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Tcooling System
- D** 计量混合系统
Dosing&Mixing System
- E** 粉碎回收系统
Granulating&Recycling System
- F** 模具监视保护器
Mold Monitoring Protector

THD series
普通版 Universal Version

热风上吹式
最高使用温度130℃
Hot air up-blowing
Maximum use temperature 130℃



THD-50U



THD-50UT

便捷的操作，适合各工厂的使用工况

Convenient operation,suitable for diverse applications

- 温度表示单位1℃，带PID自调节功能；
- 简洁的按键操作模式，醒目的报警代码提示；
- 采用上吹式热风扩散装置，保证原料能均匀干燥，加快干燥速度；
- 与原料接触部分使用不锈钢材质，确保原料不受污染；
- 干燥控温回路超温保护。

- The temperature is in 1℃, with PID self-adjustment function;
- Simple key operation mode, Eye-catching alarm code prompts;
- The hot air up-blowing diffusion device is used to ensure the uniform drying of materials and speed up drying;
- The parts in contact with the material are made of stainless steel to ensure that the material is not polluted;
- Drying temperature control circuit over-temperature protection.

选购功能 Optional function

型号 Model	3P 220V 50Hz/60Hz	3P 380V 60Hz	3P 415V 50Hz	3P 440V/460V /480V 60Hz	通讯功能 Communication function
THD-6U/UT	○	○	○	○	○
THD-12U/UT	○	○	○	○	○
THD-25U/UT	○	○	○	○	○
THD-50U/UT	○	○	○	○	○
THD-75U/UT	○	○	○	○	○
THD-100U/UT	○	○	○	○	○
THD-150U/UT	○	○	○	○	○
THD-200U/UT	○	○	○	○	○
THD-300U/UT	○	○	○	○	○
THD-400U/UT	○	○	○	○	○
THD-500U/UT	○	○	○	○	○
THD-600U/UT	○	○	○	○	○
THD-800U/UT	○	○	○	○	○
THD-1000U/UT	○	○	○	○	○

注1：“○”可选购功能。
Note1: optional function"○".

注2：仅THD-UT系列支持选购通讯功能，THD-U系列不支持选购通讯功能。
Note2:Only the THD-UT series supports for the optional communication function, and the THD-U series can not support for the optional communication function.

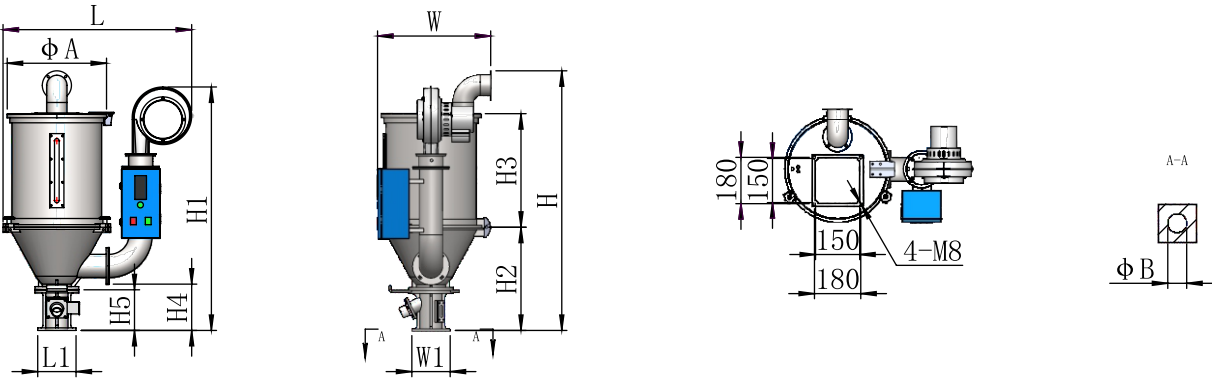
规格 Specification

型号 Model	THD-6U/UT	THD-12U/UT	THD-25U/UT	THD-50U/UT	THD-75U/UT	THD-100U/UT	THD-150U/UT	THD-200U/UT	THD-300U/UT	THD-400U/UT	THD-500U/UT	THD-600U/UT	THD-800U/UT	THD-1000U/UT
料桶容量 Effective capacity (L)	10	20	40	80	120	160	250	330	500	670	830	1000	1330	1660
装料量 Feeding volume (kg)	6	12	25	50	75	100	150	200	300	400	500	600	800	1000
料桶材质 Hopper material	原料接触面为SUS201（镜面） The parts in contact with the material are made of SUS201(Buffering)													
干燥温度 Drying temperature (℃)	Max.130℃													
加热器功率 Heater capacity (kW)	1.8	1.8	3.5	4.5	5.2	6	9	12	15	18	18	21	24	27
风机功率 Blower capacity (kW)	0.075	0.075	0.135	0.155	0.155	0.215	0.215	0.32	0.32	0.34	0.34	1.1	1.5	1.5
温度控制 Temperature control	PID控制 PID control													
用电规格 Electricity specification	380VAC 3P+N+PE 50Hz													
总电气容量 Total electrical capacity(kW)	1.9	1.9	3.2	4.2	4.3	6.3	6.4	12.4	12.4	18.4	18.4	22.1	25.5	28.5
保护功能 Protection function	感温探头故障/温度过高/风机过载/电热超温 temperature sensor failure/overtemperature/fan overload/electric heating overtemperature													
产品颜色 Product color	SPCC白色烤漆（RAL7047）、SPCC蓝色烤漆（RAL5012）、SUS SPCC white baking paint (RAL7047), SPCC blue baking paint (RAL5012), SUS													
产品净重 Product net weight (kg)	20	25	34	40	46	60	80	100	140	185	198	270	380	395

注3：以上装料量是以堆积密度0.6kg/L，直径为3-5mm塑料原料颗粒为标准。
Note3:The above charging amount is at a bulk density of 0.6 kg/L, plastic raw material particles with diameter of 3-5 mm are standard.

外型尺寸图 Dimensions

单位/Unit : mm



THD 6U/UT~1000U/UT外形尺寸

型号 Model	THD-6U/UT	THD-12U/UT	THD-25U/UT	THD-50U/UT	THD-75U/UT	THD-100U/UT	THD-150U/UT	THD-200U/UT	THD-300U/UT	THD-400U/UT	THD-500U/UT	THD-600U/UT	THD-800U/UT	THD-1000U/UT
H	685	805	996	1163	1263	1326	1552	1680	1855	1941	1890	2080	2620	2820
H1	787	787	939	1063	1120	1204	1295	1550	1592	1730	1740	2295	2320	2320
H2	319	319	399	478	478	539	539	605	650	660	711	815	920	920
H3	260	380	462	550	650	650	853	915	1020	1045	1045	1265	1460	1660
H4	162	162	205	220	222	255	248	290	280	290	285	355	400	400
H5	107	107	159	157	157	173	173	192	198	205	205	245	270	270
L	655	655	750	860	885	1005	1040	1210	1270	1360	1425	1580	1770	1770
L1	108	108	150	158	158	177	177	230	230	280	280	280	280	280
W	340	340	400	470	555	620	600	770	835	925	975	1070	1170	1170
W1	108	108	150	158	158	177	177	230	230	280	280	280	280	280
Φ A	330	330	390	463	535	640	640	750	815	900	950	1050	1150	1150
Φ B	42	42	61	74	74	81	81	110	110	115	115	130	135	135
包装体积(m³)	0.2	0.2	0.29	0.4	0.51	0.7	0.93	1.43	1.94	2.27	2.47	3.7	5.3	7.8
包装尺寸(cm)	69x43x70	69x43x70	76x46x83	85x49x95	89x55x104	102x63x109	107x67x129	120x83x143	129x94x160	138x98x168	145x103x165	164x114x198	180x126x230	180x126x249

注4：加装选够功能和选购件时，尺寸会变化；非标机型尺寸另行通知。
Note 4: When adding optional functions and accessories, the size will change; the size of non-standard models will be notified separately.
注5：THD-6U/UT--1000U/UT标配放料底座，THD-6U/UT--600U/UT可选装磁力底座。
Note 5: THD-6U/UT--1000U/UT is equipped with a discharge base as standard, and THD-6U/UT--600U/UT can select use magnetic base.
注6：产品规格如有变更，恕不另行通知。
Note 6: Specifications are subject to change without notice.

THDP

series

标准版

Standard Version

热风下吹式
最高使用温度160℃

Hot air down-blowing
Maximum use temperature 160℃

准确且稳定的温度控制

Accurate and stable temperature control

- 温度表示单位1℃，带PID自调节功能。
 - 支持提前一周预约开关机；
 - 可选配RS485通讯功能，支持MODBUS RTU通讯协议；
 - 干燥控温回路超温脱扣保护；
 - 风机缺相、逆向、过载检测。
- The precision of temperature control can reach 1℃，with PID self-adjustment function；
 - Support for appointment switching of one week in advance；
 - Optional RS485 communication interface, support MODBUS RTU communication protocol；
 - Drying temperature control circuit over-temperature tripping protection；
 - Fan lack phase、reverse phase、overload detection.

合理且低能耗的结构设计

Reasonable and low energy consumption structure design

- 加热模块和干燥桶模块采用双层保温设计，降低能耗，防止高温烫伤；
 - 采用特制的喇叭口设计方式，原料和热风形成对流，干燥更加充分；
 - 与原料接触部分使用不锈钢材质，确保原料不受污染；
 - 合理的清料门设计方式，便于后期的维护保养。
- Heating module and drying bucket module adopt double-layer insulation design to reduce energy consumption and prevent high temperature scald；
 - Special bell mouth design, raw materials and hot air form convection, drying more fully；
 - The part in contact with raw materials shall be made of stainless steel to ensure that raw materials are not contaminated；
 - Reasonable design mode of cleaning door is convenient for later maintenance.



THDP-50DT

THDP-25DT

选购功能 Optional function

型号 Model	3P 415V 50HZ	3P 440V 60HZ	3P 480V 60HZ	通讯功能 Communication function	中间料位计 Intermediate level gauge	标准底座 Standard base	磁力底座 Magnetic base
THDP-6DT	○	○	○	○	○	●	○
THDP-12DT	○	○	○	○	○	●	○
THDP-25DT	○	○	○	○	○	○	○
THDP-50DT	○	○	○	○	○	○	—
THDP-75DT	○	○	○	○	○	○	—
THDP-100DT	○	○	○	○	○	○	—
THDP-150DT	○	○	○	○	○	○	—
THDP-200DT	○	○	○	○	○	○	—
THDP-300DT	○	○	○	○	○	○	—
THDP-400DT	○	○	○	○	○	○	—
THDP-500DT	○	○	○	○	○	○	—

注1：“●” 标配功能、“○” 选配功能、“—” 无。

Note1: Standard function "●", optional function "○",none"-".

注2：THDP-6DT~12DT标配标准底座，THDP-25DT~500DT可选装标准底座，THDP-6DT~25DT可选装磁力底座，THDP-50DT~500DT可选装磁力架。

Note2:THDP-6DT~12DT standard base, THDP-25DT~500DT optional standard base, THDP-6DT~25DT can be equipped with optional magnetic base, THDP-50DT~500DT can be equipped with optional magnetic frame.

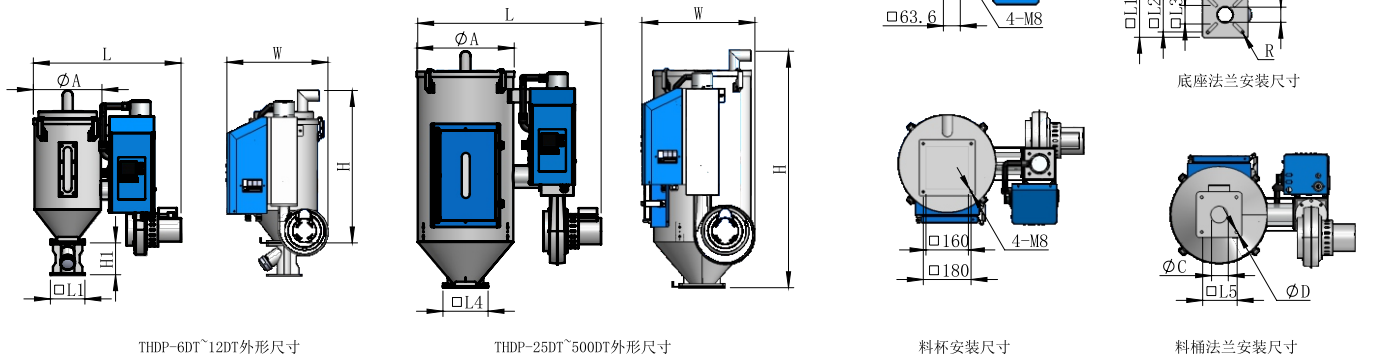
规格 Specification

型号 Model	THDP-6DT	THDP-12DT	THDP-25DT	THDP-50DT	THDP-75DT	THDP-100DT	THDP-150DT	THDP-200DT	THDP-300DT	THDP-400DT	THDP-500DT
料桶容量 Effective capacity (L)	10	20	40	80	120	160	250	330	500	670	830
装料量 Feeding volume (kg)	6	12	25	50	75	100	150	200	300	400	500
料桶材质 Hopper material	原料接触面为SUS201（镜面） The parts in contact with the material are made of SUS201(Buffing)										
干燥温度 Drying temperature (℃)	Max.160℃										
加热器功率 Heater capacity (kW)	1.8	1.8	3	4	4	6	6	12	12	18	18
风机功率 Blower capacity (kW)	0.075	0.075	0.135	0.155	0.21	0.215	0.32	0.32	0.34	0.34	0.34
温度控制 Temperature control	PID控制 PID control										
用电规格 Electricity specification	380VAC 3P+N+PE 50Hz										
总电气容量 Total electrical capacity(kW)	1.9	1.9	3.2	4.2	4.3	6.3	9.4	12.4	12.4	18.4	18.4
保护功能 Protection function	三相电检测/感温探头故障/温度过高/首次超温故障/风机过载/电热超温/加热失效 Three-phase electrical detection/temperature sensor failure/overtemperature/first overtemperature failure/fan overload/electric heating overtemperature/heating failure										
产品颜色 Product color	SPCC白色烤漆（RAL7047）、SPCC蓝色烤漆（RAL5012）、SUS SPCC white baking paint (RAL7047), SPCC blue baking paint (RAL5012), SUS										
产品净重 Product net weight (kg)	23	25	40	51	62	74	93	127	162	171	210

注3：以上装料量是以堆积密度0.6kg/L，直径为3~5mm塑料原料颗粒为标准。

Note3:The above charging amount is at a bulk density of 0.6 kg/L, plastic raw material particles with diameter of 3~5 mm are standard.

外型尺寸图 Dimensions



型号 Model	THDP-6DT	THDP-12DT	THDP-25DT	THDP-50DT	THDP-75DT	THDP-100DT	THDP-150DT	THDP-200DT	THDP-300DT	THDP-400DT	THDP-500DT
H	695	840	895	1050	1165	1265	1435	1735	1800	1955	1976
H1	120	120	145	145	145	145	145	145	145	145	145
L	560	595	695	815	885	970	1120	1015	1220	1310	1415
L1	130	130	170	170	170	170	195	195	195	195	195
L2	100	100	130	130	130	130	155	155	155	155	155
L3	60	60	70	70	70	70	85	85	85	85	85
L4	130	130	170	170	170	170	195	195	195	195	195
L5	95	95	130	130	130	130	140	140	140	140	140
W	385	385	430	520	585	655	735	735	915	1000	1105
φ A	250	288	360	460	530	600	680	680	850	935	1050
φ B	50	50	57	57	57	57	83	83	83	83	83
φ C	50	50	60	60	60	60	80	80	80	80	80
φ D	11	11	11	11	11	11	13	13	13	13	13
包装体积(m³)	0.22	0.26	0.33	0.55	0.95	1.2	1.73	1.88	2.38	3.02	3.28
包装尺寸(cm)	68x45x70	68x45x84	72x50x90	87x60x105	106x76x117	115x82x127	130x92x144	118x91x174	132x100x180	140x110x196	145x112x202

注4：选配、选购功能整机尺寸会变化；非标机型尺寸另行通知。

Note4:The size of the whole machine will change when selecting and selecting functions, and the size of non-standard models will be notified separately.

注5：产品规格如有变更，恕不另行通知。

Note5:Specifications are subject to change without notice.

