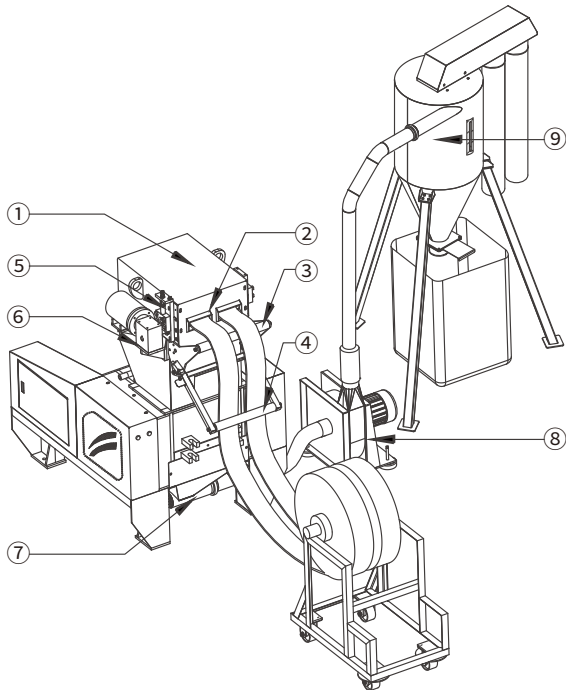
FEATURES

- ◎Applicable for all kinds of soft or hard runner parts occurred during extrusion productions like casting, calendaring, sheet and board molding(usually flakes or film runners like PVC\PET\PE\PP\PS\GPPS\PMMA),etc.; The puller roller would auto adjust according to material thickness;
- ◎Automatic dragging materials into crushing chamber, free of human intervention;
- ◎With speed adjustable converter motor to run different pulling speed as needed;
- ◎With material shortage or over-speeding limit switch;
- ◎Optional for auto collecting system and powder sifting system to achieve better collection effect.



牵引装置应用示意图 TRACTION DEVICE APPLICATION DIAGRAM

- ① 牵引投料斗 Traction Feeding Hopper
- ② 进料面板 Feeding Inlet
- ③ 输送滚筒 Conveying Barrel
- ④ 防缺料装置 Anti Shortage Device
- ⑤ 压紧调节弹簧 Compression AdjustingSpring
- ⑥ 减速机 Reducer
- ⑦ 接料斗 Receiver
- ⑧ 送料风机 Loading Blower
- ⑨ 储料桶 Hopper Tank



V型破碎机

V TYPE GRANULATOR

特点：

- ◎独特的剪刀型刀架结构，切削效率更高；
- ◎投料斗前后双层隔音设计，中间填充隔音材料，有效降低噪音；
- ◎刀具采用高强度合金工具钢，硬度高，耐磨性强，刀片磨削可重复使用；
- ◎没有多项安全保护装置，确保操作安全；
- ◎≥30HP 以上机器箱体标配冷却系统，可有效的降低粉碎室和轴承的 温度，避免粉碎料融结和提高轴承的使用寿命；
- ◎≥75HP 以上投料斗及筛网托架标配气缸系统，其他型号可选配；
- ◎适用于各种中空产品、皮革、PE 薄膜、PET 矿泉水瓶等破碎回收；
- ◎可选配自动回收及自动筛粉系统，达到更好的收集效果。

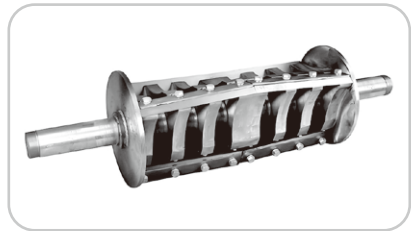
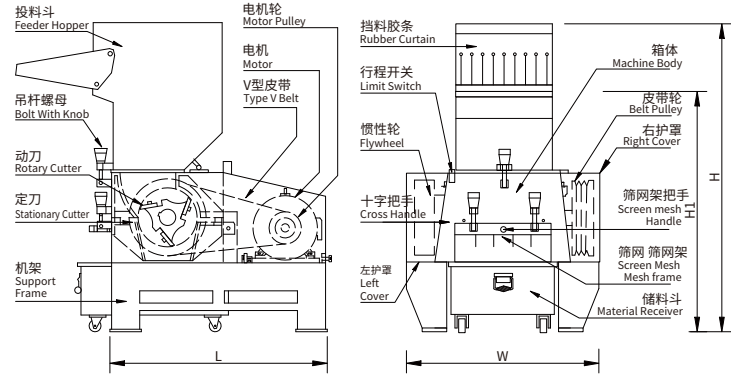
FEATURES

- ◎Unique scissors type structure, conducive to improve cutting efficiency;
- ◎Feeding hopper with back and front double layered insulation for effective noise handling;
- ◎Blades are made of high-strength alloy tool steel, with high hardness, good abrasion resistance, and long durability;
- ◎Equipped with multiple safety protection devices to ensure safe operation;
- ◎≥30HP default with chamber cooling system, effectively reducing the heat of chamber and shaft to ensure long durability and preventing material melting and fusion;
- ◎≥75HP with cylinder system on feeding hopper and mesh screen, optional for other models as well;
- ◎Suitable for all kinds of large-scale hollow products, leather, PE film, PET bottles, etc.;
- ◎Optional for auto collecting and dust separating system for better collecting purposes.



YA-GV800
标准配置
Standard Configuration

结构简图 STRUCTURAL DIAGRAM



V型刀架
V type cutter saddle

技术参数 SPECIFICATIONS

型号 Model	YA-GV600	YA-GV800	YA-GV960	YA-GV1100
	YA-GV600-SP	YA-GV800-SP	YA-GV960-SP	YA-GV1100-SP
粉碎口径 Grinding Chamber (mm)	610x330	815x470	960x610	1100x800
粉碎能力 Grinding Capacity (kg/H)	130-230	180-280	230-450	500-800
固定刀 Stationary Cutter	4	4	4	4
旋转刀 Rotary Cutter	6	6	6	6
筛网孔径 Mesh Size (mm)	Φ10	Φ10	Φ12	Φ12
功率 Power	kW	15	22	37/55
	HP	20	30	50/75
外形尺寸 Dimensions (LxWxH1 mm)	1200x1070x1670x1300	1600x1555x2190x1670	2000x1725x2720x2050	2420x2200x3430x2380
净重 Approx. Net Weight (kg)	1100	1840	2600	5500
静音尺寸 Dimensions for SP (mm)	1560x1170x1870x1500	1900x1510x2460x1940	2150x1794x2990x2320	2630x2280x3800x2760
回收风机功率 Collective Blower (kW)	2.2	3	4	7.5
静音重量 Approx. N.W for SP (kg)	1150	2250	3500	6500

备注：型号 “SP ”代表集中静音破碎机
说明：此粉碎能力根据 PET 矿泉水瓶计算，不同产品粉碎能力不相同。
PS: "PS" stands for soundproof granulator with collecting device.
Note: The capacities are based on PET water bottles and may differ with other materials.

GB系列破碎机

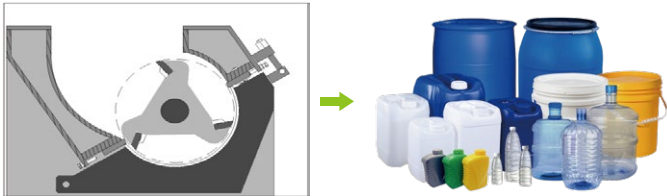
GB SERIES GRANULATOR

特点：

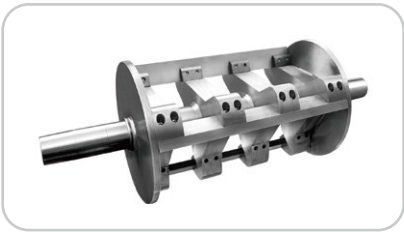
- ◎针对中空瓶、中空桶独特的前置刀型专利设计，独特的切削角度和切削空间设计，可将破碎料送至转刀中央，切削角度大，效率极高，成片均匀，粉末少；
- ◎投料斗四面双层隔音设计，内层采用不锈钢材质，中间填充隔音材料，静音效果好；
- ◎刀具采用高强度合金工具钢，硬度高，耐磨性强，刀片磨削可重复使用；
- ◎采用内六角螺丝沉孔安装，不会因为长时间使用而磨损螺丝；
- ◎≥75HP 以上投料斗及筛网托架标配气缸系统，其他型号可选配；
- ◎机脚采用专利结构设计，承重能力更强，工作时震动更小；
- ◎可选配自动回收及自动筛粉系统，达到更好的收集效果。

FEATURES

- ◎Special patent front-positioning blade design especially for hallow material like bottles and barrels, the special angle and chamber design leading the crushing subject into rotary cutting center, with large cutting angle, excellent efficiency, even flake output and less powder occurred;
- ◎Feeding hopper with double-layered on 4 sides and the inner layer is made of stainless steel with insulation material in between to provide good noise handling;◎Blades are made of high-strength alloy tool steel, with high hardness, good abrasion resistance, and long durability;
- ◎Adopted hexagon socket screw installation way of the blades, free from wearing lose on screws in long term utility;
- ◎≥75HP with cylinder system on feeding hopper and mesh screen, optional for other models as well;
- ◎Patent designed foot stands with heavy duty capability and low vibration in running;
- ◎Optional for auto collecting and dust separating system for better collecting purposes.