TCD系列

箱型干燥机

TCD Series

Cabinet Dryers

● 特点 Features

- 采用PID温度控制系统,提供均匀的烘干效果。
- 高温密封门保持一致的温度和降低电力的损耗。
- 不锈钢烤盘，可防止烘干过程中污染原料。
- 高效率之回圈热风回收再利用设计，省电、耐用，可同时干燥多种塑胶，节省能源。
- 可调式空气阀门设计，入风口，排风口均采用可调式设计，可方便调节风量。
- 可调式超温保护器，避免超温干燥。
- 具有超温过载等安全保护装置。
- 配备警示灯，可立即反应故障。
- 马达过载保护及故障指示,方便维护保养。
- 活动式台车设计，方便移动。
- 配有24小时定时装置，可预先设定任何时间，予以干燥, 操作方便。

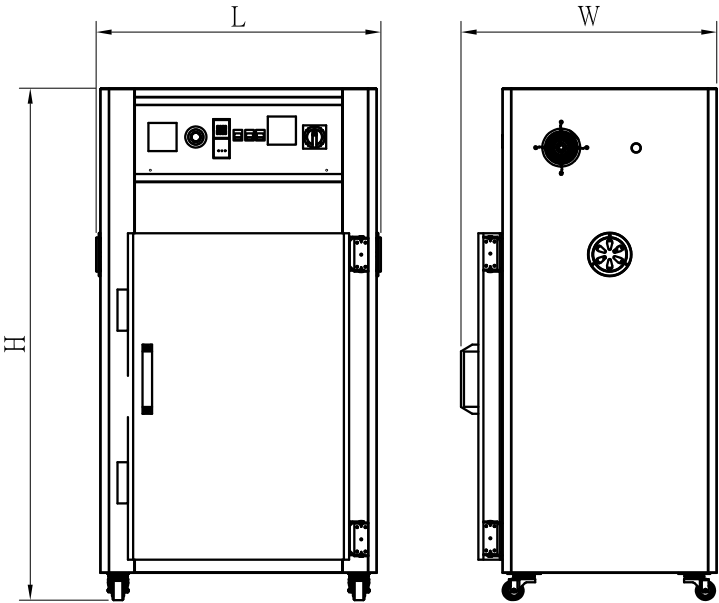
- To adapt P.I.D temperature control system for achieving an even dry effect.
- Air-proofed insulated door can keep temperature constantly inside to reduce energy consumption.
- Stainless Steel tray can ensure material free from contamination.
- High efficient return air recycling for significant power saving and can simultaneously dry various materials.
- Adjustable air inlet and outlet design, easy for adjust air capacities.
- Adjustable overheat protector can prevent excessive drying.
- Safety device with overheat and overload protection.
- Alarm lamp is fitted for indicating malfunction immediately.
- Motor overload protection and malfunction indication, easy maintenance.
- Caster wheels design for easy moving.
- 24 hours auto start/stop timers can be set at anytime for drying, easy operation.



主要用于塑胶原料的干燥，尤其处理少量多样或测试用之塑胶的干燥，可免除换料、清料之困扰，节省工时。全机采用精密PID电子温度控制，24小时开关机定时功能，操作简单，性能稳定，能耗更低，干燥最高温度达200℃。

Cabinet Dryers are mainly applied to plastic material drying, particularly for simultaneous drying various plastic materials with small quantities or for trial molding purpose. It can avoid annoy on changing and cleaning plastic materials to save working time. All these models adapt precise P.I.D temperature control to have the function of 24 hours timer for start/ close dryer at setting time and drying temperature up to 200℃. This series is with superior features on easy operation, stable function, and low consumption.

● 产品结构图 Product Structure Diagram



● 规格表 Specification Sheet

产品型号 Model		TCD-5	TCD-9	TCD-20
内部尺寸Inside Dimensions H×W×D	M	0.6×0.5×0.6	0.9×0.6×0.6	1.1×1.2×0.6
外部尺寸Outside Dimensions H×W×L	M	1.31×0.68×0.83	1.61×0.68×0.83	1.44×0.81×1.33
电热功率Heater Power	kW	5	6	9
风机马达功率Blowerr	kW	0.37	0.37	0.75
温控范围Temperature Range	℃	200℃		
盘架数Num.of Trays		5	9	20
装料量Capacity	kg	45	81	180
重量Weight	kg	120	150	300
电源Voltage	V	380VAC 3P/PE 50Hz		

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

TDH系列 蜂巢式转轮除湿机

TDH Series Honeycomb Rotor Dehumidifiers

● 特点 Features

- 采用PID温度控制系统，可精准控制再生温度，确保露点的稳定性。
- 采用双冷却器结构，确保更低回风温度及露点。
- 内部装有回风过滤器，确保蜂巢转轮不受原料粉尘污染。
- 采用高品质蜂巢状除湿转轮，可提供露点-40以下的成型条件。
- 采用矽胶吸附式蜂巢除湿，再生温度只需180℃，相对于分子筛结构需200℃以上的再生温度更加节约能耗。
- 采用高品质组件，提高性能及延长使用寿命，节省维修成本。
- 外型粉体烤漆，美观大方，结构简单紧凑，机器占地小，节省空间，移动方便，可任意更换机台使用，设计人性化，方便保养维修。

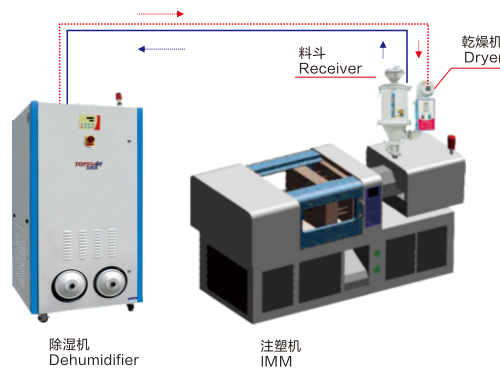
- To adopt P.I.D temperature controller to accurately control regenerative temperature to ensure dew-point stable.
- To employ double coolers for ensuring lower return air temperature and dew-point value.
- Return air filter is installed inside to ensure no powder & dust contamination to the honeycomb rotor.
- To adopt imported honeycomb rotor for providing molding condition with dew-point -40℃ & even below for hoper dryer.
- To adopt silica gel absorption honeycomb with low regenerative temperature at 180℃ which can save more power if compare with molecular sieve structure with regenerative temperature at 200℃ above.
- Using imported superb parts which enhance function and extend service life for saving maintenance cost.
- Powder coated frame of machine with exquisite appearance.Compact construction; small footprint to save space ; move conveniently for any machines use ; optimum design for easy maintenance.



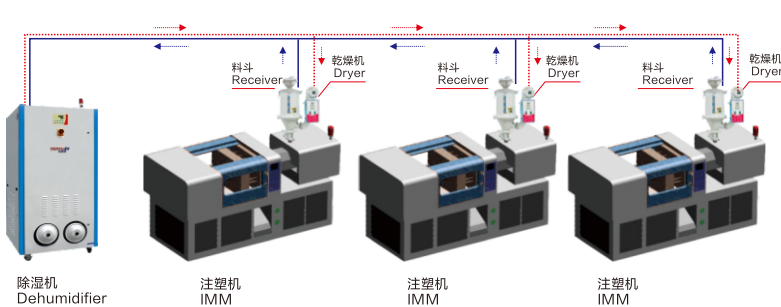
主要与热风式干燥机搭配，专门对吸湿性较强的工程塑料(如: Nylon, PC, PBT, PET等)进行高效率的除湿干燥作业，该系列采用高效能转轮，在理想状态下，能确保-40℃露点的稳定除湿效果。

Honeycomb Rotor Dehumidifier are mainly to work with hopper dryers together which are specialized for drying engineering plastics to contain high hygroscopicity such as Nylon, PC, PBT, PET etc. It adapts high efficiency rotor which can ensure dew- point at -40℃ with stable dehumidifying effect.

● 一对一除湿系统 One to One Dehumidifying System



● 一对多除湿系统 One to Multiple Dehumidifying System

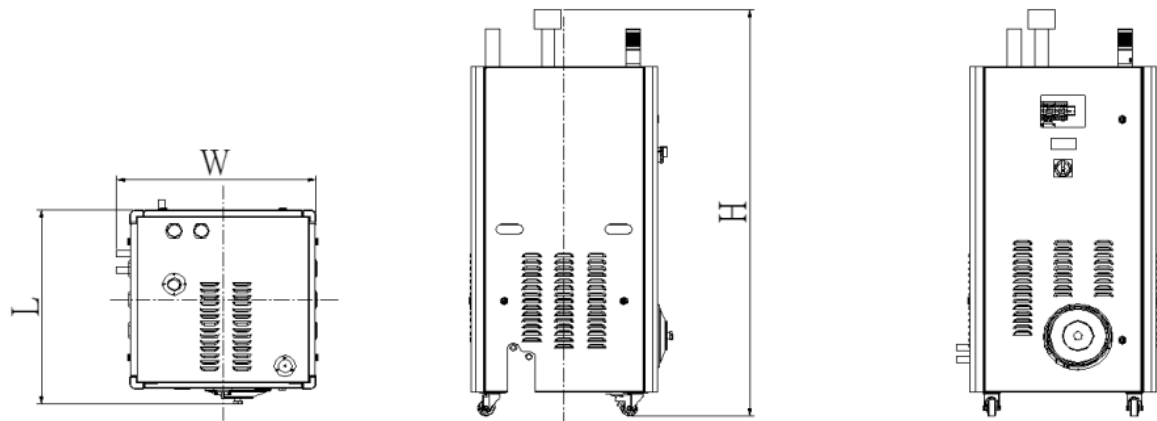


● 规格表 Specification Sheet

产品型号 Model		TDH-50C	TDH-80C	TDH-120C	TDH-200C	TDH-300C	TDH-400C	TDH-500C	TDH-700C	TDH-1000C
除湿风量 Dehumidifying Air Capacity	CMH	50	80	120	200	300	400	500	700	1000
除湿马达 Dehumidifying Motor	kW	0.4	0.7	1.1	2.2	4	5.5	7.5	3.7	8.5
再生马达 Regen Motor	kW	0.2	0.25	0.4	0.55	0.7	0.7	1.5	1.5	1.5
再生电热 Regen. Heater	kW	3	3	4	6	8	8	10	12	15
除湿口径 Pipe Size	inch	2	2	2	2.5	3	3	4	5	5
转轮马达功率 Rotor Motor Capacity	W	15				40		60		80
系统电源 Power Supply	V	380VAC 3P/PE 50Hz								
控制电源 Control Voltage	V	220VAC 1P/PE 50Hz								
总功率 Total Power	kW	3.8	4.15	5.7	8.95	12.9	14.4	19.2	17.4	25.2
电源线规格 Wires Specifications	mm2	4 × 2.5		4 × 4		4 × 6		4 × 10		
电源线长度 Wires Length	M	5								
外观尺寸 Dimensions	L (m)	0.71	0.79	0.74	0.83	0.96	0.96	1.05	1.05	1.05
	W(m)	0.65	0.74	0.75	0.81	0.95	0.95	1.05	1.49	1.49
	H (m)	1.43	1.5	1.49	1.79	2	2	2.14	2.34	2.34
冷却水流量 Cooling Water Flow	GPM	1.5			3	9				
冷却水接管 Cooling Water Pipe Size	inch	3/4			1					
机器重量 Weight	kg	150	200	220	280	320	330	420	445	470
选配 Option	露点显示 Dew-point Indicators									

● 产品结构图 Product Structure Diagram

单位/Unit: mm



型号 Model	TDH-50C	TDH-80C	TDH-120C	TDH-200C	TDH-300C	TDH-400C	TDH-500C	TDH-700C	TDH-1000C
L	710	750	750	844	955	955	1052	1485	1485
W	650	740	740	822	947	947	1047	1051	1051
H	1430	1567	1567	1787	1970	1970	2140	2340	2340
包装体积(m³)	0.8	1	1	1	2	2	2.7	4	4
包装尺寸(cm)	80x70x150	80x80x160	80x80x160	90x90x180	100x100x200	100x100x200	110x110x220	150x110x240	150x110x240

注1: 选配、选购功能整机尺寸会变化；非标机型尺寸另行通知。
Note1:The size of the whole machine will change when selecting and selecting functions, and the size of non-standard models will be notified separately.

注2: 产品规格如有变更，恕不另行通知。
Note2:Specifications are subject to change without notice.

TCDE系列
三机一体(节能型三机一体)

TCDE Series
3 in 1 Compact
Dehumidifying Dryers

● 特点 Features

- 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。
- 稳定供应-40露点的除湿空气大幅度提高产品品质。
- 耗电低、能效高。
- 双层保温干燥料桶采用下吹式风管设计，防止热能流失，提高干燥效率。
- 全不锈钢上、下送料系统，避免原料污染。
- 封闭式循环除湿气及送料系统，可避免干燥后的原料因接触外界空气而再度回潮。
- 采用无触点固态继电器控制加热。(选配)。
- 故障智能警报，时间智能预约。
- 光学级除粉式三机一体专用于无尘或净化车间。
- 多重保护装置。
- 采用高品质组件，提高性能及延长使用寿命,节省维修成本。
- 外型粉体烤漆，美观大方。
- 结构简单紧凑，机器占地小，节省空间，移动方便，可任意更换机台使用。
- 设计人性化，方便保养维修。

- To integrate the function of dehumidifying , drying and two-stage conveying into single unit. Three- stage conveying function is optional.
- To improve the quality of finished products greatly thanks to supplystable dehumidified at - 40 dew-point.
- Low power consumption , high efficiency
- Double- wall insulated hopper dryers features down-blowing pipedesign to avoid heat dispersion for improving drying efficiency.
- Feeding system is made of stainless steel to eliminate material contamination.
- Closed-loop circulation for dehumidified air & feeding system to avoid the possibility of moisture regain for absorbing outside air during material conveying.
- To adopt electromagnetic contactless relay control heating. (option)
- Intelligent microprocessor control for faulty alarm & pre-heating setting.
- Optical - class powder- removing models are suitable for clean workshop.
- Multiple safety protection device.
- Using imported superb parts which enhance function and extend service life for saving maintenance cost.
- Powder coated frame of machine with exquisite appearance.
- Compact construction; small footprint to save space ; move conveniently for any machines use.
- Optimum design for easy maintenance.



节能型三机一体的设计系统更为简化，不仅减少系统之耗电量，功效高，超节能省电高达60%，且体积小，不占空间，特别适用于无尘车间。不需接冷却水，故移动方便。构造简单，机器信赖度高。全机采用微电脑控制，操作简单，性能稳定，能耗更低。此外也针对光学级产品之生产制造而设计光学级节能型三机一体除湿干燥机，以满足客户不同之需。

The energy saving type simplifies the design of system which reduces power consumption, high efficiency, ultra energy saving up to 60%. The design of machine appearance is compact to save space, ideal to high demands on limited space of clean workshop. It can move everywhere conveniently thanks to no requirement of cooling water for machines. The mechanical construction is simple to enhance machine reliable. The series design particularly for optic products. It adapts PLC controller with the superior features on easy operation, stable function, low power consumption. In addition, we design optic class 3 in 1 compact heatless dehumidifying dryers (energy saving type) for optic products to satisfy with customers' various demands.

● 选择加装配件 Options



旋风分离器图
Cyclone Separator

● 规格表 Specification Sheet

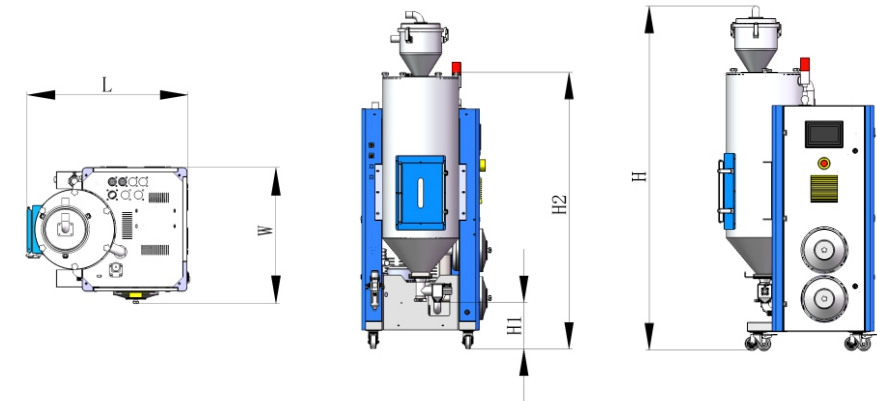
型号Model	TCDE-25	TCDE-50	TCDE-75	TCDE-100	TCDE-150	TCDE-200	TCDE-300	TCDE-400
露点Dew point(℃)	-40							
干燥温度Drying temperature (℃)	70 ~ 160							
控制方式Control method	PID控制 PID control							
料桶容量Effective capacity (L)	42	84	125	167	250	333	500	670
装料量Feeding volume (kg)	25	50	75	100	150	200	300	400
料桶材质Hopper material	SUS201(镜面 Buffing)							
干燥加热器功率Drying heater capacity(kW)	3	3	4	4	6	12	12	18
干燥风机功率Drying blower capacity(kW)	0.25	0.4	0.55	1.1	1.5	2.2	2.2	3
输送风机功率Conveying blower capacity(kW)	1.1	1.1	1.1	1.1	1.5	1.5	2.2	2.2
输送距离（水平距离）Conveying distance(Horizontal distance)(m)	11	11	11	11	15	15	22	22
配管（输送）Piping(conveying)(mm)	φ38.1 PVC软管 φ38.1 PVC hose							
用电规格Electricity specification	AC380V 3P/PE 50Hz							
总电气容量Total electrical capacity (kW)	4.55	4.95	5.85	6.4	9.2	15.9	16.6	23.4
压缩空气使用量Compressed air requirement(L/min)	2							
保护功能Protection function	三相电检测/感温探头故障/温度过高/首次超温故障/风机过载/电热超温/加热失效 Three-phase electrical detection/temperature sensor failure/overtemperature/first overtemperature failure/fan overload/electric heating overtemperature/heating failure							
产品颜色Product color	SPCC白色烤漆 (RAL7047)、SPCC蓝色烤漆 (RAL5012)、SUS SPCC white baking paint (RAL7047), SPCC blue baking paint (RAL5012), SUS							
产品净重Product net weight (kg)	134	138	160	210	240	265	465	475

注1：露点根据使用条件有所变动。
Note:The dew point varies according to ambient air conditions.