YA-GB30HP
标准配置
Standard Configuration



GB刀架
GB cutter saddle

技术参数 SPECIFICATIONS

型号 Model		YA-GB20HP	YA-GB30HP	YA-GB50HP	YA-GB75HP
粉碎口径 Grinding Chamber (mm)		530x400	660x450	830x520	1100x740
粉碎能力 Grinding Capacity (kg/H)		300-550	400-550	750-1080	800-1200
功率 Power	固定刀 Stationary Cutter	2	4	4	4
	旋转刀 Rotary Cutter	3	6	6	9
筛网孔径 Mesh Size (mm)		Φ14	Φ14	Φ16	Φ16
功率 Power	kW	15	22	37.5	55
	HP	20	30	50	75
外形尺寸 Dimensions (LxWxHxH1 mm)		1430x1120x1930x1458	1650x1330x2050x1550	2000x1610x2690x2030	2450x1940x3460x2710
破碎桶大小 Barrel Volume (L)		30L	30L	100L	200L
破瓶参考尺寸 Barrel Size (mm)		Φ260x490	Φ330x490	Φ420x780	Φ600x1000

注：H1 代表地面离投料口高度
Note: H1 means the height from ground to the feeding hopper.
产品规格若有改变，恕不另行通知。We reserve the right to change specifications without prior notice.

自动筛粉装置

AUTO POWDER SIFTING DEVICE

特点：

- ◎本装置为配合各系列强力粉碎机产品使用，粉碎机在碎料过程中会产生一定的细小粉末，此装置的作用就是将这些粉末自动分离开；
- ◎采用自动送料，利用真空吸料原理，把粉碎料自动送入分离器；
- ◎粉末自动分离，使粉碎过程中产生的粉末，通过分离器从颗粒中分离出去；
- ◎旋风及除尘系统采用不锈钢材质，防止物料不受污染；
- ◎适用于各系列各种规格粉碎机使用。

FEATURES

- ◎Compatible with full series of powerful granulators, during granulating process some small powder may occur, the sifter device is to automatically separate out the powder from the granulated output;
- ◎Automatic Conveying—by vacuum suction the granulated material will be automatically convey to the separator;
- ◎Automatic Separation of powder—separating powder occurred during the granulating process through the separator;
- ◎The cyclone and dust removal system are made of stainless steel to prevent materials from being contaminated;
- ◎Suitable for all granulator models.



结构简图 STRUCTURAL DIAGRAM

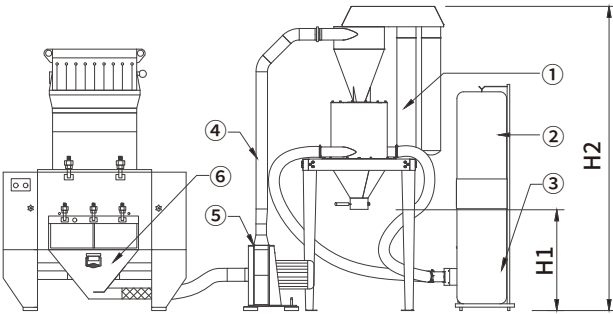
- ①筛粉桶 CycLone

②集尘袋 Dust Collecting Bag

③除尘电机 CycLone Motor
- ④PVC 钢丝管 PVC Pipe

⑤送料风机 Loading Blower

⑥接料斗 Receiver



技术参数 SPECIFICATIONS

型号 Model	3HP	4HP	5HP	7.5HP	10HP
回收风机 Collective blower (Hp/kW)	3HP/2.2kW	4HP/3kW	5HP/4kW	7.5HP/5.5kW	10HP/7.5kW
回收风机的管径 Collective blower pipe diameter (mm)	89	102	102	127	127
筛粉风机 Dust separated blower (HP/kW)	3HP/2.2kW				
筛粉风机的管径 Dust separated blower pipe diameter (mm)	89				
适用机型 Applicable models	5HP-20HP	30HP-40HP	50HP	75HP	100HP

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 DOSERS

YAM 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。

YAM 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：

- ◎ 模块化可拆卸式结构设计，可快速更换螺杆及套筒；
- ◎ 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，无减速机，寿命长、免维护；
- ◎ 采用 PLC 触控屏控制器，确保精度更高，更稳定；
- ◎ 可存储 50 组配方，可快速启动机器；
- ◎ 螺杆采用 SUS304 不锈钢材质，经久耐用；
- ◎ 计量部分可以从底座整体拆除而不会漏料，底座侧面有可视窗装置，易观察原料；
- ◎ 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；
- ◎ 有大小底座和搅拌功能可供选择；
- ◎ 可选配低料位计，方便在缺料时提前报警；
- ◎ 配备通讯功能，可实现自动化远程管理。

FEATURES

- ◎ Modular and detachable structural design enables quick replacement for screw and sleeve;
- ◎ Using the high accuracy hybrid stepping motor, measurement accuracy and wide output range;
- ◎ Motor drive directly, without gearbox, long service life, maintenance-free;
- ◎ Adopted PLC touch screen controller, the control accuracy is higher and more stable;
- ◎ Capable of saving 50 recipes of formula and fast booting;
- ◎ SUS304 stainless steel screw, more durable;
- ◎ The metering part can be removed from the base as a whole without material leakage. The side of the base has a window device for easy observation of the raw materials.
- ◎ With memory of current running mode, no affect by power-cut and instant recover with power back on;
- ◎ With mandatory cleaning function to quickly changing master batch;
- ◎ Alternative for standard or enlarged base while either is also optional for extra mixing function;
- ◎ Optional for low level sensor to alarm for material shortage;
- ◎ Default with communication function to realize automated management.



结构简图 STRUCTURAL DIAGRAM

- ① 主料斗 Raw material hopper

③ 色母料斗 Masterbatch hopper

⑤ 视窗 Viewer

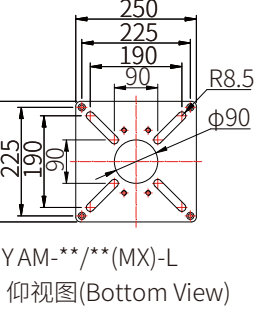
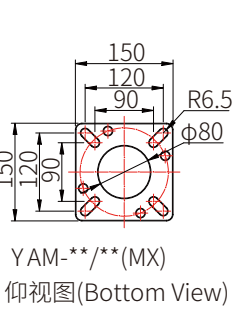
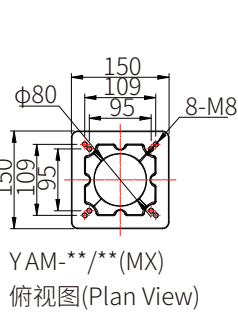
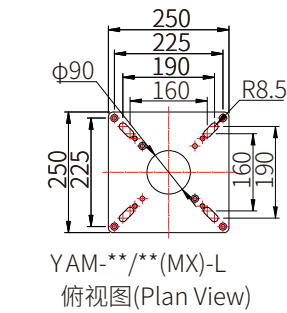
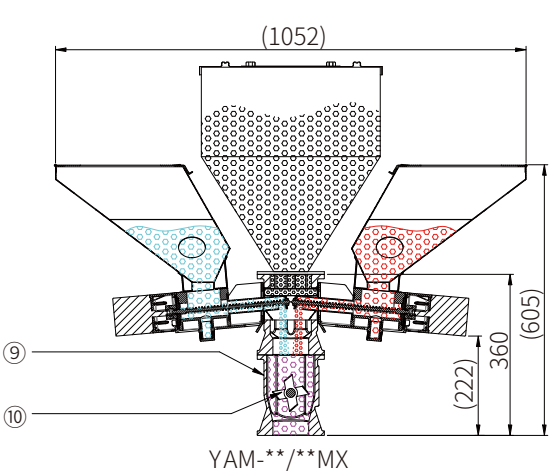
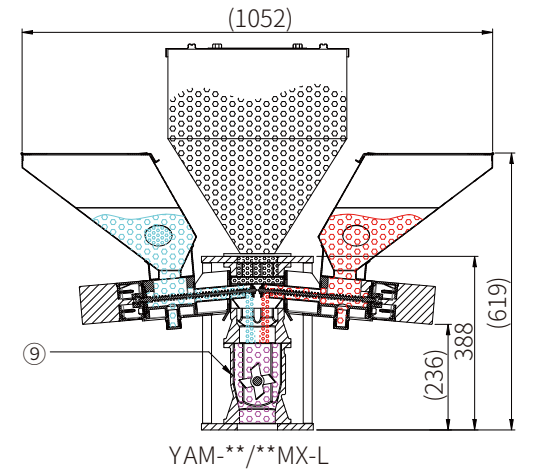
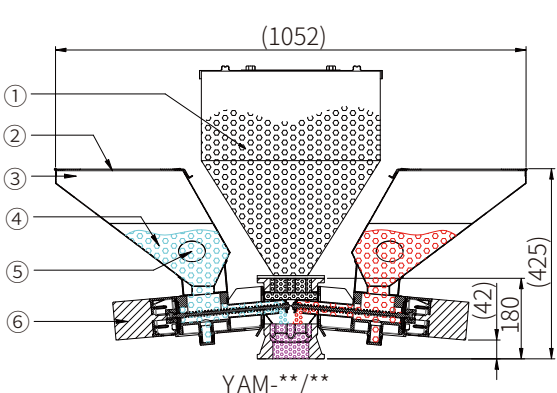
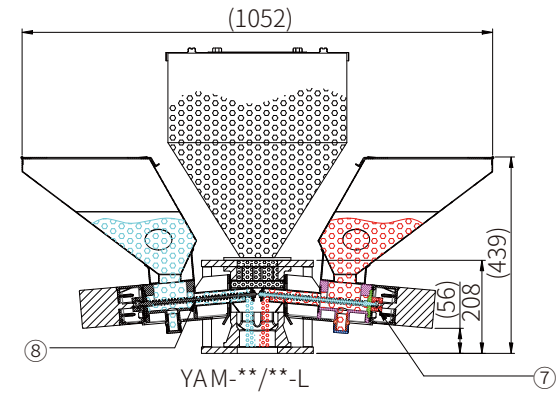
⑦ 联轴器 Coupling
- ② 色母料斗盖 Hopper cover

④ 色母料 Masterbatch

⑥ 减速马达 Motor

⑧ 送料螺杆 Screw
- ⑨ 底座(带搅拌) Base(with mixer)

⑩ 搅拌桨叶 Mixer blades



选购配件 ACCESSORIES



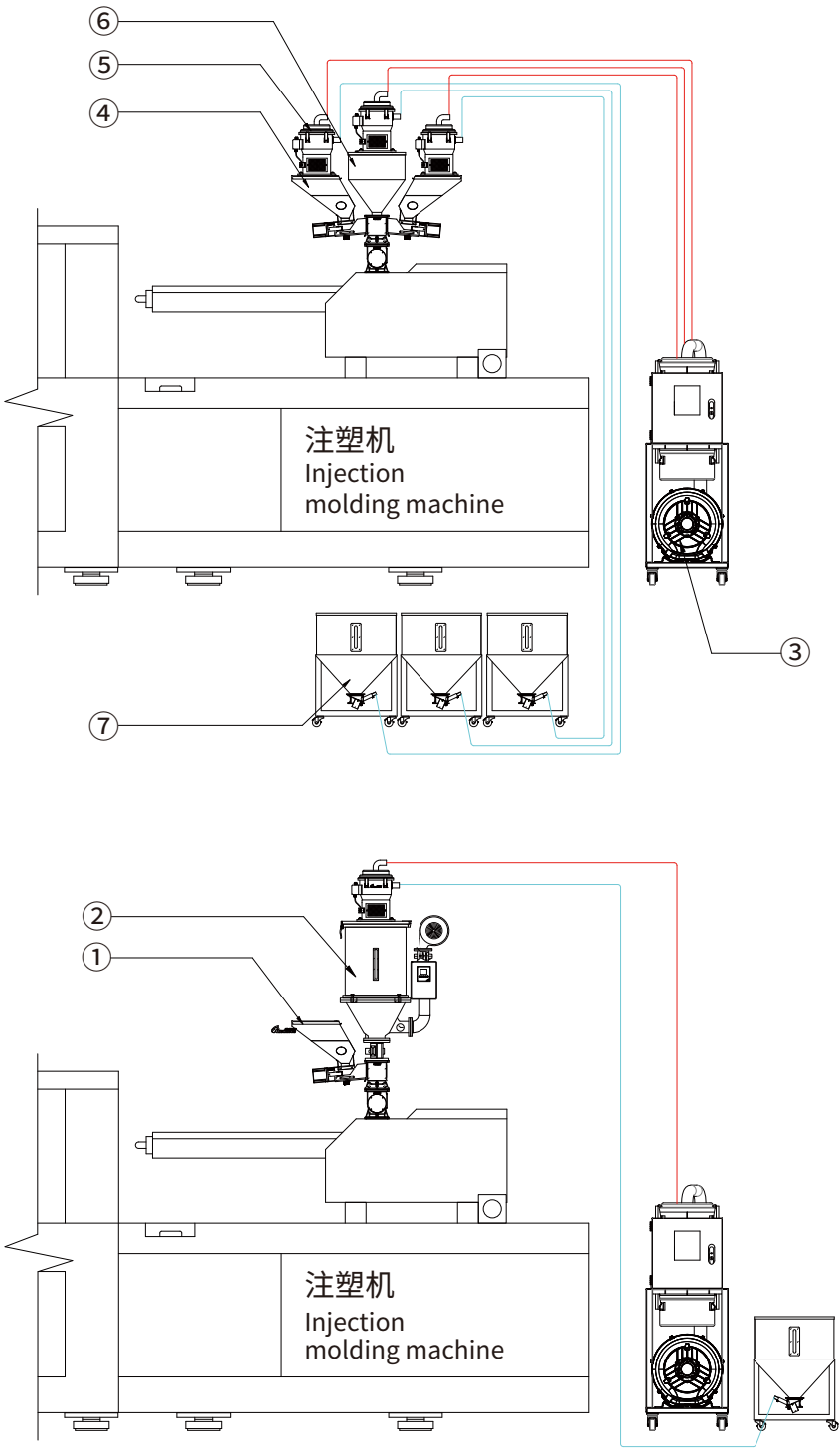
技术参数 SPECIFICATIONS

型号 Model	单色机 Single color unit		双色机 Double color unit	三色机 Three color unit
	YAM-12	YAM-16	YAM-*/**D2	YAM-*/**/*D3
马达功率 Motor (HP/kW) (kW)	0.3		0.3×2	0.3×3
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 (kg/hr)	0.05-15	0.5-25	*	*
储料桶 Material storage barrel (L)	13		13	13
主原料斗 Main material hopper	选配 Optional			
搅拌器 Mixer				
净重 Approx. net weight (kg)	25		45	75
外形尺寸 Dimensions	见附图 (Please find the figures above)			

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

安装示意图 INSTALLATION DIAGRAM

- ① 计量式色母机 Volumetric doser
- ② 干燥机 Hopper dryers
- ③ 大功率吸料机 Separate-vacuum hopper loader
- ④ 双色色母机 Double color doser
- ⑤ 料斗 Hopper
- ⑥ 主料斗 Raw material hopper
- ⑦ 储料箱 Material tank



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。

FEATURES

- ◎All contact parts to raw materials are made by stainless steel;
- ◎Mixing is done while measuring, no need extra stirring;
- ◎Fully mixing materials with large differences in specific gravities, shapes or sizes;
- ◎No stirring required could avoid generation of static or dust;
- ◎Modular assembly structure, easy to disassemble and assemble, easy to clean and swap parts;
- ◎Default with a manual cleaning valve to change materials;
- ◎Formula can be stored, easy to switch and apply 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 discharging capacity.



触摸屏
Touch Screen

技术参数 SPECIFICATIONS

型号 Model	螺杆直径 (mm) Screw diameter	料仓容量 (L) Silo capacity	最大处理量 (kg/hr) Max. capacity	添加剂混料范围 (%) Additive mixing range	外形尺寸 WxDxH (mm) Dimensions
YA-PM40-3	φ 40*2 φ 25*1	35L*3	50-200	≤2%	795*690*815
YA-PM40-4	φ 40*2 φ 25*2	30L*4	50-350		

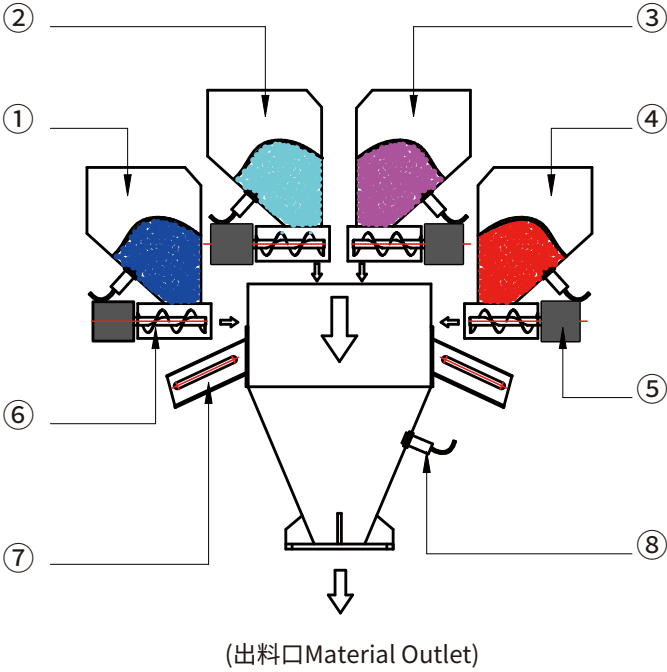
注： (1) 最大处理量是以比重为0.65,直径为2-3mm的塑料颗粒、连续运行测试所得数据。
(2) 电压规格：220V/50HZ/1P。
(3) 产品规格若有变更，恕不另行通知。
(4) 配脚架使用时，在型号后加“FS”。

Note: (1) The maximum processing capacity is the data obtained from the continuous operation test of plastic particles with a specific gravity of 0.65 and a diameter of 2-3mm.
(2) Voltage: 220V/50HZ/1P.
(3) Product specifications are subject to change without further notice.
(4) When using floor stand, add "FS" behind of the model number.

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

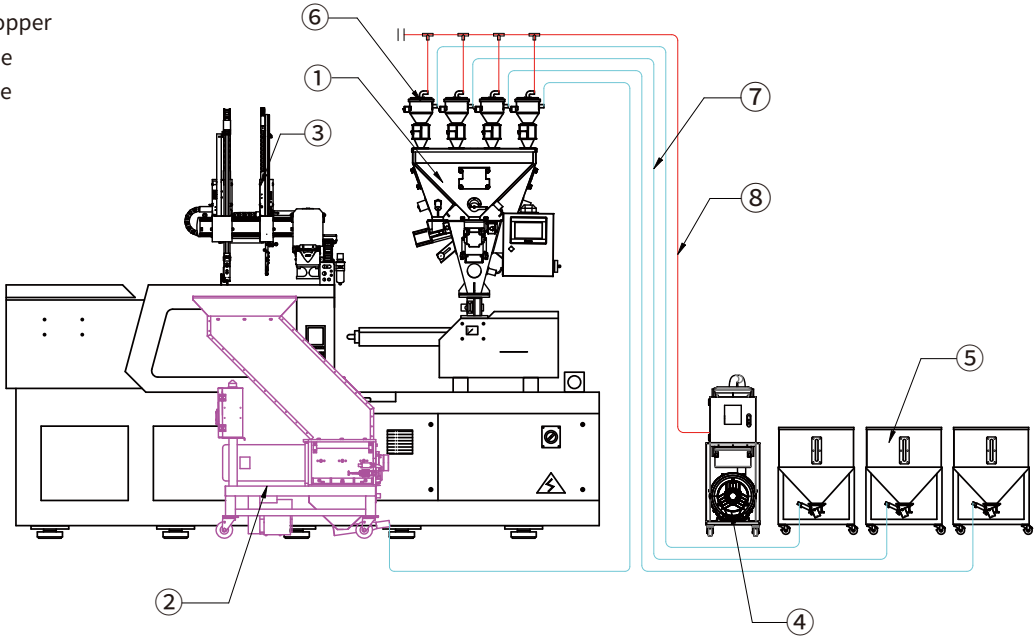
结构简图 STRUCTURAL DIAGRAM

- 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 Proportional Mixer
- ② 机边破碎机 Low Speed Online 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 Hopper
- ⑦ 吸料管 Material Pipe
- ⑧ 吸风管 Vacuum Pipe