注2：以上装料量是以堆积密度0.6kg/L,直径为3-5mm塑料原料颗粒为标准。
Note: The above charging amount is at a bulk density of 0.6 kg/L, plastic raw material particles with diameter of 3-5 mm are standard.

● 产品结构图 Product Structure Diagram

单位/Unit: mm



型号 Model	TCDE-25	TCDE-50	TCDE-75	TCDE-100	TCDE-150	TCDE-200	TCDE-300	TCDE-400
L	838	871	1061	1061	1098	1098	1605	1675
W	731	736	844	844	976	976	1016	1086
H	1726	1910	1921	2164	2164	2464	2735	2832
H1	331	278	278	278	338	338	404	348
H2	1381	1562	1578	1816	1819	2119	2394	2490
包装体积(m³)	1.2	1.3	1.8	2	2.4	2.8	4.7	5.3
包装尺寸(cm)	88x75x175	88x75x195	107x86x195	107x86x220	110x100x220	110x100x250	163x105x275	170x110x285

注3：选配、选购功能整机尺寸会变化；非标机型尺寸另行通知。
Note3:The size of the whole machine will change when selecting and selecting functions, and the size of non-standard models will be notified separately.

注4：产品规格如有变更，恕不另行通知。
Note4:Specifications are subject to change without notice.

TCDH系列
三机一体
(蜂巢转轮型三机一体)

TCDH Series
3 in 1 Compact
Dehumidifying Dryers

集合除湿、干燥、送料三种功能于一机。三机一体的设计不占空间，特别适用于自动化程度高，空间紧凑的场所。全机采用微电脑控制，控制操作简单，性能稳定，能耗更低，干燥风量50~300 m³/hr。此外也针对光学级产品之生产制造而设计光学级三机一体除湿干燥机，以满足客户不同的需求。

This series integrate the function of dehumidifying, drying, and two-stage conveying into one unit with compact design to save space, ideal to high demands of automation system and limited working space. It adapts PLC controller with the superior features on easy operation, stable function, and low power consumption. The drying air flow ranges from 50~300 m³/hr. In addition, we design optic class 3 in 1 compact dehumidifying dryers for optic products to satisfy with customers' various demands.

陶瓷蜂巢转轮除湿机

Ceramics Honeycomb Rotor Dehumidifier
50-300风量Air volume



全不锈钢保温下吹式干燥机

Full stainless insulated hopper dryer
(hot air down-blowing type)25-300KG



全不锈钢二段或三段送料机 管中无料装置

Full stainless autoloader for 2-stage or 3-stage conveying (no residual material in the pipe)



高质量高效率的干燥输送系统

High-quality and high-efficiency
drying delivery system



● 特点 Features

- 标准型三机一体除湿机都配备蜂巢转轮，可得到稳定性好的低露点干燥空气。
- 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。
- 双层保温干燥料桶采用下吹式风管设计, 防止热能流失, 提高干燥效率。
- 除湿系统采用双冷却器结构，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。
- 多重保护装置。
- 光学级机型所有原料接触面采用不锈钢镜面抛光处理, 并且搭配密闭回路的送料系统，可避免干燥后 的原料因接触外界空气而再度回潮。
- 采用PID温度控制系统，可精准控制再生温度, 确保露点的稳定性。
- 内部装有回风过滤器，确保蜂巢转轮不受原料粉尘污染。
- 采用高品质组件，提高性能及延长使用寿命，节省维修成本。
- 外型粉体烤漆，美观大方。

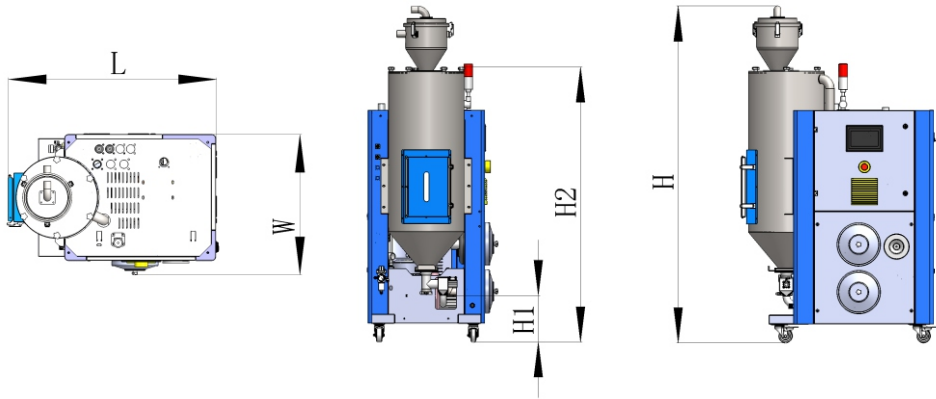
- 3 in 1 compact dehumidifying dryers are equipped with honeycomb rotor which can acquire stable low dew-point drying air.
- To integrate the function of dehumidifying , drying and two-stage conveying into single unit. Three- stage conveying function is optional.
- Double- wall insulated hopper dryers features down-blowing pipe design to avoid heat dispersion for improving drying efficiency.
- The dehumidifying system employ double coolers for ensuring lower return air temperature and dew-point value.
- Feeding system is equipped with shut-off valve to ensure noremaining material in hopper tube.
- Multiple safety protection device.
- Optical-class models use mirror polished treatment on the material contact surface to avoid material contamination and collocate feeding system with closed - loop in order to avoid the possibility of moisture regain for absorbingoutside air during material conveying .
- To adopt P.I.D temperature controller to accurately control regenerativeTemperature to ensure dew-point stable.
- Return air filter is installed inside to ensure no powder & dust contamination to the honeycomb rotor.
- Using imported superb parts which enhance function and extend service life for saving maintenance cost.
- Powder coated frame of machine with exquisite appearance.

● 规格表 Specification Sheet

产品型号Model	TCDH-15	TCDH-25	TCDH-50	TCDH-75	TCDH-100	TCDH-150	TCDH-200	TDB-300C	TDB-400C	TDB-500C	TDB-600C
露点Dew point(℃)	-40										
干燥温度Drying temperature (℃)	70 ~ 160										
控制方式Control method	PID控制 PID control										
料桶容量Effective capacity (L)	25	42	84	125	167	250	333	500	667	833	1000
装料量Feeding volume (kg)	15	25	50	75	100	150	200	300	400	500	600
料桶材质Hopper material	SUS201(镜面 Buffing)										
干燥加热器功率 Drying heatercapacity(kW)	1.8	3	3	4	4	6	12	12	18	21	21
干燥风机功率 Drying blower capacity(kW)	0.25	0.4	0.55	0.7	0.7	1.1	2.2	2.2	4	5.5	7.5
再生电热功率 Regen. Heate Capacity	3	3	3	3	3	6	6	6	9	9	10
再生风机功率 Regen Motor Capacity	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.55	0.7	0.7	1.5
输送风机功率 Conveyingblower capacity(kW)	1.1	1.1	1.1	1.1	1.1	1.5	2.2	2.2	2.2	2.2	2.2
输送距离（水平距离） Conveying distance(Horizontal distance)(m)	11	11	11	11	11	15	22	22	22	22	22
配管（输送）Piping(conveying)(mm)	φ38.1 PVC软管 φ38.1 PVC hose										
用电规格Electricity specification	AC380V 3P/PE 50Hz										
主断路器容量Main circuit breaker capacity (A)	32						63			100	
总电气容量Total electrical capacity (kW)	6.55	7.9	8.05	9.2	9.2	15.2	23	22.45	33.92	38.42	42.22
压缩空气使用量Compressed air requirement(L/min)	2										
保护功能Protection function	三相电检测/感温探头故障/温度过高/首次超温故障/风机过载/电热超温/加热失效 Three-phase electrical detection/temperature sensor failure/overtemperature/first overtemperature failure/fan overload/electric heating overtemperature/heating failure										
产品颜色Product color	SPCC白色烤漆（RAL7047）、SPCC蓝色烤漆（RAL5012）、SUS SPCC white baking paint (RAL7047), SPCC blue baking paint (RAL5012), SUS										
产品净重Product net weight (kg)	201	208	222	239	248	340	358	671.5	811	950	1100

注1：露点根据使用条件有所变动。
Note: The dew point varies according to ambient air conditions.

注2：以上装料量是以堆积密度0.6kg/L,直径为3~5mm塑料原料颗粒为标准。
Note: The above charging amount is at a bulk density of 0.6 kg/L, plastic raw material particles with diameter of 3~5 mm are standard.



产品型号Model	TCDH-15	TCDH-25	TCDH-50	TCDH-75	TCDH-100	TCDH-150	TCDH-200	TDB-300C	TDB-400C	TDB-500C	TDB-600C
L	1051	1080	1113	1242	1242	1293	1293	1940	2029	2116	2207
W	743	743	743	833	833	1017	1017	1018	1119	1193	1188
H	1592	1765	1911	1809	2017	2163	2351	2867	2833	3012	3099
H1	368	371	276	274	274	330	330	180	185	210	265
H2	1319	1420	1563	1461	1671	1819	2006	2360	2304	2504	2570
包装体积(m³)	1.5	1.6	2	2.3	2.5	3.2	3.5	5.3	6.1	6.6	7.2
包装尺寸(cm)	110×80×170	110×80×180	120×80×200	130×90×190	130×90×210	130×110×220	130×110×240	200×110×240	210×120×240	220×120×250	230×120×260

注3：选配、选购功能整机尺寸会变化；非标机型尺寸另行通知。
Note3:The size of the whole machine will change when selecting and selecting functions, and the size of non-standard models will be notified separately.

注4：产品规格如有变更，恕不另行通知。
Note4:Specifications are subject to change without notice.

TDA、TDB
双筒式三机一体

TDA,TDB
Double hopper 3 in 1
compact dehumidifying
dryer

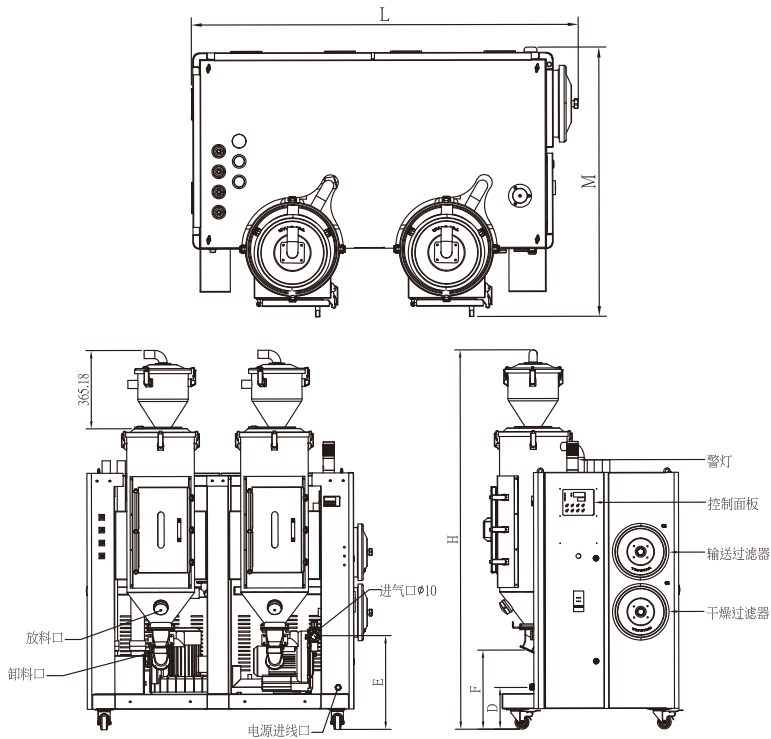
● 特点 Features

- 双桶式三机一体，可同时干燥两种不同的原材料，设定不同的温度。
 - 具备三机一体所有功能。
 - 省能源、省空间。
-
- Double hopper 3 in 1 compact dehumidifying dryer.
 - Has all function of 3 in 1 compact dehumidifying dryer.
 - Saves energy, saves space.



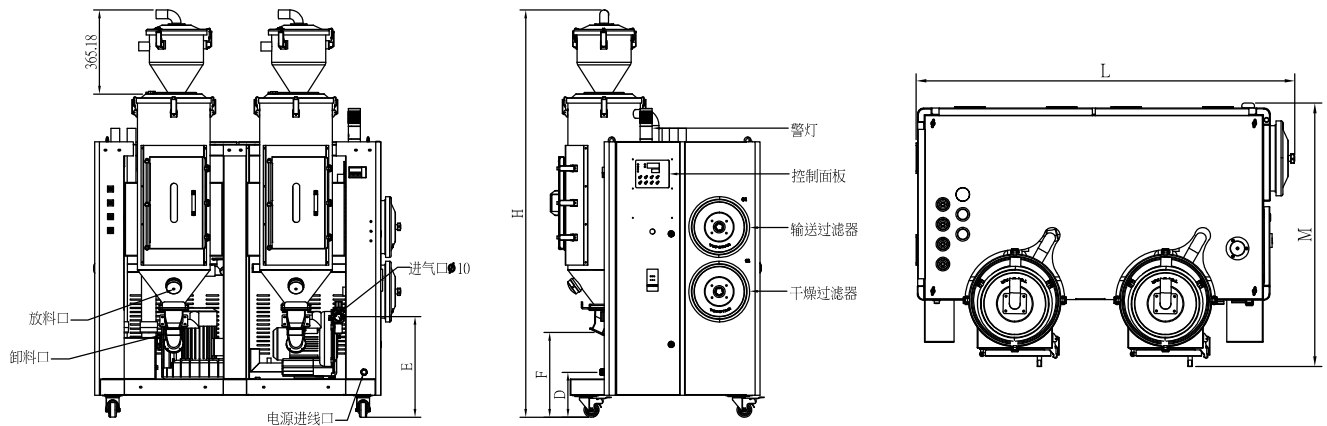
● TDA双桶式三机一体 TDADouble hopper 3 in 1 compact dehumidifying dryer

机型Model	TDA-25DC	TDA-50DC	TDA-75DC	TDA-100DC
L(mm)	1332	1332	1634	1635
M(mm)	927	956	1060	1060
H(mm)	1744	2003	2087	2167
D(mm)	195.5	195.5	195.5	195.5
E(mm)	420	420	420	420
F(mm)	368	350	276	370



● TDB双桶式三机一体 TDBDouble hopper 3 in 1 compact dehumidifying dryer

机型Model	TDB-25DC	TDB-50DC
L(mm)	1332	1332
M(mm)	956	956
H(mm)	1944	1999
D(mm)	195.5	195.5
E(mm)	420	420
F(mm)	350	350



● 规格表 Specification Sheet

产品型号Model	TDA-25DC	TDA-50DC	TDA-75DC	TDA-100DC	TDB-25DC	TDB-50DC
除湿种类 Dehumidifying type	节能型 Energy saving type				转轮型 Homeycomb rotor type	
风量 Dehumidifying air capacity	m3/hr	35 × 2	50 × 2	80 × 2	100 × 2	35 × 2
露点 Dew point	℃	提供-40℃压缩空气 Supply -40℃ pressure air				-40℃
干燥温度 Drying Temperature	℃	70~160℃				
冷却方式 Cool mode		A、B桶温度差小于30度无需接冷却水 The temperature difference between barrels a and b is less than 30 degrees and cooling water is not required.				
干燥电热功率 Drying Heater Capacity	kW	3 × 2	3 × 2	4 × 2	6 × 2	3 × 2
干燥风机功率 Drying Blower Capacity	kW	1.1	1.1	2.2	2.2	1.1
再生电热功率 Regen. Heate Capacity	kW	无NONE				4
再生风机功率 Regen Motor Capacity	kW	无NONE				0.25
输送风机功率 Conveying Blower Capacity	kW	1.5		2.2		1.5
系统电源 Power Supply	V	380VAC 3P/PE 50Hz				
控制电源 Control Voltage	V	220VAC 1P/PE 50Hz				
总功率 Total Power	kW	8.8	8.8	12.6	16.6	13.05
电源线规格 Wires Specifications	mm2	4 × 2.5		4 × 4	4 × 6	4 × 4
电源线长度 Wires Length	M	5				
料管口径 Material Pipe Size	inch	1.5				
料斗(成型机上) Hopper Receiver		SR3E-40		SR6E-40	SR3E-40	
机器重量 Weight	kg	283	320	365	380	296
选配 Option		1.露点显示 Dew-point Indicators 2.旋风分离器 Cyclone Separator 3.中间料位计 Intermediate Level Meter				

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

TDN 氮气三机一体

TDN Nitrogen Dryer Series

● 特点 Features

- 高浓度氮气充满原材料，98%以上，成型合格率提高。
- 美国原装氮气发生器。
- 减少成型时产品黄变，提高产品合格率。
- 原料为全封闭结构，不受外界环境影响。
- 干燥筒在注塑机上方(20kg以下)。
- 延长成型机螺杆碳化时间，减少设备的维护成本。
- 利用日本制压缩空气无热再生原理提供脱湿空气。
- 设备为光学级除粉式，日本制高效过滤器，0.3μm X99.99%。
- 封闭循环式氮气输送。
- 超低能耗。
- 多重保护装置。
- 也可去除氮气装置，作为小型除湿干燥机使用(选购项)。

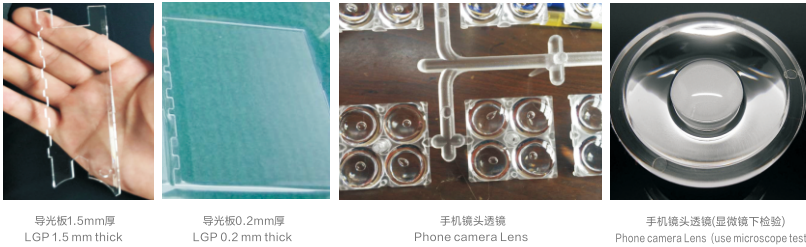
- Be full of high concentration nitrogen, above 98%, improve the qualified of molding.
- American original nitrogen generator.
- Reduce product yellowing during molding, improve the qualified of product.
- Material in whole sealing, not suffer from external environment.
- Dryer hopper installed above injection machine (below 20kg)
- Delaying carbonization time of make-up machine screw, reduce maintenance cost of machine.
- Apply dehumidifying air with compression air heatless regeneration principle from Japan.
- The equipment clean the powder optically.
- Delivery nitrogen in close system.
- Ultralow energy consumption.
- Multiple protect equipment.
- Also it can wipe off nitrogen equipment, use it as dehumidification dryer(option).



洁净环境下生产光学镜头及导光板等原材料的干燥设备。常用于PC、PMMA、COP、COC、PA46、OKP、PPS、PEI (ULTEM)。

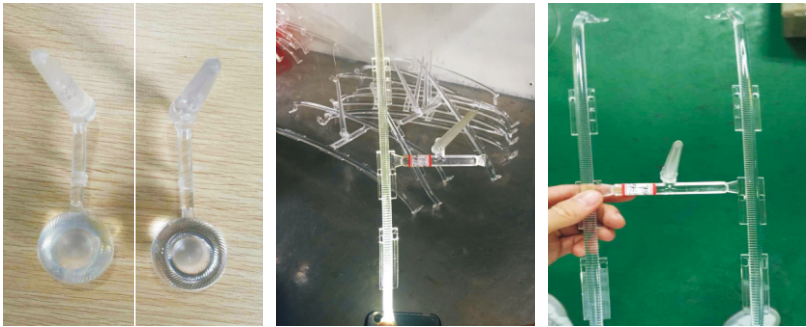
Drying equipment that produce lianr and Light Guide Plate in clean environment. Usual be usedfor PC,PMMA,COP,COC,PA46,OKP,PPS,PEI (ULTEM).

● 产品展示(可以使用氮气三机一体) Product exhibit(can use nitrogen dryer series)



导光板1.5mm厚 LGP 1.5 mm thick 导光板0.2mm厚 LGP 0.2 mm thick 手机镜头透镜 Phone camera Lens 手机镜头透镜(显微镜下检验) Phone camera Lens (use microscope test)

● 产品展示(使用氮气三机一体对比) Product exhibit(compare with nitrogen dryer series)

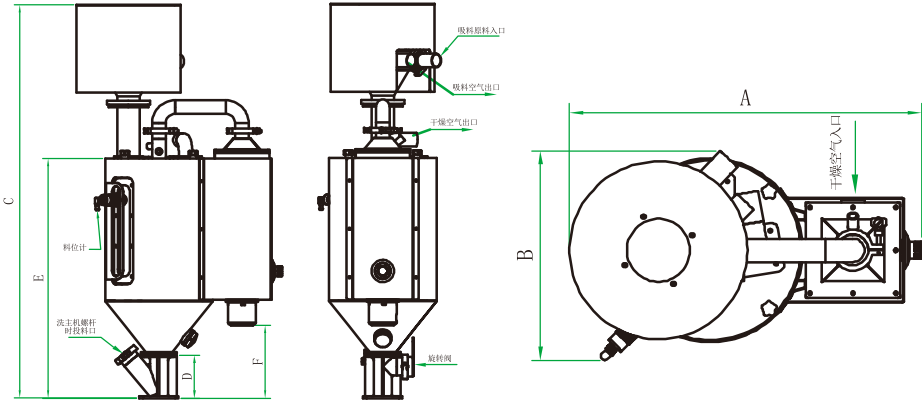


LED透镜COC (普通三机一体)黄变 LED lens COC (general 3 in 1 machine) yellowing LED透镜COC (TDN-10)合格 LED lens COC (TDN-10) qualified 导光条PMMA (普通三机一体)黄变 LGP PMMA (general 3 in 1 machine) yellowing 导光条PMMA (TDN-20)合格 LGP PMMA(TDN-20) qualified

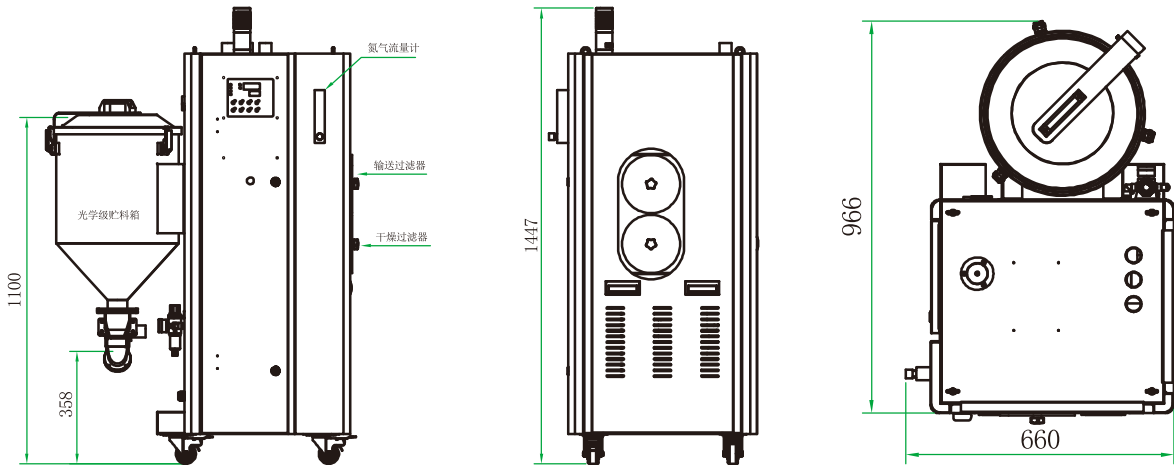
● 产品结构图 Product Structure Diagram

1、干燥桶体 Dryer Hopper

机型Model	TDN-10C	TDN-20C
A(mm)	573	625
B(mm)	341	387
C(mm)	1150	1254
D(mm)	120	120
E(mm)	670	775
F(mm)	203	308



2、三机一体主机 3 in 1 Compact Dehumidifying Dryers



● 规格表 Specification Sheet

产品型号Model		TDN-10C	TDN-20C
装料量(0.6kg/hr) Capacity(0.6kg/hr)	kg	10	20
干燥风量 Dry air capacity	m^3/hr	20	30
氮气浓度 Concentration	%	98	
干燥温度 Dry temperature	℃	70~160	
干燥风机 Dry blower	kW	0.2	0.2
干燥加热管 Dry heater	kW	1.8	1.8
投料箱体积 Storage volume	Lr	40	
输送风机 Feed blower	kW	1.1	1.1
输送条件 Feed condition		料箱至干燥桶: Φ38PVC软管, 水平2米以内 Storage to hopper: Φ38PVC hosepipe, 2 m horizontal	
压缩空气条件 Compress air condition		大于0.6mpa*20Lr/min More than 0.6mpa*20Lr/min	
电源380V/50Hz Power380V/50Hz	kW	3.3	3.3

TAL系列
直接式吸料机

TAL Series
Single Autoloaders

● 特点 Features

- 采用全不锈钢材质结构，确保原料不受污染。
- 马达保护装置，可增长其使用寿命。
- 采用织布滤网配合不锈钢网过滤粉尘,具有马达逆转除尘功能。
- 采用不锈钢落料挡板，不需随不同原料而调整。
- 自动喷洗功能。
- 装配对射式光电开关，适于直接安装成型机入料口；装配近接开关，适于直接安装成型机料斗上。
- 采用玻璃料管搭配静电电容感测器设计，可精确侦测原料输送。
- 缺料自动报警。
- 不锈钢型与感应型法兰座底与料斗是用卡箍锁住，便于拆卸。

- Stainless steel construction for ensuring material free from contamination.
- Motor overload protection device ensures its long service life.
- The adoption of Cloth mesh filter and stainless screener for double filtration protection to filter dust and motor reverse cleaning function.
- Mechanical stainless flap is fitted which don't need to be adjusted according to different material.
- Auto – cleaning function.
- Autoloaders equip with photo sensors which are mounted onto the feeding port of injection molding machines; autoloaders equip with proximity switch which are mounted onto the hopper dryers.



● 容易维护/快速清洁 Easy Maintenance / Quick Cleanup

TAL系列吸料机主要用于将流动性强的新料（主料）或次料直接快速输送到注塑机上，可掀式的真空马达上盖能保证清洗快速维护简便。

单相真空马达在设定的吸料时间产生真空气流把塑胶颗粒通过吸料管输送到吸料门内，之后原料直接落入到注塑机储料门内，这种吸料动作会持续进行直到注塑机储料门和吸料机料门显示满料为止。

TAL series stainless steel (corrosion free) single hopper loader is designed to provide rapid transportation of free-flowing for virgin resin or regrind resin directly to injection molding machine. The design of hinged upper cover of vacuum motor ensures quick cleanup time and easy maintenance.

The single-phase vacuum suction motor creates a flow of air which carries the plastic granules into the hopper through the material conveying hose during setting suction time. The granules are then discharged directly into the processing machine hopper. This cycle is repeated until both the machine hopper and hopper loader are full.

● 稳定可靠的性能 Reliable Performance

吸料机的吸料时间、吸料动作以及吸料模式的选择的数位设定和显示都是通过微电脑处理器控制。具有故障自检与警报功能。所有型号的设备都是使用优质不锈钢材料，按照严格的工业标准制造，具有稳定可靠的性能。

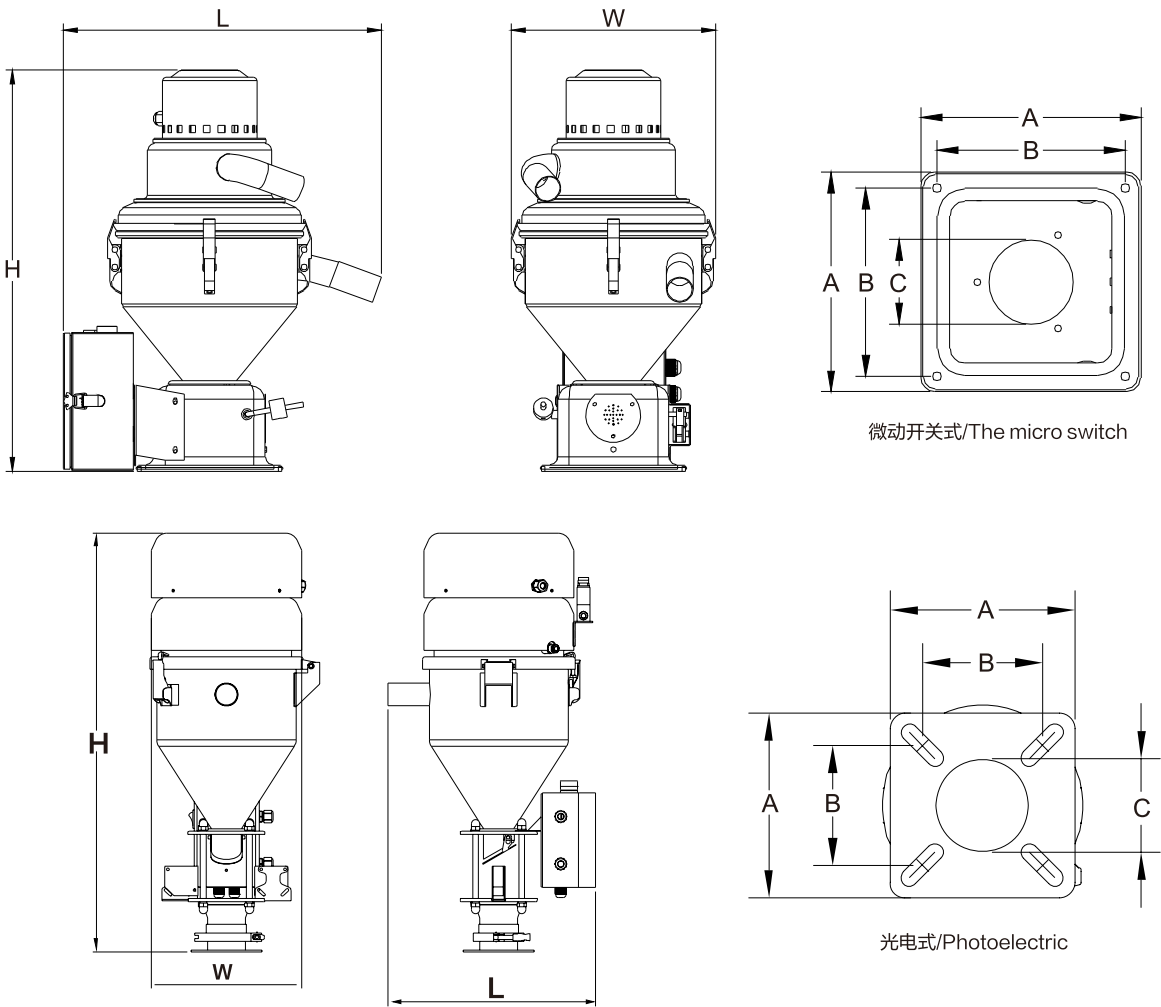
The setting and displaying for loading time, loading function, and mode selection digitally are controlled by microprocessor. Fault diagnosis & alarm are provided as standard features of the control. All models are built by the highest quality with stainless steel for providing consistent, reliable performance.

● 规格表 Specification Sheet

产品型号Model		TAL-6E-L	TAL-6-L	TAL-6I-L	TAL-3SE-L	TAL-6SE-L	TAL-3S-L	TAL-6S-L	TAL-12S-L
料斗容量 Hopper Capacity	L	6	6	6	3	6	3	6	12
输送能力 Conveying Capacity	kg/h	200	200	400	70	140	70	140	200
风机功率 Blower Capacity	kW	1.4	1.4	0.75	1.4	1.4	1.4	1.4	1.4
感应类型 Sensor Type		光电式Photoelectric	近接式 Proximate	微动开关 The micro switch	光电式Photoelectric		近接式 Proximate		
系统电源 Power supply	V	220VAC 1P/PE 50Hz			380VAC 3P/ PE 50Hz	220VAC 1P/PE 50Hz			
料管口径 Hose Size	mm	38,1 (1,5")		38,1 (1,5")	38,1 (1,5")				
过滤类型 Filter Type		不锈钢滤网加编织布Filter Netting & Cloth Filter3							
总功率 Total Power	kW	1.45	1.45	0.8	1.45	1.45	1.45	1.45	1.45
外观尺寸 Dimensions	L(m)	0.44	0.46	0.53	0.34	0.36	0.32	0.37	0.37
	W(m)	0.30	0.32	0.32	0.24	0.29	0.30	0.35	0.35
	H(m)	0.73	0.59	0.68	0.63	0.71	0.48	0.56	0.69
固定尺寸Size	A(m)	0.15×0.15	0.21×0.21	0.21×0.21	0.12×0.12	0.12×0.12	0.22	0.252	0.252
	B(m)	0.10×0.10	0.18×0.18	0.18×0.18	0.08×0.08	0.08×0.08	0.20	0.232	0.232
	C(m)	0.056	0.16×0.16	0.16×0.16	0.06	0.06	0.18	0.212	0.212
标配件 Standard Accessories		吸料管Suction Tube+PVC钢丝软管Hose							
机器重量 Weight	kg	17	19	28	13	15	12	15	16.5

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

● 产品结构图 Product Structure Diagram



TAL系列
分离式吸料主机

TAL Series
Detachable Autoloaders

● 特点 Features

- 主机与料斗分离设计，安全简便，可满足客户的远距离的输料要求。
- 微电脑控制，操作简易，控制精确，有多项报警指示灯。
- 可根据不同需要选配不同料斗, 提供多样性选择。
- 缺料警报，可主动通知客户进而排除状况。
- 马达保护装置，可增长其使用寿命。
- 独立滤清器装置，方便清除积尘。
- 可以选配旋风过滤器，减少滤清器清理次数，适用于粉碎料输送。
- 可选配两料比例阀，用于新料与粉碎料混合使用或粉碎料立即回收。

•The main controllers and material hopper receivers are designed separately for satisfying with customers’ requirements on the long distance conveying material.

•Microprocessor controls features with easy operation, accurate control and multiple alarm indicators.

•Various hopper receivers are available for selection to meet different requirements.

•Audible material shortage alarm for reminding customers in to solve faulty.

•Motor overload protection device ensures its long service life.

•Independent filter device is easy for cleaning.

•Cyclone dust separator is available as option to reduce cleaning filter time which is specially suitable for regrind material conveying.