称重式色母机

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。

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。

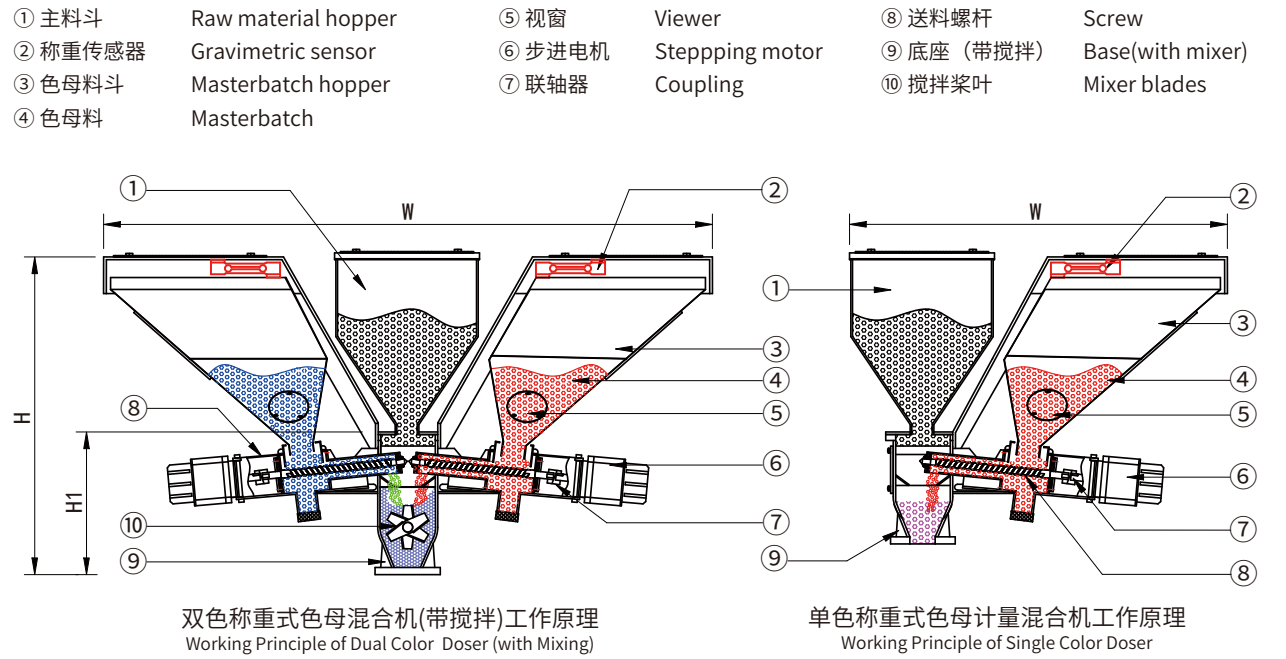
FEATURES

- ◎ Adopt stainless steel screw, reliable and durable;
- ◎ Adopts high-precision hybrid stepping motors, has accurate and stable feeding and a speedy respoinse;
- ◎ 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.

APPLICATION

◎ Gravimetric doser adopts high-precision hybrid stepping motors 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.

安装示意图 INSTALLATION DIAGRAM



技术参数 SPECIFICATIONS

型号 Model	单色机 Single color unit			双色机 Double color unit				三色机 Three color unit			
	YGD-12/16/20			YGD-*/**D2				YGD-*/**/D3			
马达功率 Motor (HP/kw) (kW)	0.3			0.3*2				0.3*3			
马达转速 Motor 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 / 20 / 25										
输出量 Output (kg/hr)	0.05-15	0.5-25		**				**			
储料桶 Material Storage Barrel (L)	13			13				13			
主原料斗 Main Material Hopper	选配 Optional										
搅拌器 Mixer											
净重 Approx.Net Weight (kg)	25			45				75			
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	小底座 Small base	小底座带搅拌 Small bass mixing	大底座 Large bass mixing	大底座带搅拌 Large base mixing
H (mm)	430	530	600	430	530	550	600	430	530	550	600
W (mm)	560			1010	1010	1090	1090	1010	1010	1090	1090
D (mm)	300			300				560			
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 Maxing 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：YAD-12，输出量即为0.05~20 kg/hr

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：AC220V 1PH 50/60Hz；

Note:

1) “*” means the output capacity depends on the screw selected, data of the single color doser can be a reference. For example: YAM-12, output capacity is 0.05~20 kg/hr;

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 : AC220V 1PH 50/60Hz.

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

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，维护简便；
- ◎ 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 ±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 USB2.0 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都由不锈钢材料制成，防止原料被污染；
- ◎ 可直接安装在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。

FEATURES

- ◎ Modular and detachable structure design, saving space and easy to clean;
- ◎ Using PLC controller, the control accuracy is higher, more stable, and easy to maintain;
- ◎ Adopt advanced control algorithm, self-optimization, automatic adjustment compensation and vibration prevention functions to ensure the best batching accuracy;
- ◎ 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;
- ◎ USB2.0 interface for saving recipe data to flash disk, facilitate the quality management;
- ◎ With sound and light alarm, the operator can quickly reach the faulty site;
- ◎ 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);
- ◎ Communication function to realize automated management.

选配件 OPTIONAL PARTS

- ◎ 料斗低料位警报开关；
- ◎ 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 stand, 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.



YAB-1200-4
(直接安装型 Mounted Directly on Machine)

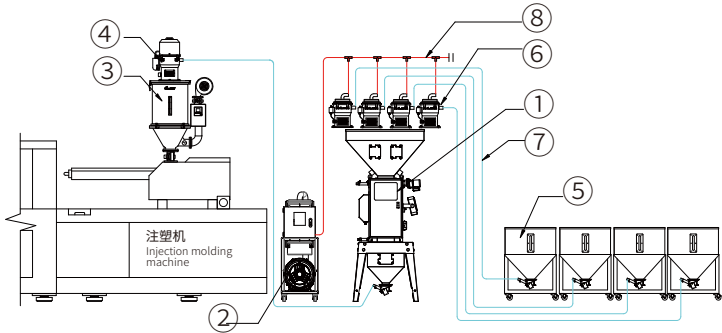


YAB-400-4-R1-FS
(脚架安装型 Mounted on Stand Frame)

脚架安装型

Stand Frame Mount

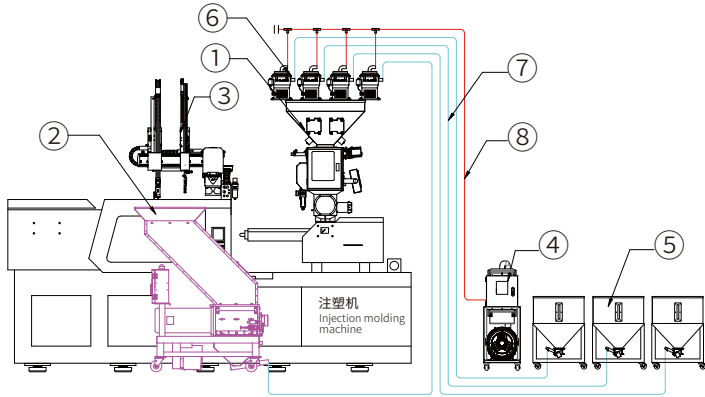
- ① 称重式搅拌机 Gravimetric Blenders
- ② 大功率吸料机 Separate-Vacuum Hopper Loader
- ③ 干燥机 Dryer
- ④ 欧化吸料机 Euro-Auto Loader
- ⑤ 储料箱 Material Tank
- ⑥ 料斗 Hopper
- ⑦ 吸料管 Material Pipe
- ⑧ 吸风管 Vacuum Pipe



直接安装型

Machne Mount

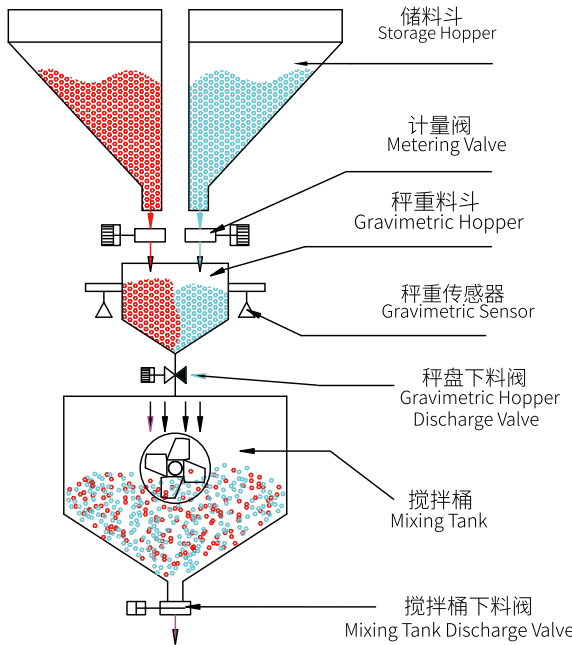
- ① 称重式搅拌机 Gravimetric Blenders
- ② 机边破碎机 Low Speed Online Granulator
- ③ 机械手 Robot
- ④大功率吸料机Separate-Vacuum Hopper Loader
- ⑤ 储料箱 Material Tank
- ⑥ 料斗 Hopper
- ⑦ 吸料管 Material Pipe
- ⑧ 吸风管 Vacuum Pipe