•Proportional valve is available as option which is used for mixing virgin and regrind material and instant recycle regrind material

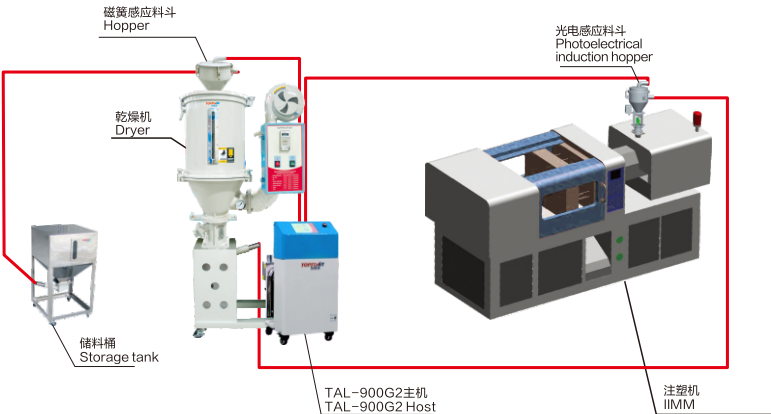


主机与料斗采用分离式的设计，最多可搭配2个料斗，一对多输送，提高了原料输送能力，原料输送能力达每小时700公斤。最高扬程可达10米，适用于长距离原料输送，操作容易，可满足客户的需求。

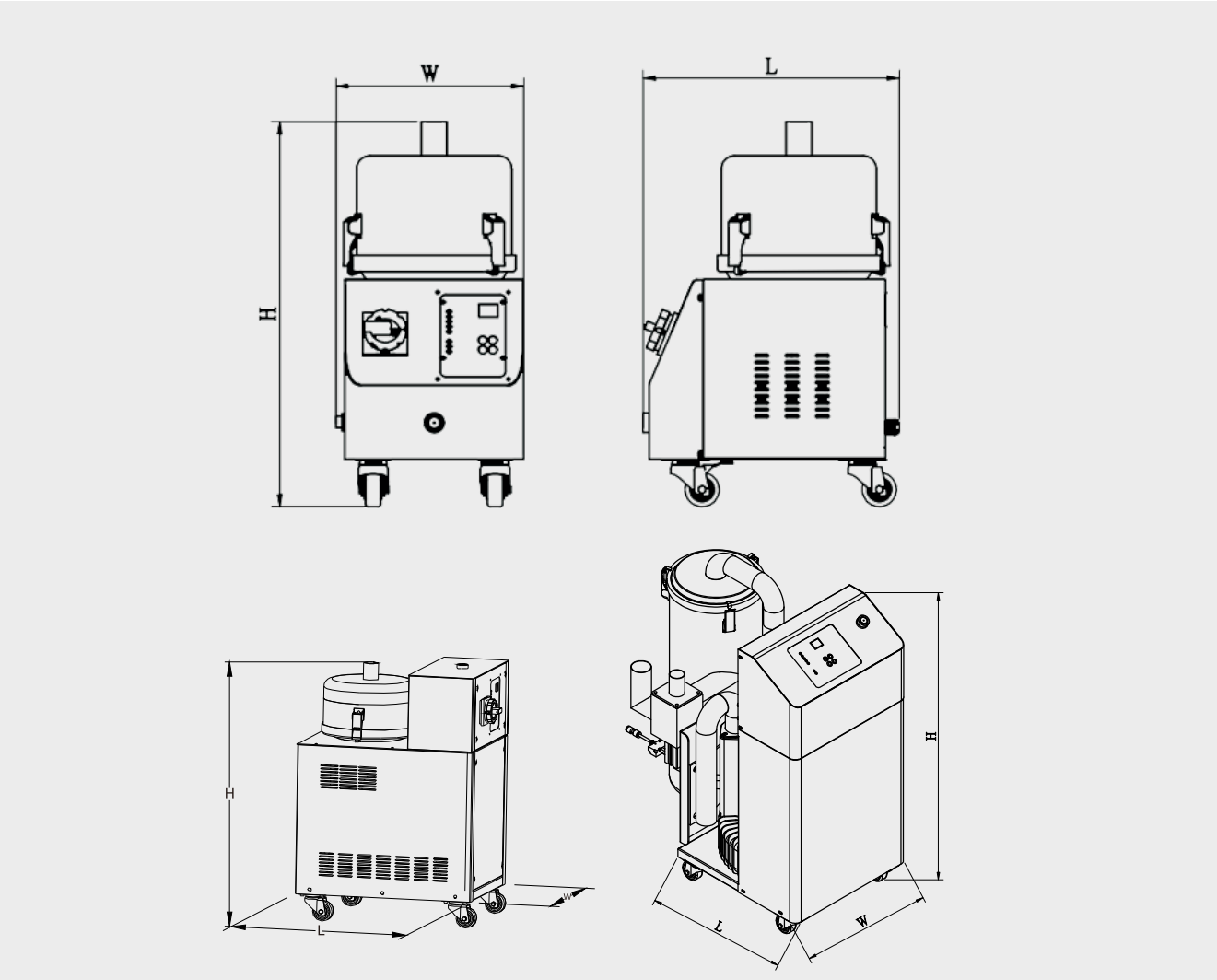
The main controllers and material hopper receivers are designed separately for safety & convenient purpose which can match 2 or above 2 hopper receivers to achieve one to multi combination conveying. It enhances material conveying capacities greatly up to 700kgs/hr.The maximum loading distance is 10m. All models are suitable for conveying materials over long distance and easy operations which are satisfied with customers' various requirements.

● 一对二吸料机特点 One to Two Autoloaders Features

- 一机拖两机，节省设备配置，节约空间。
- 电脑控制操作方便安装、调试。
- 尤其适用于乾燥、供料二机一体，简化系统结构，提高使用效率，方便操作。
- 维修保养方便、快捷。
- One to two autoloaders can save equipment configuration and save space.
- Microcomputer control operation, easy installs & adjusts.
- Suitable for drying and feeding materials in one body, which can simple system structure, increasing productivity and convenient operate.
- Easy and fast to maintain.



● 产品结构图 Product Structure Diagram



● 规格表 Specification Sheet

产品型号Model		TAL-700G-L	TAL-810G-L	TAL-815G-L	TAL-820G-L	TAL-915G-L	TAL-920G-L	TAL-930G-L
风机形式 Motor Type		碳刷式 CarbonBrush	感应式 Induction	感应式 Induction	感应式 Induction	感应式 Induction	感应式 Induction	感应式 Induction
风机功率 Motor Capacity	kW	1.4	0.7	1.1	1.5	1.1	1.5	2.2
控制站次 Control Stations	站	1	1	1	1	2	2	2
输送能力 Conveying Ability	kg/h	300	500	600	700	600	700	800
进风口径 Air Inlet Size	mm	38.1 (1.5")						
过滤类型 Filter Type		纸制滤芯Paper Filter $\phi 188 \times \phi 115 \times 145$						
外观尺寸 Dimensions	L(m)	0.38	0.55	0.55	0.55	0.66	0.66	0.66
	W(m)	0.28	0.38	0.38	0.38	0.41	0.41	0.41
	H(m)	0.58	0.69	0.69	0.69	0.81	0.81	0.81
系统电源 Power Supply	V	220VAC	380VAC 3P/PE 50Hz					
控制电源 Control Voltage	V	1P/PE 50Hz	220VAC 1P/PE 50Hz					
总功率 Total Power	kW	1.5	0.8	1.2	1.6	1.2	1.6	2.3
电源线规格 Wires Specifications	mm2	3 × 1.5	4 × 1.5			4 × 1.5		
电源线长度 Wires Length	m	5						
可选料斗 Applicable Hopper Model		SR-3E SR-6E SR-12E MR-3 MR-6 MR-12						
机器重量 Weight	kg	30	45	51	56	55	60	65

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

TAL系列
开放式吸料主机

TAL Series
Detachable Autoloaders
(Open type)

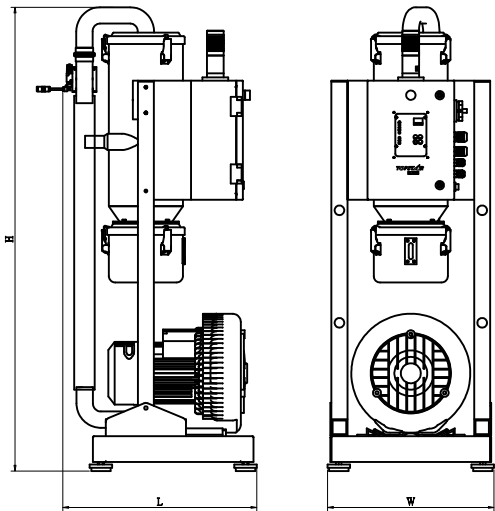
● 特点 Features

- 微处理器记忆体使用EEPROM，切断电源后设定的资料永久保存。
- 采用欧化风格设计，不锈钢制造，不污染原料，美化大方。
- 采用下吸风式设计，过滤器下搭配旋风挡板于分离集尘桶，可有效地减轻过滤器负荷。
- 分离式集尘桶，方便清除粉尘。
- 主机配备故障及马达过载指示灯，可及时报警。
- 采用欧规安全插头，使用时安全可靠。
- 可根据不同需要选配吸料斗，提供多样性选择。
- 吸料机主机搭配单段或双段风机。

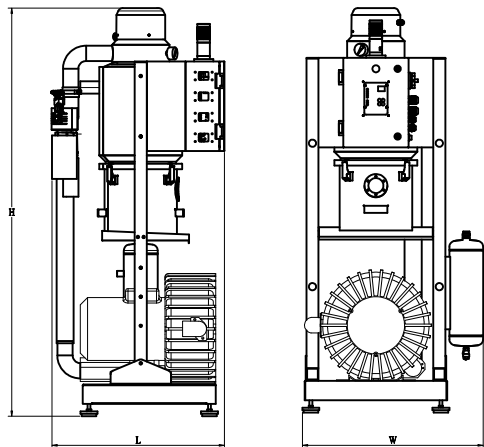
- Microprocessor use EPROM to back up data in case power failure and does not require back up battery.
- Machines are designed with exquisite appearance and are made of stainless steel to ensure no material contamination.
- It adapts down – suction design and use a cyclone dust separator and a dust collective bin together for reducing the load of filter effectively.
- Separated dust collective bin is easy for cleaning dust.
- To be equipped with warning lamp for alarming overload and other malfunctions immediately.
- European plugs ensure reliable & safety operation.
- Various autoloaders are available for selection to meet different requirements.
- This series of autoloaders are equipped with single-stage blower.



● (单段)产品结构图 (Single Stage)Product Structure Diagram



● (双段)产品结构图 (Double Stage)Product Structure Diagram



● (单段)规格表 (Single Stage) Specification Sheet

产品型号Model		TAL-3HP-1.5-L	TAL-3HP2-1.5-L	TAL-3HP4-1.5-L	TAL-4HP-1.5-L	TAL-4HP-2-L	TAL-4HP2-1.5-L	TAL-4HP2-2-L	TAL-4HP4-1.5-L	TAL-4HP4-2-L	TAL-5HP-1.5-L	TAL-5HP-2-L	TAL-5HP2-1.5-L	TAL-5HP2-2-L	TAL-5HP4-1.5-L	TAL-5HP4-2-L	TAL-5HP6-1.5-L	TAL-5HP6-2-L
风机形式 Motor Type		单段 Single Stage																
风机功率 Motor Capacity	kW	2.2			3						4							
进风口径 Air Inlet Size	mm	38.1(1.5")			38.1(1.5")	50.8(2.0")	38.1(1.5")	50.8(2.0")	38.1(1.5")	50.8(2.0")	38.1(1.5")	50.8(2.0")	38.1(1.5")	50.8(2.0")	38.1(1.5")	50.8(2.0")	38.1(1.5")	50.8(2.0")
控制站次 Control Stations	站	1	2	4	1		2		4		1		2		4		6	
输送能力 Conveying Ability	kg/h	750			830						900							
外观尺寸 Dimensions	L(m)	0.57	0.69		0.57		0.69		0.57		0.69		0.69		0.70			
	W(m)	0.52																
	H(m)	1.45															1.47	
系统电源 Power Supply	V	380VAC 3P/PE 50Hz																
控制电源 Control Voltage	V	220VAC 1P/PE 50Hz																
总功率 Total Power	kW	2.3			3						4.1							
电源线规格 Wires Specifications	mm ²	4 × 2.5																
电源线长度 Wires Length	m	5																
过滤类型 Filter Type		纸质滤芯																
中央集尘桶 Centralized Dust Collector	L	部分机型具备泄压功能																
标准功能 Standard Functions		集尘功能Duct Collection Functions 消音功能Silencing Functions																
机器重量 Weight	kg	130			144						148						150	
可选料斗 Applicable Hopper Model		SR-3E SR-6E SR-12E MR-3 MR-6 MR-12 MR-24 CSR-3E CSR-6E CSR-12E CMR-3 CMR-6 CMR-12 CMR-24 CMR-48																

● (双段)规格表 (Double Stage) Specification Sheet

产品型号Model		TAL-8HP-2-L	TAL-8HP-2.5-L	TAL-8HP2-2-L	TAL-8HP2-2.5-L	TAL-8HP4-2-L	TAL-8HP4-2.5-L	TAL-8HP6-2-L	TAL-8HP6-2.5-L	TAL-10HP-2-L	TAL-10HP-2.5-L	TAL-10HP2-2-L	TAL-10HP2-2.5-L	TAL-10HP4-2-L	TAL-10HP4-2.5-L	TAL-10HP6-2-L	TAL-10HP6-2.5-L
风机形式 Motor Type		双段 Double-stage															
风机功率 Motor Capacity	kW	5.5								7.5							
进风口径 Air Inlet Size	mm	50.8 (2.0")	63.5 (2.5")	50.8 (2.0")	63.5 (2.5")	50.8 (2.0")	63.5 (2.5")	50.8 (2.0")	63.5 (2.5")	50.8 (2.0")	63.5 (2.5")	50.8 (2.0")	63.5 (2.5")	50.8 (2.0")	63.5 (2.5")	50.8 (2.0")	63.5 (2.5")
控制站次 Control Stations	站	1		2		4		6		1		2		4		6	
输送能力 Conveying Ability	kg/h	1500				1800				2000				2500			
外观尺寸 Dimensions	L(m)	0.75						0.85		0.75						0.85	
	W(m)	0.72		0.74				0.81		0.74						0.81	
	H(m)	1.69						1.74		1.69						1.74	
系统电源 Power Supply	V	380VAC 3P/PE 50Hz															
控制电源 Control Voltage	V	220VAC 1P/PE 50Hz															
总功率 Total Power	kW	5.6								7.6							
电源线规格 Wires Specifications	mm ²	4 × 2.5								4 × 4							
电源线长度 Wires Length	m	5															
过滤类型 Filter Type		布袋过滤 Cloth Filter															
中央集尘桶 Centralized Dust Collector	L	50															
标准功能 Standard Functions		释压功能Pressure Relieve Functions 喷洗功能Spray Cleaning Functions 集尘功能Duct Collection Functions 消音功能Silencing function															
机器重量 Weight	kg	176						180		185						200	
可选料斗 Applicable Hopper Model		SR-3E SR-6E SR-12E MR-3 MR-6 MR-12 MR-24 CSR-3E CSR-6E CSR-12E CMR-3 CMR-6 CMR-12 CMR-24 CMR-48															

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

料 杯

Hopper Receivers

● 特点 Features

- MR/SR-E/CSR-E/FSR系列采用全不锈钢材质结构，确保原料不受污染，用以提供吸料机选用。
- 均采用不锈钢落料挡板，不需随不同原料而调整。
- SR-E/CSR-E/FSR系列法兰座底与料斗之间采用卡箍锁住，便于拆卸。
- CSR系列采用分离阀，几台中央式吸料机共用一台马达使用中央供料系统。
- FSR系列特别针对光学级产品设计,减少粉末对产品影响，提升产品良率。
- 均装配射式光电开关，适于直接安装成型机入料口；装配近接开关，适于直接安装成型机料斗上。
- 均采用玻璃料管搭配静电感应测器设计，可精确侦测原料输送。
- 均装配不锈钢滤网，可以及时清除积尘。

- Stainless steel construction used by MR/SR-E/CSR-E/FSR series for ensuring material free and for all structural by MR/SR-E/CSR-E/FSR series from contamination that working with detachable autoloaders.
- Mechanical stainless flap fitting on ER/SR/CSR series that need not to be adjusted according to different material.
- With hopper receivers and bases are locked by hinge, SR-E/CSR-E/FSR series is easy for dismantle.
- A diaphragm valve fitting on CSR series if several central hopper receivers want to share same blower for centralized feeding system.
- FSR series is particularly designed for optic product use for reducing powder to cause any defects for enhancing productivity qualities.
- Autoloaders equip with photo sensors which are mounted onto the feeding port of injection molding machines; autoloaders equip with proximity switch which are mounted onto the hopper dryers.
- To adopt glass tube with photo sensor (static capacity detection) for precisely detect material conveying..
- To be fitted with stainless screener for easy filtering dust.