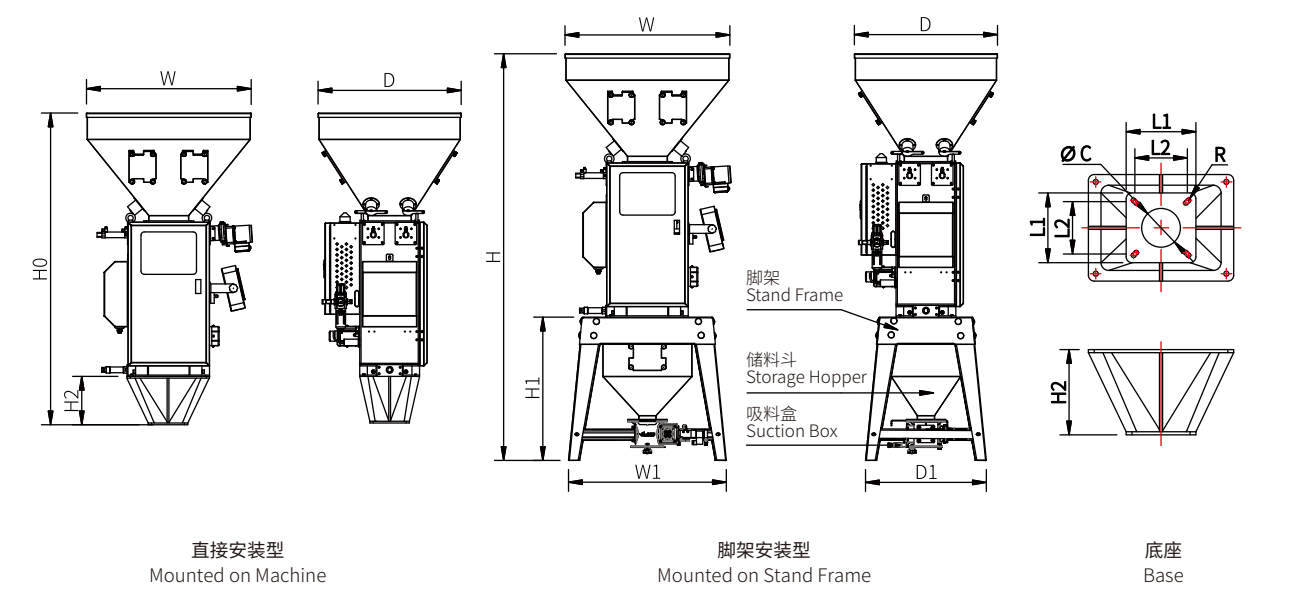
工作原理 WORKING PRINCIPLES

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.



外形图及选配件 OUTLINE DRAWINGS AND OPTIONAL PARTS



技术参数 SPECIFICATIONS

型号 Model		YAB-50	YAB-100	YAB-200	YAB-400	YAB-600	YAB-800	YAB-1200	YAB-2000	YAB-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				
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)		20×2	30×2	40×2	45	70	100	100	160	230
添加剂料斗容积 Additive Hopper Volume (L)		10×2	15×2	20×2	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	0.75	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 Base (mm) (L1*L2*H2*ØC*R)	150×(105~120) ×80x6×**	150×(100~120)×89×6×192		180×(105~140)×100×7×206		200×(120~150)×100×7×230		*****	*****
脚架 Stand (mm) (H1xW1xD1)		560*710*560	600x725x555		730x705x535		760x900x650		890x1000x1000	
净重 Net Weight (kg) (直接安装型 Machine Installation)		90	90	130	140	180	200	250	280	380
净重 Approx.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.

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

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；

FEATURES

- ◎ 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 (WxDxHxH1 mm) Dimensions	转速 (R/min) Rotating speed	净重约(kg) Approx. net weight
	kW	HP					
YA-HL50KG	1.5	2	50	380 3Φ	845×840×1060×450	85	125
YA-HL100KG	3	4	100	380 3Φ	980×975×1275×540	85	180
YA-HL150KG	4	5.5	150	380 3Φ	1125×1105×1420×665	85	270
YA-HL200KG	7.5	10	200	380 3Φ	1250×1170×1430×665	85	313
YA-HL300KG	7.5	10	300	380 3Φ	1250×1170×1630×665	85	323

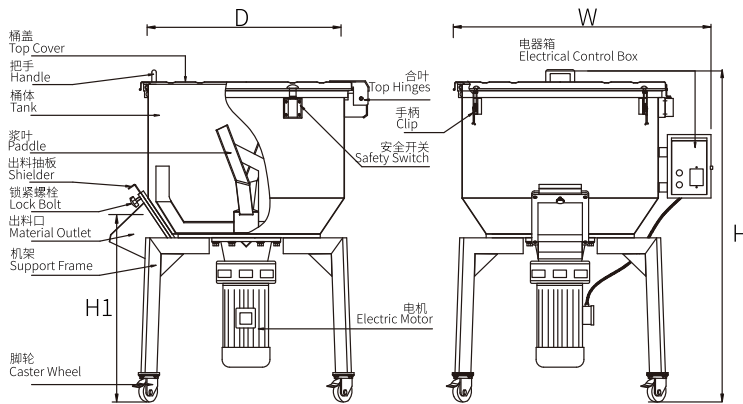
注：1) 机器电压规格为：AC380V 3PH 50Hz。
NOTE: 1) Power supply: AC380V 3PH 50Hz.

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YA-HL50KG

结构简图 STRUCTURAL DIAGRAM



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。

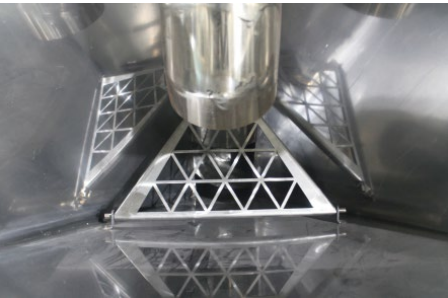
FEATURES

- ◎ Helical circular mixture, fast and evenly stirring;
- ◎ Suitable for mixing master batch 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 large air volume.

工作原理 WORKING PRINCIPLES

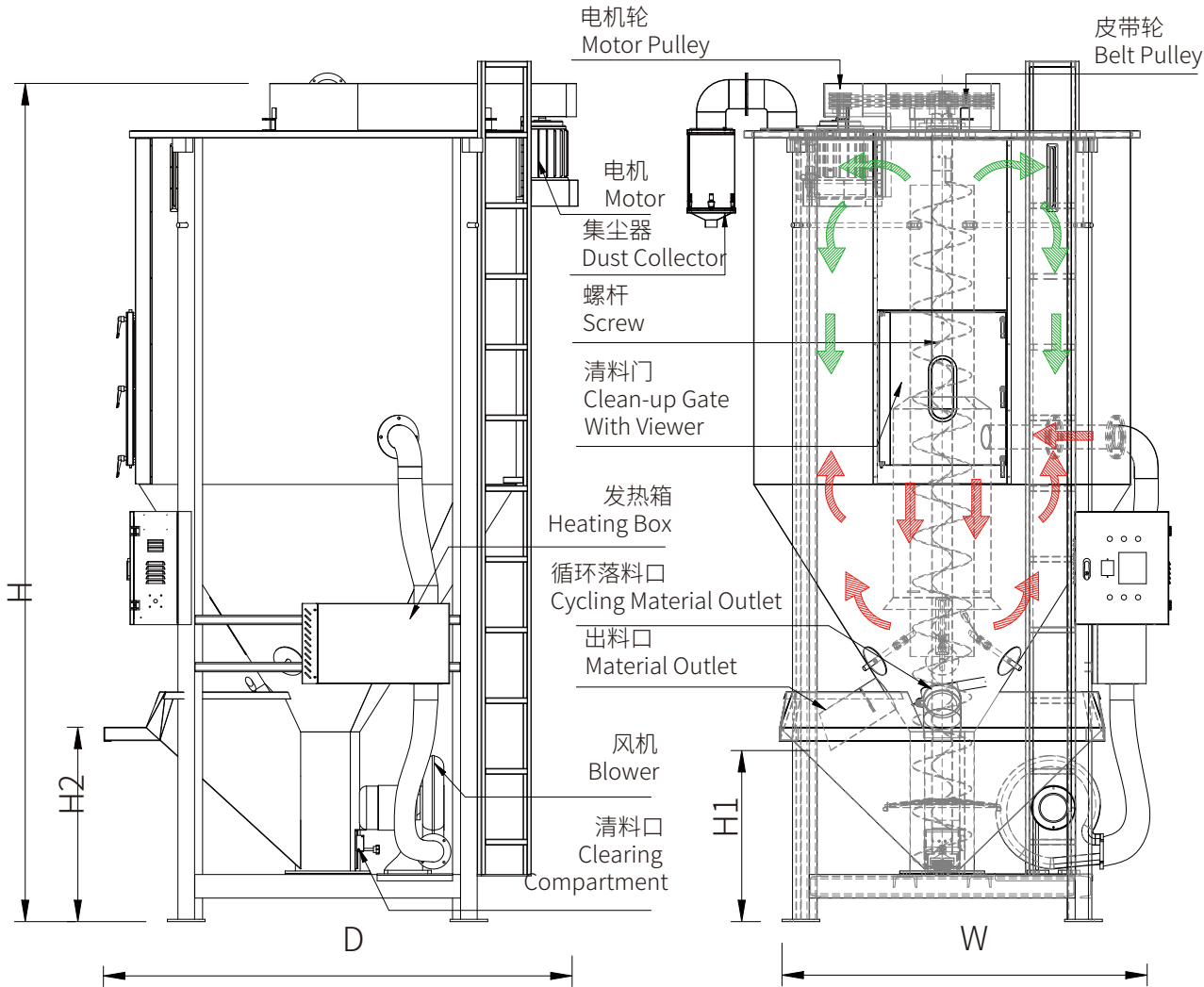
立式搅拌机的工作是利用螺杆的快速旋转将原料从桶体底部由中心提升至顶端，再以伞状飞抛散落，回至底部，这样原料在桶内上下翻滚搅拌，短时间内即可将大量原料均匀的混合完毕。

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.



YA-JBG1000KG

结构简图 STRUCTURAL DIAGRAM



技术参数 SPECIFICATIONS

型号 Model	功率 Power		容量(L) Capacity	电压(V) Voltage	外形尺寸 (mm) Dimensions	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								
YA-JB500KG/JBG500KG	2.2	3	750	380 3Φ	1210x1480x2425x520	660	300	12	0.32	450
YA-JB1000KG/JBG1000KG	3	4	1500	380 3Φ	1636x1800x3070x705	810	300	18	1	630
YA-JB2000KG/JBG2000KG	4	5	3000	380 3Φ	1930x2035x3650x680	825	300	24	1.5	1050
YA-JB3000KG/JBG3000KG	5.5	7.5	4500	380 3Φ	2375x2420x3670x700	845	300	36	2.2	1250
YA-JB5000KG/JBG5000KG	7.5	10	7500	380 3Φ	2375x2420x4560x700	845	300	36	2.2	1500
YA-JB10000KG/JBG10000KG	11	15	15000	380 3Φ	—	—	300	60	5.5	2500

注: 1) 机器电压规格为: AC380V 3PH 50Hz。
NOTE: 1) Power supply: AC380V 3PH 50Hz.

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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；
- ◎ 配有高度调节伸缩架及防滑型脚轮；
- ◎ 可选配吸料枪安装于料桶两侧，便于送料。

FEATURES

- ◎ 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;
- ◎ Adopted with height-adjustable expansion bracket and non-slip caster wheels;
- ◎ Suction tube is for optional, install on both sides of the storage tank, easy for conveying.

结构简图 STRUCTURAL DIAGRAM

- ① 搅拌电机 Mixing motor

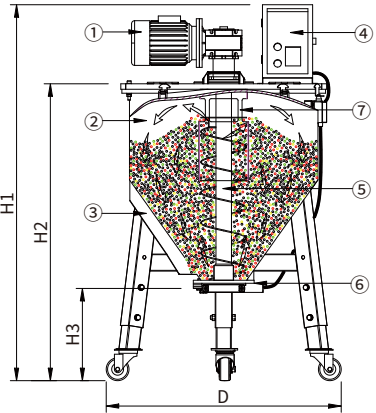
② 搅拌桶 Mixing barrel

③ 吸料口 Suction inlet

④ 控制箱 Controller box
- ⑤ 搅拌叶 Mixing paddle

⑥ 放料门 Material outlet

⑦ 导向套 Guide sleeve



技术参数 SPECIFICATIONS

型号 Model	最大处理量(kg/hr) Max capacity	电机功率(kW) Moto 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
YA-EMT-80U	200	0.55	190	150	1210*950*280*900
YA-EMT-160U	400	0.75		220	1400*1140*310*1010
YA-EMT-300U	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） Mixing time is 15 min in normal condition. 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. (suction tube and suction box are optional for use)					

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



YA-EMT80U

工作原理 WORKING PRINCIPLE

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。

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.

容积式比例混合机

VOLUMETRIC RATIO
OF TWO FEED MIXER

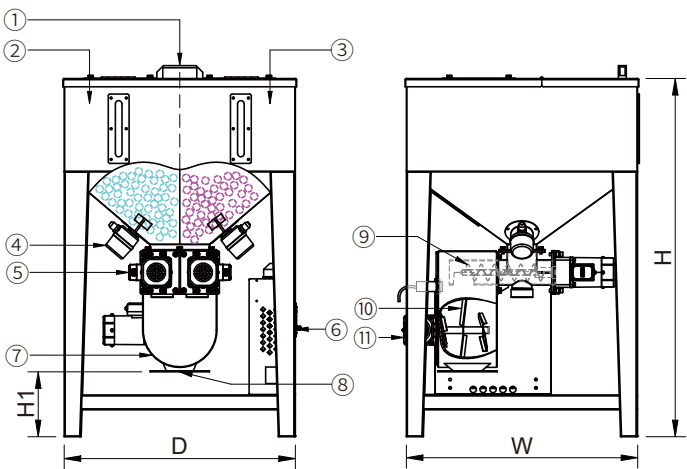
特点：

- ◎ 桶身部分采用 SUS201 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真空料斗或者直接式吸料机；
- ◎ 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；
- ◎ 选配搅拌功能，混合更精准。

FEATURES

- ◎ SUS201 barrel part ensures no contamination on raw materials;
- ◎ Storage barrel divided as Silo 1 and Silo 2. Each hopper could be mounted with vacuum receiver or self-contained loaders;
- ◎ 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;
- ◎ Default with suction box for connection with auto loader;
- ◎ Default with level sensor, buzzer and lamp alarm for material shortage alerting;
- ◎ Optional of mixing function for higher purposes.

结构简图 STRUCTURAL DIAGRAM



- ① 把手 Handle

② 1# 料仓 Silo 1

③ 2# 料仓 Silo 2

④ 料位开关 Level switch

⑤ 减速电机 Gear reducer

⑥ 电器箱 Electrical control box

⑦ 搅拌桶 Mixing tank

⑧ 出料口 Material outlet

⑨ 输送螺杆 Conveying screw

⑩ 桨叶 Paddle

⑪ 搅拌电机 (选配) Mixing motor (optional)

技术参数 SPECIFICATIONS

型号 Model	螺杆电机功率(W) Max capacity	搅拌电机功率(W) Mixing motor power	螺杆直径(mm) Rotating Speed	料仓容量 Silo(1)	料仓容量 Silo(2)	最大处理量(kg/hr) Max capacity	吸料管径Tube diameter (inch)	外形尺寸(mm)WxDxHxH1 Dimensions		
YA-VTM50-160U	60+60	90	50	80	80	480~850	1.5~2.5	710×710×1090×197		
YA-VTM50-320U				160	160			810×810×1420×197		
YA-VTM70-720U	90+90		70	360	360	800~1450		1010×1010×1530×197		
YA-VTM70-1200U				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。
(4)搅拌电机选配（选配搅拌电机型号尾缀MX）

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;
(4) Mixing motor optional.

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



YA-VTM50-160U

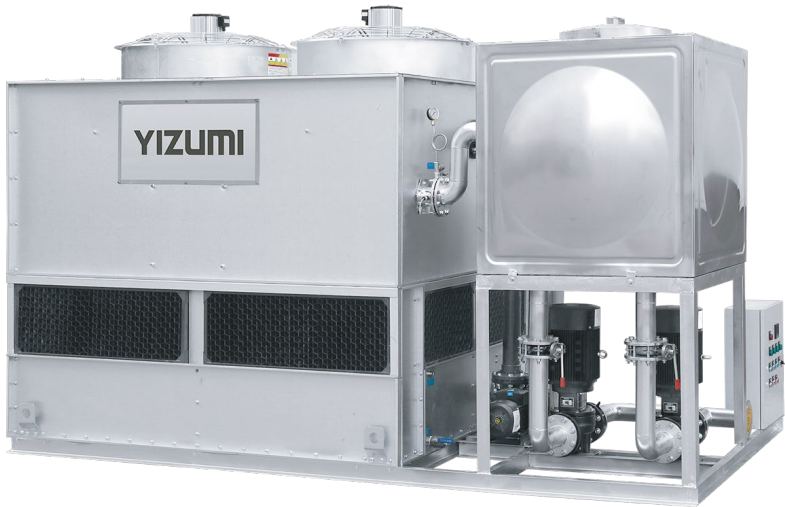
应用范围 APPLICATION

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.

闭式冷却塔

CLOSED COOLING TOWER



特点：

- ◎ 冷却介质封闭循环，没有杂质进入，保证了介质的纯净；
- ◎ 冷却塔采用镀锌铝锌板材质作为塔体的基体钢材，有多种材质选择的盘管冷却器；
- ◎ 喷淋水把冷凝器外壁完全淋湿，避免了在干点部位形成水垢，将系统效率提高到最大的程度；
- ◎ 室外环境使用的三防专用风机，电机采用的防护等级为IP55级，绝缘等级为F级，轴流式风扇铝合金叶片；
- ◎ 占地面积小，可以根据需要移动、摆放，维护成本低。

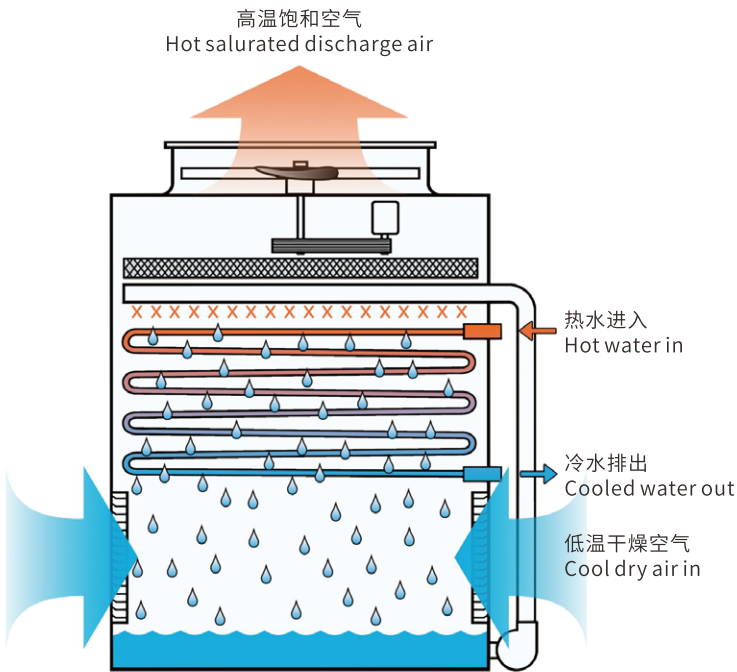
FEATURES

- ◎ The cooling medium has a closed cycle and no impurities enter, ensuring the purity of the medium;
- ◎ The cooling tower uses magnesium-aluminum-zinc plate material as the base steel of the tower body, and there are coil coolers with a variety of materials to choose from;
- ◎ The spray water completely wets the outer wall of the condenser, avoiding the formation of scale in dry spots and maximizing system efficiency;
- ◎ Special three-proof fan for outdoor environment, the motor adopts a protection grade of IP55, an insulation grade of F, and axial flow fan with aluminum alloy blades;
- ◎ Small size, can be moved and placed as needed, and has low maintenance costs.