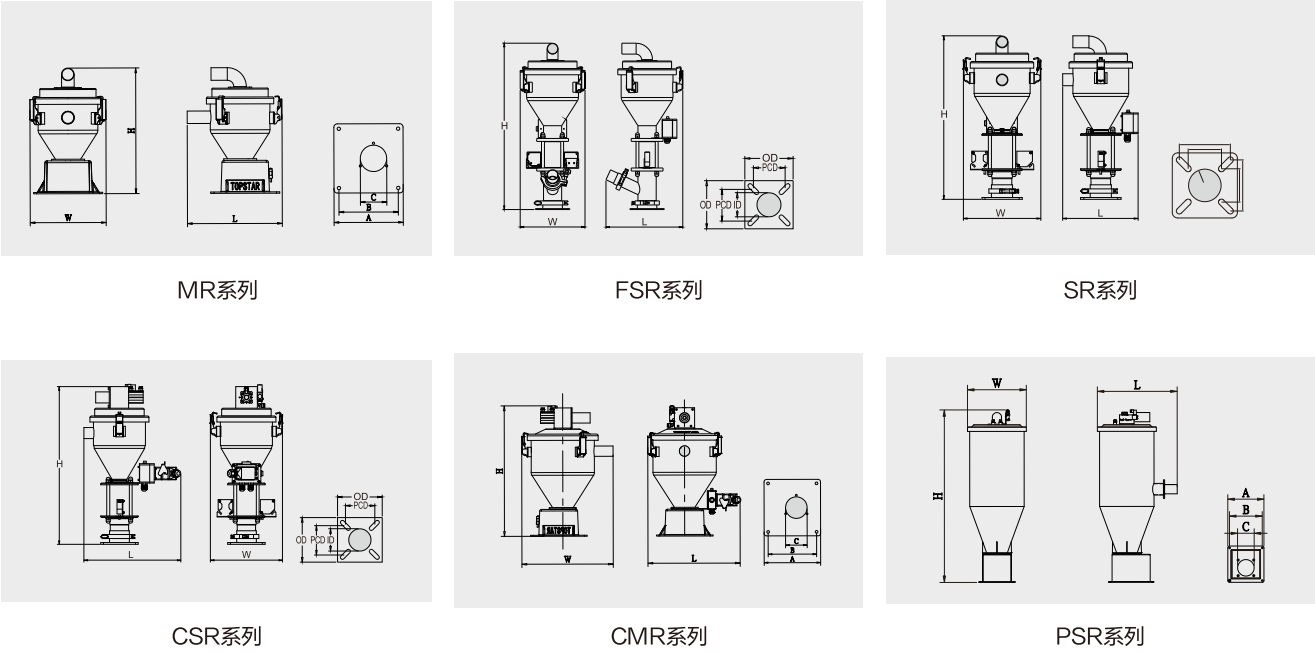
料杯可控制吸料机之吸料动作顺畅。提供不同料杯系列-普通型料杯、不锈钢料杯、光学级料杯等供客户有多样性的选择。使用不锈钢材质，确保原料不受污染，搭配透明强化玻璃设计，容易观察料位情况，特别适用于光学级产品所使用。可直接安装在注塑机上或配合吸料机使用，清料、换料等工作更为得心应手。

主要分为：磁性感应料杯MR系列、沸腾式不锈钢料杯FSR系列、不锈钢料杯SR-E系列、中央式不锈钢料斗CSR-E系列。

Hopper Receivers are fitted with sensors to control materials suction smoothly.Diverse Hopper Receivers - standard type, stainless type and for optics type are provided according to customers' various requirements. Stainless hopper receivers ensure no contamination to raw materials and they are equipped with see-through window to monitor materials levels which are especially suitable for application of.optics. They can be mounted onto plastic injection molding machines directly or to work with separated autoloaders and give more convenient on cleaning or changing.materials.Including.

FSR Series Optics Stainless Steel.Hopper Receivers、SR Series Stainless Steel Hopper Receivers、CSR Series Central Stainless Steel Hopper Receivers.

● 产品结构图 Product Structure Diagram



● 规格表 Specification Sheet

产品型号Model		MR-3	MR-6	MR-12	CMR-3	CMR-6	CMR-12	CMR-24	CMR-48	PSR-20	SR-1E	SR-3E	SR-6E	SR-12E	SR-24E	CSR-3E	CSR-6E	CSR-12E	CSR-24E
料斗容量 Oppe Capacity	L	3	6	12	3	6	12	24	48	20	1	3	6	12	24	3	6	12	24
输送能力 Conveying Ability	kg/h	70	140	200	70	140	200	320	500	250	30	70	140	200	320	70	140	200	320
感应类型 Sensor Type		磁感应 Magnetic induction									光电式 Photoelectric								
料管口径 Hose Size	mm	φ 38.1 (φ 50.8)						φ 50.8 (φ 63.5)		φ 38.1 (φ 50.8)	φ 38.1	φ 38.1 (φ 50.8)							
过滤类型 Filter Type		金属网Metal mesh (304/ 1.2t/ φ2 × 2)								滤袋Sleeve /10 μ m	金属网Metal mesh (304/ 1.2t/ φ2 × 2)								
外观尺寸 Dimensions	L(m)	0.286	0.341	0.405	0.348	0.375	0.408	0.393	0.498	0.458	0.199	0.289	0.341	0.386	0.387	0.362	0.389	0.457	0.656
	W(m)	0.229	0.276	0.332	0.229	0.276	0.331	0.325	0.406	0.360	0.185	0.228	0.276	0.325	0.325	0.228	0.276	0.325	0.325
	H(m)	0.437	0.516	0.523	0.445	0.527	0.542	0.756	0.893	1.166	0.358	0.512	0.593	0.637	0.844	0.585	0.668	0.658	0.879
固定尺寸 Size	A(m)	0.21								0.20	0.11	0.12		0.19	0.20	0.12		0.19	0.20
	B(m)	0.18									0.06~0.09	0.060~0.095		0.082~0.165	0.082~0.180	0.060~0.095		0.082~0.165	0.082~0.180
	C(m)	0.076						0.089			0.03	0.06		0.06	0.06	0.06		0.06	0.06
机器重量 Weight	kg	6	7	8	6.5	7.5	8.5	9	10	7.5	5	6	7	8	9	6.5	7.5	8.5	9.5

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

TCA系列 风冷式冰水机

TCA Series Air Chillers

● 特点 Features

- 采用高品质压缩机及水泵，安全宁静、省电耐用。
- 采用全电脑温控器，操作简洁，能准确地控制水温在 5-35℃。
- 冷凝器及蒸发器设计独特，换热效果更佳。
- 有电流过载保护，高低压控制及电子式时间延迟安全装置，当发生故障时及时发出警报及显示故障原因。
- 内置304不锈钢保温水箱，经久耐用，清洗方便。
- 设有逆相欠相保护和防水保护。

- To adopt superb compressors and pumps to ensure safe& quietrunning, power saving and durable service life.
- To employ microcomputer with easy operation which can control temperature within 5 to 35 precisely.
- Unique design for condenser and heat-dispersion unit result in excellent heat-exchange effect.
- To equip with electrical current overload protection, high & low-pressure switch, electronic timer delay safety device. It will alarm to display faulty while any malfunction occurs.
- To adopt with internal 304 stainless steel insulated water tank with durable service life for easy cleaning & maintenance.
- Complete safety devices including power reverse phase & power short phase and anti-freeze protection.



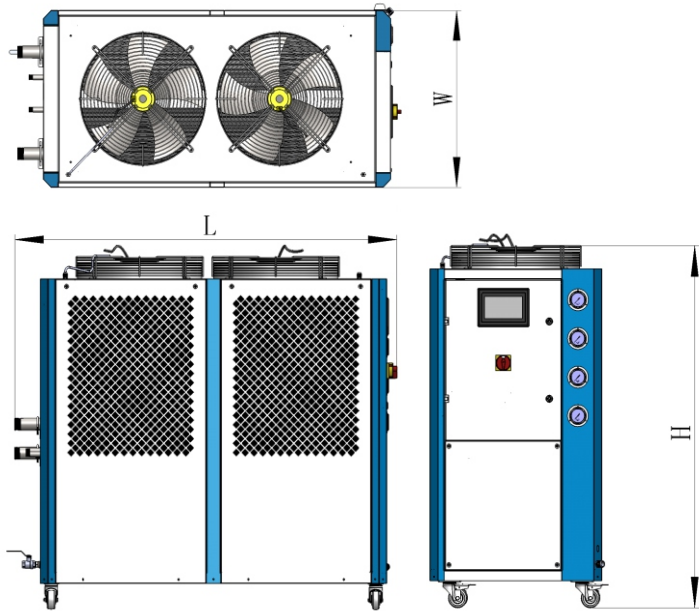
风冷式采用翅片式冷凝器，导热快，散热效果佳，无需提供冷却水。可提供5~35℃的冰水（温控精度±2℃），压缩机功率从5HP~50HP，制冷能力可达13416~130720 Kcal/hr。

Air Chillers adopt fin condensers (without need of cooling water) with the features of rapid heat transmission and excellent heat dispersion. This series can be afforded cooling ranges from 5~35℃(temperature controlled accuracy at ±2℃). The compressors' power range from 5HP~50HP and cooling

风冷壳管式冷水系统 Air Chillers Tube-in-shell Type

风冷盘管式冷水系统 Air Chillers Spiral Type

● 产品结构图 Product Structure Diagram



● 规格表 Type

产品型号Model		TCA-5	TCA-10	TCA-15	TCA-20	TCA-5T	TCA-10T	TCA-15T	TCA-20T	TCA-30T	TCA-40T	TCA-50T
用电规格 Power supply		3ph-380v/50hz										
总电气容量 Total power capacity (kw)		4.8	10.0	14.1	19.0	5.0	9.4	14.2	19.1	28.9	38.4	45.9
控制方式 Control method		PID控制 PID control										
制冷量 Refrigerating capacity	Kcal/h	12470	24940	37410	49880	12470	24940	37410	49880	74390	105350	123840
	kw	14.5	29	43.5	58	14.5	29	43.5	58	86.5	122.5	144
制冷剂 Refrigerant	名称 Name	R22/R407C/R410A										
压缩机 Compressor	类型 Type	全封闭涡旋式 Fully enclosed scroll										
	匹数 Power (HP)	5	5*2	5*3	5*4	5	5*2	5*3	5*4	12*2+5	10*4	12*4
	数量 Number	1	2	3	4	1	2	3	4	3	4	4
冷凝器 Condenser	类型 Type	微通道式 Microchannel type				翅片式 Fin type						
	散热环境温度 Ambient temp	≤35℃										
风机 Fan	功率 Power (W)	130	414	550	800	180	450	600	800	800	2200	2200
	数量 Quantity	2	2	2	2	2	2	2	2	3	2	2
蒸发器 Evaporator	类型 Type	水箱盘管式 Water tank coil type				壳管式 Shell and tube type						
	水箱容量 Water tank capacity(L)	50	140	170	220	60	100	100	100	230	160	160
	水箱材质 Water tank material	PP			SUS304							
	冷冻进出水管 Chilled water inlet and outlet pipes	DN25	DN40	DN50	DN50	DN25	DN40	DN50	DN65	DN65	DN80	DN80
	冷冻水流量 Chilled water flow (m³/h)	2.49	4.99	7.48	9.98	2.49	4.99	7.48	9.98	14.88	21.07	24.77
媒体泵 Medium Pump	功率 Power(kW)	0.55	1.5	1.5/2.2	2.2	0.55	1.3	1.3	2.6	4.0	4.0	5.5
	最大流量 Maximum flow (L/min)	66	132	132/200	200	117	267	267	400	517	1150	1300
	最大扬程 Maximum lift (m)	23	35	35/35	35	30	33.5	33.5	42.5	41.2	21	26
保护功能 Protective function		高低压保护、过载保护、压缩机延时启动、液位过低报警、防冻保护（选配）、流量开关（选配）、热气旁通阀（选配） High and low pressure protection, overload protection, compressor delayed start, low liquid level alarm, antifreeze protection (optional), flow switch (optional), hot gas bypass valve (optional)										
产品颜色 Product color		SPCC白色烤漆（RAL7047）、SPCC蓝色烤漆（RAL5012） SPCC white paint (RAL7047), SPCC blue paint (RAL5012)										
产品净重 Product net weight (kg)		176	315	460	550	165	380	380	550	750	850	950

注1: 产品规格若有变更，恕不另行通知。 We reserve right to change specifications without prior notice.

● 产品尺寸 Product Size

产品型号Model	TCA-5	TCA-10	TCA-15	TCA-20	TCA-5T	TCA-10T	TCA-15T	TCA-20T	TCA-30T	TCA-40T	TCA-50T
L(mm)	1450	1600	2090	2220	1370	1410	1530	1710	1910	2200	2200
W(mm)	600	700	830	910	630	750	850	950	1100	1200	1200
H(mm)	1030	1400	1620	1830	1250	1500	1750	1950	2450	2350	2350
包装体积 Packing volume(m³)	0.90	1.70	2.80	3.70	1.10	1.60	2.30	3.17	5.15	6.20	6.20
包装尺寸Packing size(cm)	145*60*103	160*70*140	209*83*162	222*91*183	137*63*125	141*75*150	153*85*175	171*95*195	191*110*245	220*120*235	220*120*235

注2: 选配、选购功能整机尺寸会变化；非标机型尺寸另行通知。
Note 2: The dimensions of the optional and optional functions will change; the dimensions of non-standard models will be notified separately.
注3: 产品规格如有变更，恕不另行通知。
Note 3: Product specifications are subject to change without prior notice.

TCW系列
水冷式冰水机

TCW Series
Water Chillers

● 特点 Features

- 采用高品质压缩机及水泵，安全宁静、省电耐用。
- 采用全电脑温控器，操作简洁，能准确地控制水温在5~35℃。
- 冷凝器及蒸发器设计独特，换热效果更佳。
- 有电流过载保护，高低压控制及电子式时间延迟安全装置，当发生故障时及时发出警报及显示故障原因。
- 内置304不锈钢保温水箱，经久耐用，清洗方便。
- 设有逆相欠相保护和防冰保护。

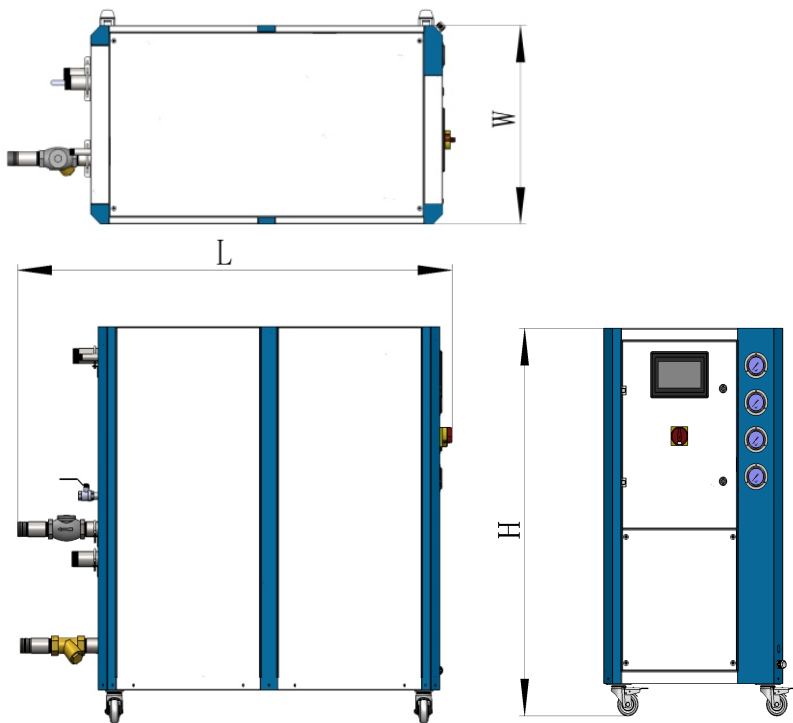
- To adopt superb compressors and pumps to ensure safe& quietrunning, power saving and durable service life.
- To employ microcomputer with easy operation which can control temperature within 5 to 35 precisely.
- Unique design for condenser and heat–dispersion unit result in excellent heat–exchange effect.
- To equip with electrical current overload protection, high & low–pressure switch, electronic timer delay safety device. It will alarm to display faulty while any malfunction occurs.
- To adopt with internal 304 stainless steel insulated water tank with durable service life for easy cleaning & maintenance.
- Complete safety devices including power reverse phase & power short phase and anti–freeze protection.



水冷式冰水机采用壳管式冷凝器，导热快，散热效果佳。可提供5~35℃的冰水（温控精度±2℃），压缩机功率从5HP~50HP，制冷能力可达13416~130720 Kcal/hr。

Water Chillers adopt shell–shape condensers with the features of rapid heat transmission and excellent heat dispersion. This series can be afforded cooling ranges from 5~35℃, even lower to 3℃ (temperature controlled accuracy at ±1℃). The compressors' power range from 5HP~50HP and cooling capacities range from 13416~ 130720 Kcal/hr.

● 产品结构图 Product Structure Diagram



● 规格表 Type

产品型号Model		TCW-5	TCW-10	TCW-15	TCW-20	TCW-5T	TCW-10T	TCW-15T	TCW-20T	TCW-25T	TCW-30T	TCW-40T	TCW-50T
用电规格 Power supply		3ph-380v/50hz											
总电气容量 Total power capacity (kw)		4.5	9.4	13.7	17.5	4.7	8.5	13.0	17.5	21.2	26.5	34.0	41.5
控制方式 Control method		PID控制 PID control											
制冷量 Refrigerating capacity	Kcal/h	12470	24940	37410	49880	12470	24940	37410	49880	62092	74390	105350	123840
	kw	14.5	29	43.5	58	14.5	29	43.5	58	72.2	86.5	122.5	144
制冷剂 Refrigerant	名称 Name	R22/R407C/R410A											
压缩机 Compressor	类型 Type	全封闭涡旋式 Fully enclosed scroll											
	匹数 Power (HP)	5	5*2	5*3	5*4	5	5*2	5*3	5*4	12*2	12*2+5	12*3+5	12*4
	数量 Number	1	2	3	4	1	2	3	4	2	3	4	4
冷凝器 Condenser	类型 Type	板式 Plate type			壳管式 Shell and tube type								
	散热水管径 Radiation water pipe diameter(inch)	DN25	DN40	DN50	DN50	DN25	DN40	DN50	DN65	DN65	DN65	DN80	DN80
	散热水进出水压差 Water pressure difference between inlet and outlet of radiating water	≥1.5 MPa											
	散热水流量 Dissipation water flow(m³/h)	3.12	6.24	9.35	12.47	3.12	6.24	9.35	12.47	15.52	18.60	26.34	30.96
	类型 Type	水箱盘管式 Water tank coil type				壳管式 Shell and tube type							
蒸发器 Evaporator	水箱容量 Water tank capacity(L)	50	140	170	220	60	120	180	230	130	130	240	240
	水箱材质 Water tank material	PP			SUS304								
	冷冻进出水管 Chilled water inlet and outlet pipes	DN25	DN40	DN50	DN50	DN25	DN40	DN50	DN65	DN65	DN65	DN80	DN80
	冷冻水流量 Chilled water flow (m³/h)	2.49	4.99	7.48	9.98	2.49	4.99	7.48	9.98	12.42	14.88	21.07	24.77
媒体泵 Medium Pump	功率 Power(kW)	0.55	1.5	1.5/2.2	2.2	0.55	1.3	1.3	2.6	4.0	4.0	4.0	5.5
	最大流量 Maximum flow (L/min)	66	132	132/200	200	117	267	267	400	517	517	1150	1300
	最大扬程 Maximum lift (m)	23	35	35/35	35	30	33.5	33.5	42.5	41.2	41.2	21	26
保护功能 Protective function		高低压保护、过载保护、压缩机延时启动、液位过低报警、防冻保护（选配）、流量开关（选配）、热气旁通阀（选配） High and low pressure protection, overload protection, compressor delayed start, low liquid level alarm, antifreeze protection (optional), flow switch (optional), hot gas bypass valve (optional)											
产品颜色 Product color		SPCC白色烤漆（RAL7047）、SPCC蓝色烤漆（RAL5012） SPCC white paint (RAL7047), SPCC blue paint (RAL5012)											
产品净重 Product net weight (kg)		150	281	410	520	160	280	380	480	580	680	750	850

注1: 产品规格若有变更，恕不另行通知。 We reserve right to change specifications without prior notice.

● 产品尺寸 Product Size

产品型号Model	TCW-5	TCW-10	TCW-15	TCW-20	TCW-5T	TCW-10T	TCW-15T	TCW-20T	TCW-25T	TCW-30T	TCW-40T	TCW-50T
L(mm)	1250	1470	1820	2070	950	1310	1300	1530	1530	1680	1680	1680
W(mm)	500	650	650	650	550	750	800	800	800	800	900	900
H(mm)	935	1270	1270	1270	900	1250	1500	1750	1750	1750	2200	2200
包装体积 Packing volume(m³)	0.6	1.2	1.5	1.7	0.5	1.3	1.6	2.2	2.2	2.4	3.4	3.4
包装尺寸Packing size(cm)	125*50*93.5	147*65*127	182*65*127	207*65*127	95*55*90	131*75*125	130*80*150	153*80*175	153*80*175	168*80*175	168*90*220	168*90*220

注2: 选配、选购功能整机尺寸会变化；非标机型尺寸另行通知。
Note 2: The dimensions of the optional and optional functions will change; the dimensions of non–standard models will be notified separately.
注3: 产品规格如有变更，恕不另行通知。
Note 3: Product specifications are subject to change without prior notice.

开放式冷水机组

Water Chillers (Opentype)

● 特点 Features

- 采用高品质压缩机及水泵，安全宁静、省电耐用。
- 采用全电脑温控器，操作简洁，能准确地控制水温在5-35℃。
- 冷凝器及蒸发器设计独特，换热效果更佳。
- 有电流过载保护，高低压控制及电子式时间延迟安全装置，当发生故障时及时发出警报及显示故障原因。
- 设有逆相欠相保护和防冰保护。

- To adopt superb compressors and pumps to ensure safe& quietrunning, power saving and durable service life.
- To employ microcomputer with easy operation which can control temperature within 5 to 35 precisely.
- Unique design for condenser and heat-dispersion unit result in excellent heat-exchange effect.
- To equip with electrical current overload protection, high & low-pressure switch, electronic timer delay safety device. It will alarm to display faulty while any malfunction occurs.
- Complete safety devices including power reverse phase & power short phase and anti-freeze protection.

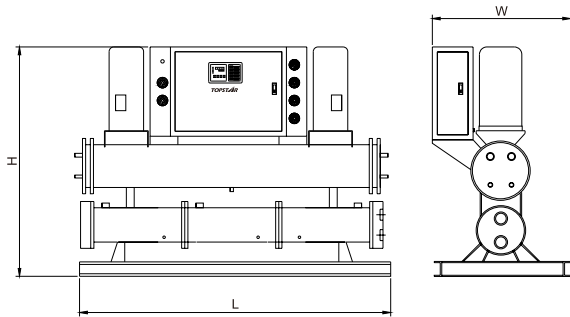


● 开放式冷水机组系统规格表 Water Chillers Tube-in-shell Type

产品型号Model		TLW-110S	TLW-140S	TLW-180S	TLW-200S	TLW-230S	TLW-260S
制冷量 Cooling Capacity	kW	110	140	180	200	230	260
压缩机数量 Number of Compressors	台Set	1	1	1	1	1	1
压缩机总功率 Compressor Total Power	HP	30	40	50	60	70	80
使用冷媒 Refrigerant		R22					
充注量 Charge volume	kg	21	28.5	35.5	42	49	54
控制方式 control mode		热力膨胀阀 Thermal expansion valve					
蒸发器类型 Evaporator Type		壳管式 Tube-in-shell type					
蒸发器进出口口径 Evaporator Inlet/outlet Size		3"	3"	3"	3"	4"	4"
冷凝器类型 Condenser Type		壳管式 Tube-in-shell type					
冷凝器散热水口径 Condenser Hot Wat		3"	3"	3"	3"	4"	4"
冷水进出口数量 Number of Cooling Water Inlet/outlet	组 Group	1					
系统电源 Power Supply	V	380VAC 3P/PE 50Hz					
控制电源 Control Voltage	V	220VAC 1P/PE 50Hz					
外观尺寸 Dimensions LxWxH	M	1.75×0.9 ×1.5	1.75×0.9 ×1.55	1.75×0.9 ×1.55	1.75×0.9 ×1.55	2.6×1.0 ×1.65	2.6×1.0 ×1.65
机器重量 Weight	kg	950	1050	1120	1250	1450	1500

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

● 产品结构图 Product Structure Diagram



TGB 称重式计量机

TGB Series Gravimetric Blenders

● 特点 Features

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

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

● 规格表 Specification Sheet

产品型号MODEL	TGB-1	TGB-2	TGB-5	TGB-10	TGB-25
原料种类 Kinds of Material	2-4	2-6	2-6	2-7	2-10
最大输出量 Max. Output Capacity(kg/HR)	95-180	190-400	475-800	950-1800	1800-3600

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

主要用于处理从2种到6种原料的定量称重计量和搅拌，包括新料、次料、色母和多种添加剂等进行称重计量和均匀搅拌混合。计量能力从20kgs/hr到1000kgs/hr。该系列产品采用高精度重量感测器使批次的混合配比误差(视设定配比比例大小而定)能控制在±0.3%~0.5%。型号齐全，可满足多种精度等级的混合要求。

Gravimetric Blenders are extensively configured to handle two of up to six different components by dosing & blending in total throughput from 20kgs/hr to 1000kgs/hr; generally including virgin, regrind materials, masterbatch and other various additives. The series adapts precision load cells to make batch blend resulting in a highly accuracy within ±0.3%~0.5%. (accurate tolerances are varied according to batch to batch blend ratio). Full wide range of this series can satisfy versatile requirements on high precision blending.

TSM系列 色母机

TSM Series Screw Dosers

适用于新、次料、色母或添加剂等的自动比例混合。依据预先设定的比例混合，透过微电脑控制系统设定的条件自动演算出所需之转速(rpm)，计量精准，其误差值±1%。该产品具备两种模式，分别适用于塑胶的注塑成型和挤出成型。螺杆直径分为8、12、16、20、24等多种，采用进口直流无刷马达，可演变出多种机型，提供0.08~38kgs/hr的不同输出量供客户选择。另有双色色母机，根据客户需求搭配，满足不同场合、不同领域使用。

Screw Dosers are extensively used for precise auto-proportional dosing & blending of virgin, regrind materials, masterbatch and other various additives. The microprocessor accurately controls rate of revolution of a motor for high precise metering with an accuracy of ± 1% from set points. This series can be used on the differential applications with injection molding machines and extruders. A brushless DC motor is used for this series. The dosing screws are offered with various size: 8、12、16、20 and 24 for developing diverse models with throughputs from 0.08~38kgs/hr. TOPSTAR developed double-color screw dosers according to customers' various demands which can be satisfied with diverse applications.



● 特点 Features

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

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

● 规格表 Specification Sheet

产品型号 MODEL		单色色母机 SINGLE COLOR DOSERS					双色色母机 DOUBLE COLOR DOSERS				
		TSM-6008-A9	TSM-6012-A9	TSM-6016-A9	TSM-6020-A9	TSM-6024-A9	TSM-6008-6008-A9	TSM-6012-6012-A9	TSM-6016-6016-A9	TSM-6020-6020-A9	TSM-6024-6024-A9
马达功率 Motor Power	W	60					60×2				
搅拌功率 Dosing Capacity	W	90(选配)									
螺杆直径 Screw Dia.		8	12	16	20	24	8×2	12×2	16×2	20×2	24×2
输出量 Output Capacity	kg/h	0.08~1.5	0.1~3	0.2~10	0.4~20	0.8~38	0.08~1.5 -0.08~1.5	0.1~3 -0.1~3	0.2~10 -0.2~10	0.4~20 -0.4~20	0.8~38 -0.8~38
储料斗 Tank	L	12					12×2				
外形尺寸 Dimensions	H(M)	0.55					0.95				
	W(M)	0.3					0.33				
	D(M)	0.47					0.47				
重量 Weight	kg	19					32				

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

- 以上输出量是以比重为0.8kg/dm³、直径为2~3mm的塑料粒子以连续运转的方式测得的数据，仅供参考。
- 单色机的输出量数据仅供参考。

- All the output capacity from above models is base on the data from density0.8kg/dm³. 2~3mm master batch in test criteria of continuous running.
- data of single color doser can be a reference.

TVM系列 立式混色机

TVM Series Vertical Mixers

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

Vertical Color Mixers are equipped with vertical paddles form vortex to mix material fast and homogenous within short time, low power consumption, high efficiency. Vertical structure with castor wheels for easy moving, small footprint. To adapt imported vertical type of speed reduce motor features with low noise and durable in use.

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



● 特点 Features

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

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

● 规格表 Specification Sheet

产品型号 MODEL	TVM-50	TVM-100	TVM-150	TVM-200	TVM-300
混合量 Mixing Capacity(kg)	50	100	150	200	300
电机功率 Motor Power(kW)	1.5	3	4	7.5	11.5
电压 Voltage(V)	380	380	380	380	380
外型尺寸 Dimensions(m)	0.83×0.83×1.12	1×1×1.28	1.13×1.13×1.38	1.2×1.2×1.45	1.3×1.3×1.6
重量(kg)	125	170	250	450	550

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



THM系列 卧式混色机

THM Series Horizontal Mixer

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

Horizontal paddles are made of added-thickness stainless steel, the distances to barrel wall are precisely calculated reasonable to make fast & homogenous mixing. All these models are equipped with speed reducer motors which feature with low noisy and durable service life, Barrel can be inclined to 100° for easy unloading.

卧式混色机
Horizontal Mixers

大型卧式搅拌机
Large Horizontal Mixers

加热型卧式搅拌机
Heating Horizontal Mixers

● 特点 Features

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

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

● 规格表 Specification Sheet

产品型号 MODEL	THM-100	THM-150	THM-200
混合量 Mixing Capacity(kg)	100	150	200
电机功率 Motor Power(kW)	2.2	4	4
电压 Voltage(V)	380	380	380
外型尺寸 Dimensions(m)	1.1×0.85×1.3	1.42×0.85×1.3	1.6×1×1.38
重量(kg)	285	358	530

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

TPV系列
两料比例阀

TPV Series
Proportional Valves

主要用于新料，次料按所需比例互相混合，并由微电脑控制两料比例，以计时器之比例差作交换吸引，将次料依比例混入新料中，确保原料输送过程畅顺及避免原料在输送过程中再次污染，本装置可减少人工成本并且减少资源浪费，从而降低成本。

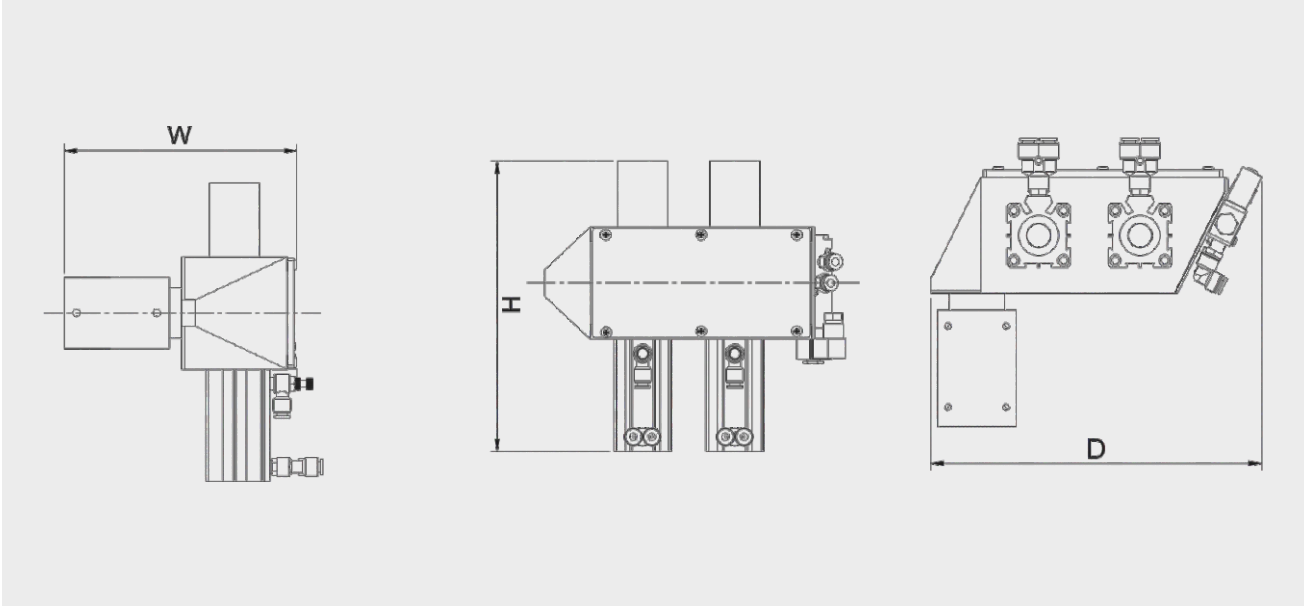
Proportional Valves are mainly used for mixing virgin & regrind materials in a proper proportion which controlled by microcontroller & differential proportion of timer to ensure loading smoothly and eliminate the possibility of cross contamination during conveying. This device can reduce labor cost and raw material cost.



● 特点 Features

- 外形美观，安装方便，操作简单。
- 电磁阀性能稳定，气缸动作准确，确保准确的混料比例。
- 特有的阀体设计，使物料的输送更加畅通。
- 搭配吸料机使用时，无需订购独立控制。
- 和粉碎机立即回收使用时可减少成本支出。
- 新旧料比例,可以任意按所需比例调整。
- 在其他使用场合时，可提供控制箱搭配使用。

- Exquisite appearance, easy installation and operation.
- The performance of solenoid valve is so stable to make air cylinder acting accurately in order to ensure the proportional mixing of virgin and regrind materials.
- Vale body with unique design make mate4rial conveying more smoothly.
- No need control box when working with hopper loaders.
- It can reduce the production cost when working with instant recycling the regrind material from granulators.
- Virgin and regrind material can be adjusted according to requirements.
- Control box is available as option when working with other situations.