工作原理 WORKING PRINCIPLE

工作流体(纯水或其他液体)在闭式冷却塔的盘管内部循环,与散热水间接冷却,工作流体热量经过盘管散入流过盘管的水中。同时机组外的空气从底部的进风口进入,与水的流动方向交叉,逆向流经盘管,一小部分水蒸发而吸走热量,热湿空气由冷却塔顶部的通风机排出到大气中。其余的水落入底部水盘,由水泵再循环至水分布系统经过预冷填料又回淋到盘管上。

The working fluid (pure water or other liquid) circulates inside the coil of the closed cooling tower and is indirectly cooled with the radiating water. The heat of the working fluid is dispersed into the water flowing through the coil through the coil. At the same time, the air outside the unit enters from the air inlet at the bottom, crosses the flow direction of the water, and flows in the opposite direction through the coil.A small part of the water evaporates and absorbs the heat.The hot and humid air is discharged into the atmosphere by the ventilator at the top of the cooling tower. The remaining water falls into the bottom water pan. is recirculated by the water pump to the water distribution system,passes through the pre-cooling filler,and is poured back onto the coil.



技术参数 SPECIFICATIONS

型号 Model	冷却能力 Cooling Capacity (kcal/h)	冷却水量 Cooling Water Volume (m³/h)	风机Exhaust Fan			喷淋泵Spray Pump			配管尺寸Pipe size			外形尺寸Dimensions			重量 Weight
			风叶直径 Fan Diameter (mm)	风量 Air Volume (m³/h)	电机功率 Motor Power (kW)	喷淋量 Spray volume (m³/h)	扬程 Distance	功率 Power (kW)	进/出水口径 Inlet/outlet diameter (DN)	排污 Sewage Discharge (DN)	补水 Refilling Water (DN)	长L (mm)	宽W (mm)	高H (mm)	
YA-ST10B	50000	10	700	10*10³	0.75	11	10	0.55	50	25	25	1600	880	1950	400
YA-ST15B	75000	15	700	20*10³	0.75*2	16	7.5	0.75	65	25	25	2300	1020	2150	520
YA-ST20B	100000	20	700	20*10³	0.75*2	20	7	0.75	65	25	25	2300	1020	2150	550
YA-ST30B	150000	30	750	39*10³	1.1*2	22.3	10	1.1	65	32	25	2800	1170	2320	580
YA-ST40B	200000	40	800	40*10³	1.5*2	55	4.5	1.5	80	32	25	2800	1170	2420	900
YA-ST50B	250000	50	800	40*10³	1.5*2	70	4	1.5	80	32	25	2800	1170	2600	1050
YA-ST60B	300000	60	900	62*10³	2.2*2	65	5	1.5	80	32	25	2800	1170	2600	1150
YA-ST70B	350000	70	900	62*10³	2.2*2	80	4	2.2	100	32	25	2800	1600	2800	1400
YA-ST80B	400000	80	900	62*10³	2.2*2	90	5	2.2	100	32	25	2800	1600	2800	1450
YA-ST100B	500000	100	1000	80*10³	3*2	110	5	2.2	125	40	25	3400	1800	2960	1800
YA-ST125B	625000	125	1000	80*10³	3*2	120	5	3	125	40	25	3400	1800	3200	2250
YA-ST150B	750000	150	1300	110*10³	4*2	150	5	3	125	40	25	3400	1800	3450	2700
YA-ST175B	875000	175	1300	130*10³	4*2	170	5	4	125*2	40	25	4000	2000	3750	3150
YA-ST200B	1000000	200	1600	180*10³	5.5*2	200	6	5.5	150*2	40	25	4200	2200	3850	3600
YA-ST250B	1250000	250	1800	220*10³	5.5*2	250	6	7.5	150*2	50	32	4800	2200	4250	4300
YA-ST300B	1500000	300	1800	270*10³	11*2	270	6	7.5	150*2	50	32	5200	2500	4450	5150
YA-ST400B	2000000	400	2000	310*10³	11*2	155*2	5	4*2	150*2	50	32	6000	2800	4750	8900
YA-ST500B	2500000	500	2000	370*10³	15*2	185*2	5	5.5*2	125*4	50	32	6500	3000	5000	11500

备注：设计工况参数：进出水温差▲Ts=5℃ (37℃→32℃) 室外干 / 湿球温度 WTB=31.5℃/28℃ 大气压力：P=99.4kPa。

Remarks: Design working conditions parameters: Inlet and outlet water temperature difference ▲Ts=5℃ (37℃→32℃) Outdoor dry/wet bulb temperature WTB=31.5℃/28℃ Atmospheric pressure: P=99.4kPa.

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结构简图 STRUCTURAL DIAGRAM

- ①风筒 Fan stack

②风机 Fan motor

③收水器 Drift eliminator

④喷淋系统 Distribution system

⑤进水口 Water inlet

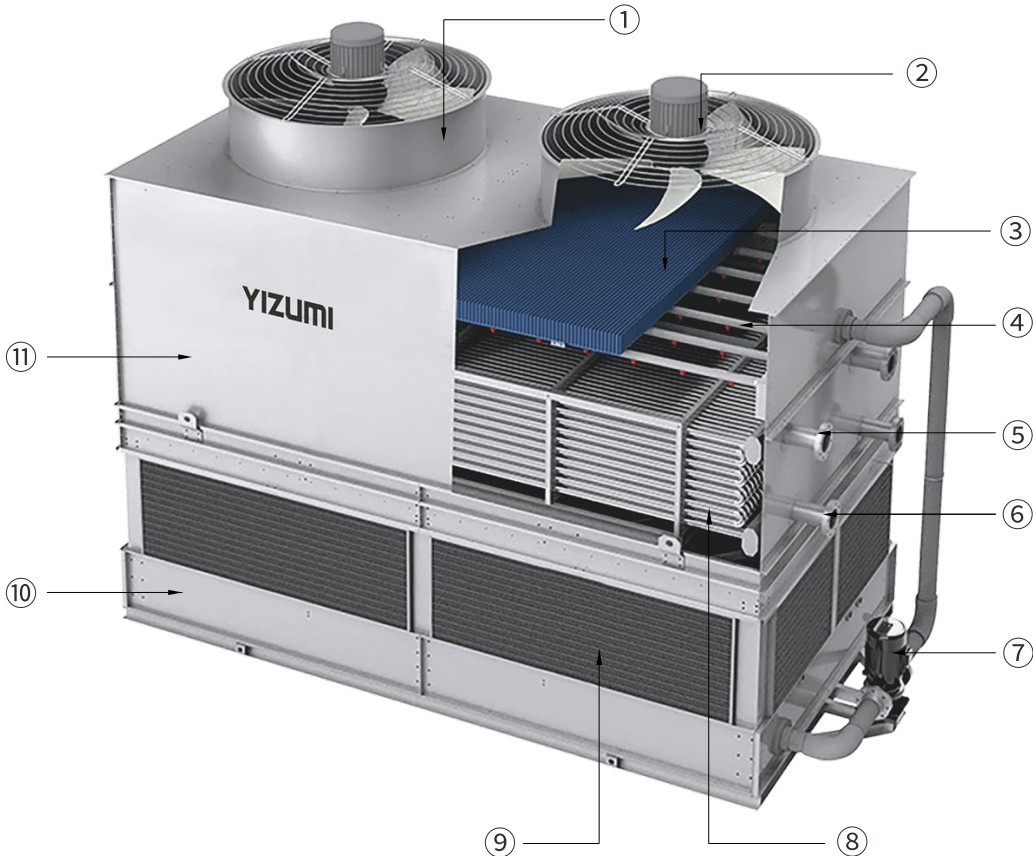
⑥出水口 Water outlet
- ⑦喷淋泵 Spray pump

⑧表冷器 Surface air cooler

⑨进风格栅 Air inlet grille

⑩冷水盘 Water basin

⑪面板 Casing



横流式低噪音方形冷却塔

CROSS FLOW TYPE LOW NOISE SQUARE COOLING TOWER



技术参数 SPECIFICATIONS

型号 Model	冷却水量 Cooling Water Volume (m³/h)	冷却能力 (kcal/h)	外形总尺寸 Dimensions			风机 Exhaust Fan			重量 Weight	
			长L (mm)	宽W (mm)	高H (mm)	风扇直径 Fan Diameter (mm)	电机功率 Motor Power (kW)	额定电流 Rated current (A)	净重 Net Weight (kg)	运行重量 Operating Weight (kg)
YA-ST100F	100	500000	1980	3200	3700	1500	2.2	6.3	860	2260
YA-ST125F	125	625000	2320	3600	3700	1800	4	8.6	1080	2830
YA-ST150F	150	750000	2600	3800	3700	2100	5.5	8.8	1180	3550
YA-ST175F	175	875000	2800	3800	3700	2100	5.5	11.6	1300	3810
YA-ST200F	200	1000000	2970	4200	3700	2400	7.5	11.6	1600	4020
YA-ST250F	250	1250000	2970	5200	4200	2400	7.5	12.6	2380	5280
YA-ST300F	300	1500000	3250	5400	4200	2800	11	17	2580	6270
YA-ST350F	350	1750000	3500	5400	4200	2800	11	24.6	2850	5650
YA-ST400F	400	2000000	3750	6000	4200	3200	15	24.6	3250	6880
YA-ST450F	450	2250000	4000	6000	4200	3200	15	24.6	3660	7150
YA-ST500F	500	2500000	4000	6000	4970	3200	18.5	31.4	4260	8500
YA-ST600F	600	3000000	4500	6800	4970	3700	18.5	37.7	4680	9360
YA-ST700F	700	3500000	4500	6800	5590	3700	22	44.7	4880	10250
YA-ST800F	800	4000000	5500	7300	5590	4200	22	44.7	5100	12300
YA-ST900F	900	4500000	5500	7800	5590	4200	30	57.6	6800	14560
YA-ST1000F	1000	5000000	6000	8300	5590	4700	30	57.6	7660	16300

备注：设计工况参数：进出水温差▲Ts=5℃ (37℃→32℃) 室外干 / 湿球温度 WTB=31.5℃/28℃ 大气压力：P=99.4kPa。
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圆形冷却塔

ROUND TYPE COOLING TOWER

特点:

- ◎采用高质量轴承，噪音低；
- ◎采用高品质,耐磨轴封，不漏水；
- ◎可配合安装于管路之任何位置；
- ◎不受空间限制；
- ◎不须加油,防水，耗电量小；
- ◎如客户需要，可以订做高温水泵供客户使用。

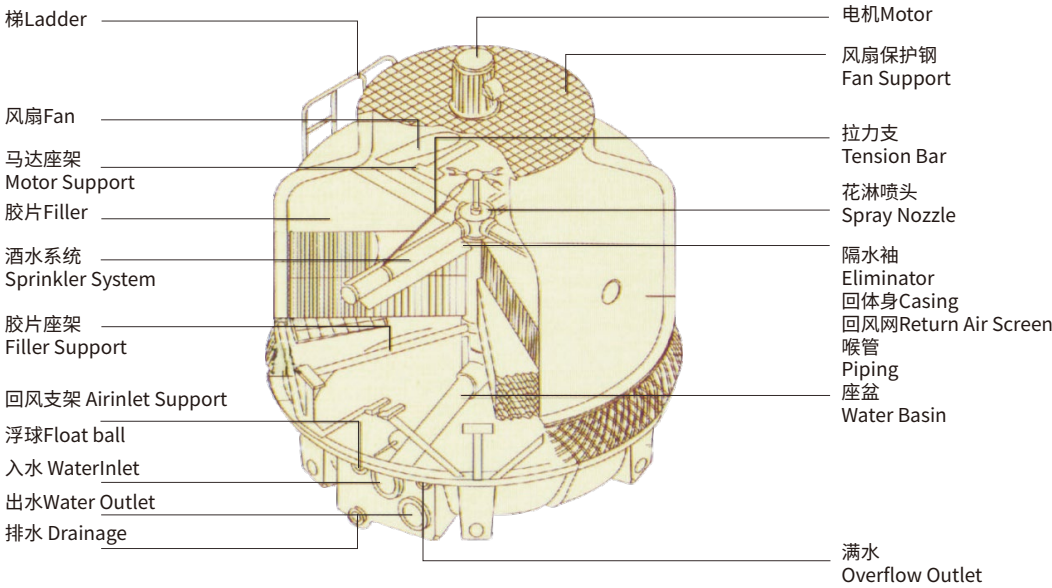
FEATURES

- ◎Using high quality bearing, with low noise;
- ◎Using high quality, wear-resistant seal, without water leakage;
- ◎Installing in any position of the pipeline;
- ◎Not limited by space;
- ◎Without refueling,water-proof, low power consumption;
- ◎If necessary, high temperature pump can be customized for customer.



结构简图

STRUCTURAL DIAGRAM

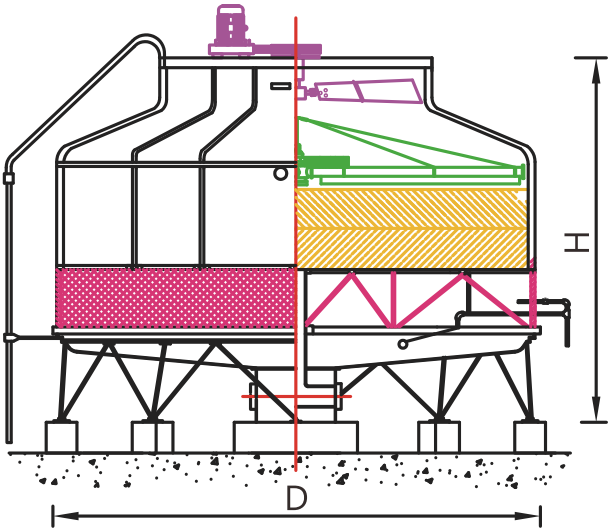


冷水机配套专用泵
Pump for cooling machine

技术参数

SPECIFICATIONS

出水口径 Diameter	扬程 Distance	流量 Water Flow		转速 Rotating Speed	效率 Efficiency	配用电机 Motor		汽蚀余量 NPSH	适用冷气系统 Air Cooling System Adopted	重量 Weight
mm	m	L/min	m³/H	R/min	%	kW	V	m	T	kg
40	15	100	6	2900	46	0.75	220/380 50Hz	3.2	15-20	27
50	17	300	18		55	1.5		3.5	25-30	36
65	19	415	25		65	2.2		3.5	40-50	43
80	21	700	42		68	4		3.5	60-80	65
100	21	1000	60		65	5.5		4.0	80-100	78
100	19	1500	90		68	7.5		4.0	100-120	88



技术参数

SPECIFICATIONS

型号 Model	ST	10	15	20	25	30	40	50	60	80	100	125	150	175	200	225	250	300	350	400
流量 Flow rate	m³/h	7.2	11.7	14.4	18.5	23.4	31.2	39.2	46.8	62.6	78.1	97.5	117	136.8	156.2	175.5	195.1	234	273.2	312.1
风量 Air Volume	m³/h	4300	6430	8250	10730	12870	17160	21580	25740	34450	53660	53660	64350	75350	85930	96525	107320	128700	128700	171660
马达 Motor	kW	0.18	0.18	0.37	0.55	0.55	0.75	1.5	1.5	1.5	2.2	2.2	2.2	4	4	5.5	5.5	7.5	7.5	11
音量 Sound Volume	dBA	47	48	50	52	54	56.5	57.5	57	59	60	60	59	60	60	54	67	56	56	59
净重 Approx. Net Weight	kg	50	54	67	98	116	116	190	250	280	540	540	580	760	880	1050	1080	1760	1760	2840
运行重量 Operating Weight	kg	195	290	300	500	530	545	975	1250	1280	1640	1640	1780	1860	1980	2770	2800	3930	3930	5740
水塔直径 Basin Diameter	mm	1060	1060	1200	1430	1620	1610	1810	2100	2100	2700	2700	3000	3300	3300	4120	4100	4730	4630	5600
水塔高度 Tower Height	mm	1660	1760	1760	1950	2050	2075	2180	2200	2285	2370	2370	2670	2780	2780	3850	3850	3680	3680	3840

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

抽屉式模具架

DRAWER-TYPE MOLD RACK

特点：

- ◎ 节省空间、方便模具管理；
- ◎ 模架抽板承载后抽送自如，可选配滑车和手动葫芦可轻松、快捷的完成存取工作；
- ◎ 模架采取可拆移式结构、全部配件可任意组合，上下间隔亦可随意调整、方便安装、因地制宜；
- ◎ 每个最高承受重量可达 1000kg/ 1500kg/ 2000kg；
- ◎ 结构科学、合理，按要求组装成型后牢固可靠，安全性高。

FEATURES

- ◎ Save space & easy to manage the molds;
- ◎ Mold rack shelves are able to pull and push easily after loading. easy storage & re-moving with chain block;
- ◎ Mold rack disassemble structure, all spare parts are able to assembled at random, space between upper and lower shelf are adjustable, easy to install in any locations;
- ◎ Maximum loading capacity of each drawer up to 1000/1500/2000Kg;
- ◎ Scientific structure, robust, reliable and safety.



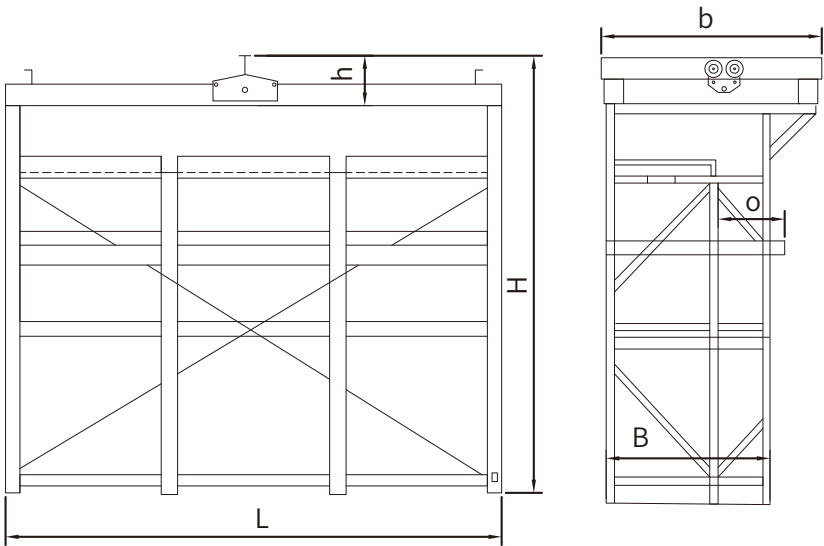
YA-MJ2000



YA-MJ2000

结构简图

STRUCTURAL DIAGRAM



技术参数

SPECIFICATIONS

型号 Model	载重量 Loading Weight (T)	外形尺寸 External Dimensions (HxDxL)	抽屉尺寸 Drawer Size(mm)	伸出尺寸 Extended Size(mm)	葫芦重量 Chain Block Weight (T)
三格四层YA-MJ1000	1	2000x615x3100	615x888	330	1
三格三层YA-MJ1500	1.5	2000x615x3100	615x888	330	1.5
三格三层YA-MJ2000	2	2000x615x3100	615x888	330	2

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