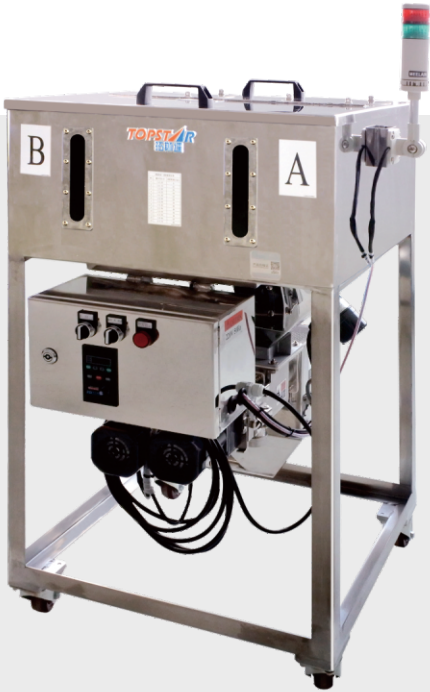
● 规格表 Specification Sheet

产品型号 MODEL		TPV-40V	TPV-50V
驱动力 Driven Force	Kgf/cm2	3~6	3~6
驱动方式 Driven Means		气缸 Cylinders	
控制电压 Control Voltage	V	AC220V/DC24V	
工作电压 Working Voltage	V	24V	
最大输送量 Max.ConveyingCapacity	Kg /h	330	500
配管口径 Pipe Size	mm	38.1 (1.5")	50.8 (2.0")
总功率 Total Power	W		
外观尺寸 Dimensions	H(M)	0.220	0.220
	W(M)	0.133	0.133
	D(M)	0.205	0.205
机器重量 Weight	kg	2	2.2
搭配机型 Option Machine		料斗 Hopper Receiver	

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

TMT
混合比例料箱

TMT Mix Tank

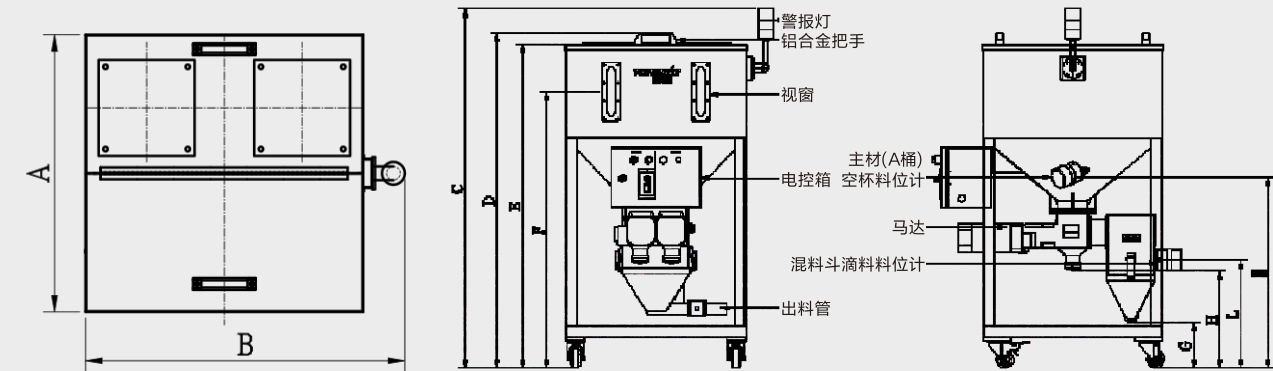


● 特点 Features

- 两种物料的存贮，同时设有计量配比功能（大部分用于新料与粉碎料的混合）。
 - 计量螺杆SUS304材质，新料定速，粉碎料调速。
 - 粉碎料对新料配比范围：5%～70%。
 - 配比精度±2%。
 - 操作简单，直接调整粉碎材的数显转速表。
- Storage of two materials, also has volumetric dosing function(use most occasion for virgin and regrind)
 - SUS304 screw, fixed speed for virgin, adjustable speed for regrind.
 - Regrind ratio range to virgin: 5%～70%.
 - Ratio precision ±2%.
 - Easy operation, digital speed-meter for adjusting regrind directly.

● 产品结构图 Product Structure Diagram

产品型号MODEL	TMT-50×50	TMT-100×100	TMT-150×150
A(mm)	695	952	1100
B(mm)	607	862	1008
C(mm)	1200	1434	1408
D(mm)	1080	1324	1368



● 规格表 Specification Sheet

产品型号 MODEL		TMT-50×50	TMT-100×100	TMT-150×150
新料贮存容量(kg)Capacity of material(kg)		50	100	150
粉碎料贮存容量(kg)capacity of regrind(kg)		50	100	150
新料计量能力(连续运转时)Delivery capacity of material(continuous)		290		
粉碎料计量能力(连续运转时)Delivery capacity of regrind(continuous)		14.5～203		
配比精度 commercial mix precision		±2%		
电源 power	主回路电压 main current power	AC200V/220V 50Hz 1P 2W+E(标准电压)(standard voltage)		
	控制回路电压 control current voltage	AC200V/220V 50Hz 1P 2W+E		
	总电气容量 (kW)Total electric capacity	0.15		
电源线 powerline		5		
重量 weight(kg)		50	60	70
外形尺寸(mm)(长×宽×高) dimensions(mm)(L×W×H)		695×607×1200	952×862×1434	1100×1008×1408

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

TMA
体积式计量机

TMA Volumetric
Type Blender



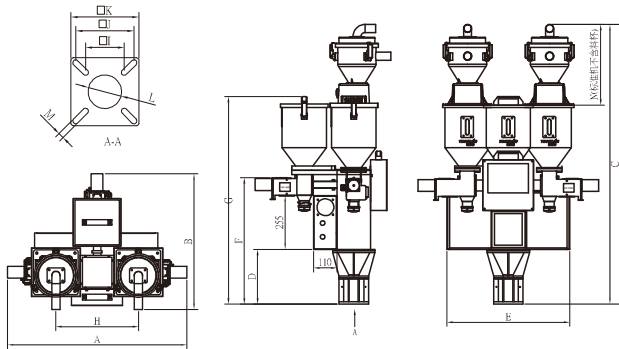
● 特点 Features

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

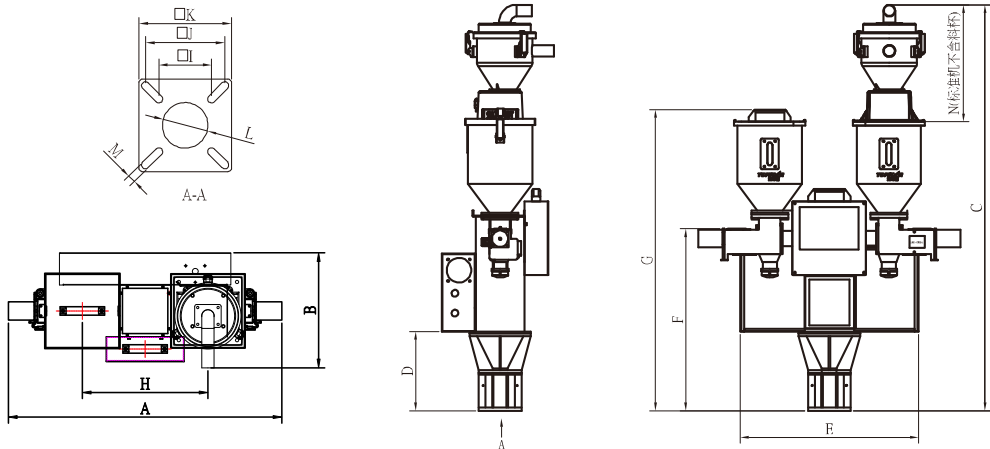
- A variety of materials volumetric dose simultaneously.
- Special material tube, don't need mixing device.
- Dose test simply, less than 10min to complete test.
- Step-motor precisely control speed, the commercial mix precision $\pm 1\%$.
- Easily clean, less than 10min to clean without special tools.
- Operate with Touch screen, can save a variety of recipe.
- Automatic feeding can be realized with auto-loader and suction hopper.
- Using digital alarm history records.
- It can be placed on the floor with auto-loader, suction hopper and frame.

● 产品结构图 Product Structure Diagram

1.TMA-103/TMA-203外形图



2.TMA-102/TMA-202外形图



产品型号MODEL	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	I(mm)	J(mm)	K(mm)	L(mm)	M(mm)	N(mm)
TMA-102-L	845	360	1325	258	580	600	980	400	80	120	140	69	12	382
TMA-103-L	845	640	1325	258	580	600	980	400	80	120	140	69	12	382
TMA-202-L	885	367	1570	258	580	595	1146	400	80	120	140	69	12	382
TMA-203-L	885	650	4570	258	580	595	1146	400	80	120	140	69	12	382

● 规格表 Specification Sheet

产品型号 MODEL		TMA-102-L	TMA-103-L	TMA-202-L	TMA-203-L
物料种类 Material number		2	3	2	3
最大处理能力 kg/hr		130		400	
材料贮存容量 (Lr) Capacity of material(Lr)		10×2	10×3	20×2	20×3
配比精度 commercial mix precision		± 1%			
电源power	主回路电压 main current power	AC200V/220V	50Hz 1P	2W+E(标准电压)	(standard voltage)
	控制回路电压 control current voltage	AC200V/220V	50Hz	1P	2W+E
	总电气容量(kW)Total electric capacity	0.2		0.5	
电源线 power line(m)		5			
重量 weight(kg)		35	50	60	80
外形尺寸(mm) (长×宽×高) dimensions(mm) (L×W×H)		845×340×968	845×624×968	885×340×1150	885×650×1150

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

TGL系列
慢速静音粉碎机

TGL Series
Low Speed Sound
-Proof Granulators

属于无筛网型塑胶回收粉碎机。25~30rpm低速运转，齿啃式刀具设计，专门设计用于粉碎各类硬性及易脆塑胶之不良产品，次品的机边粉碎回收利用；尤其适合粉碎回收PC、尼龙、ABS等硬质水口料。具有转速低，扭矩大，噪音低，产生粉尘少，操作简便的优点，而且具备产品粉碎颗粒均匀，粉碎效果极佳，设备运转中无过热现象，使用寿命长等特点。

As Low Speed Sound-Proof Granulators are non-mesh slow speed plastic recycling units with 25~30rpm which specially designed with teeth cutters for crushing various defective products made of rigid plastics and brittle plastics such as PC, nylon, ABS and so on. All these models are characterized with low speed & high torque, low noise, less powder pollution, easy operation, granulating in even, no-overheating in operation and long service life.

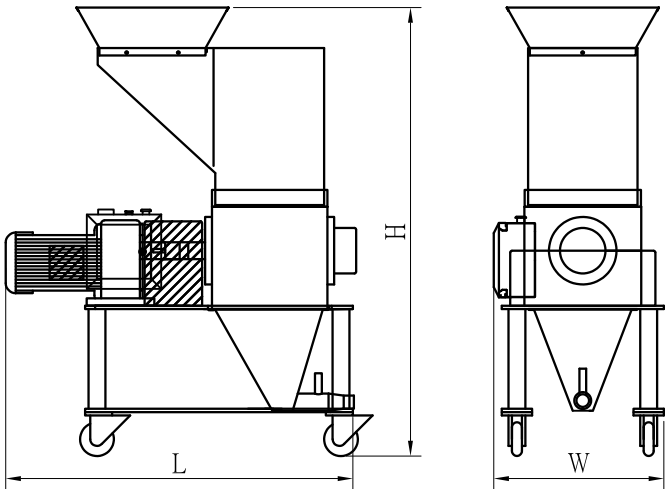


● 特点 Features

- 无筛网设计,碎料均匀粉末少。
- 结构合理,小巧占用空间小,适合狭小空间机台旁使用。
- 刀具材质采用优质SKD-11(选配).经久耐用。
- 30S立即回收可减少对水口料的湿化,氧化等破坏。
- 20~28RPM低速运转,省电,无噪音公害。
- 中空轴型齿轮减速电动机驱动,无需加油节省空间。
- 本系列粉碎机适合回收PC, PBT, ABS, 尼龙等硬质水口料。

- Non - mesh screen design ,well-proportioned granules and less powder pollution.
- Optimized structure of machine with small footprint which is especially suitable for the limited space of workshop to use.
- Both rotor blades and fixed blades are made of SKD-11(option) with long service life.
- 30 sec instant recycling system to keep regrind material free from color changing by oxidation or damping .
- Low speed at 20~28 rpm, power saving , less noise.
- This unit is driven by shaft gear-motor, no need oil.
- This series is suitable for granulating rigid&bristle resins-PC,PBT,ABS,Nylon etc.

● 产品结构图 Product Structure Diagram

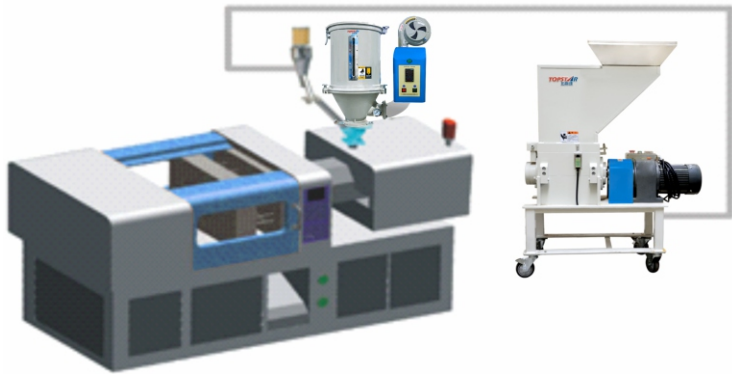


● 规格表 Specification Sheet

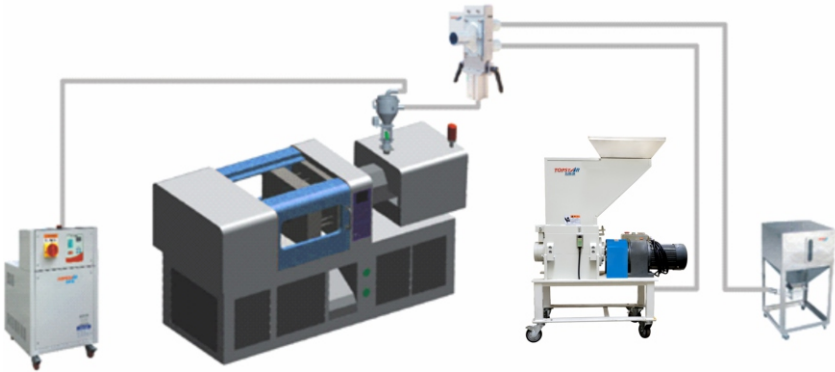
产品型号 MODEL	TGL-2526TS ~1.5HP-A3	TGL-2526TB ~1.5HP-A3	TGL-3232TS ~2HP-A3	TGL-3232TB ~2HP-A3	TGL-3243TS ~3HP-A3	TGL-3243TB ~3HP-A3
粉碎口径 Crushing Chamber (mm)	253×225		305×305		310×415	
粉碎能力(以PP料为标准)Crushing Ability (kg/h)	10~15		20~30		30~40	
主轴转速 Revolutions (r/min)	20~28		20~28		20~28	
刀具结构形式 Cutter Type	滚刀Rotary+S刀S Knife		滚刀Rotary+S刀S Knife		滚刀Rotary+S刀S Knife	
旋转刀数量 Rotating Blades	S刀2件Two S+滚刀3件Three Rotary		S刀2件Two S+滚刀3件Three Rotary		S刀2件Two S+滚刀3件Three Rotary	
固定刀数量 Fixed Blades	6		6		8	
马达功率 Motor Power (HP)	1.5(1.1kW)		2(1.5kW)		3(2.2kW)	
机器总功率 Total Power (kW)	1.2		1.6		2.3	
电源线规格 Wires Specifications (mm2)	5 × 1.5					
电源线长度 Wires Length (m)	5					
噪音 Noise Level (dB)	85					
碎料回收方式 Crushing Recycle Type	吸料式 Suction	料箱式 Box	吸料式 Suction	料箱式 Box	吸料式 Suction	料箱式 Box
外形尺寸 Imensions LxHxW(m)	0.91 × 1.29 × 0.43		1.05 × 1.33 × 0.48		1.16 × 1.35 × 0.48	
重量 Weight(kg)	205		280		323	

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

● 吹料式回收系统流程图 Blown Material Type Recovery System Flowchart



● 新次料比例回收系统流程图 The Data of The Proportion of The New Recovery System Flow Chart



TGM系列

中速粉碎机

TGM Series

Middle Speed

Granulators



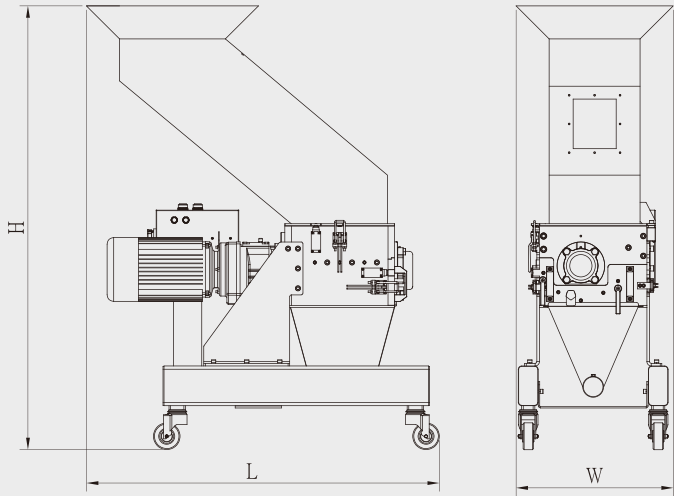
中速粉碎机适用于水口料之粉碎再利用，专门设计能粉碎较硬的工程塑胶，又可粉碎较软的通用塑胶。适中的转速将粉屑、噪音的产生及刀具磨损降到最低点，动刀与定刀都采用Cr12MOV，使用寿命长。具有粉尘少、低噪音、低能耗，操作简便，性能优异的优点，并且设置多种安全保护装置，确保操作安全。

Middle Speed Granulators are mainly used for crushing regrind materials WLto recycleand specially designed not only for rigid engineering plastics but also for soft plastics.WLThe proper speed rotation results in less powder,less noise, and low-wearable ofcutters. Both rotor blades and fixed bladesare made of SKD-11 with long service life.

● 特点 Features

- 粉尘少、低噪音、低能耗。
- 低转速特制减速马达(150r/min)，粉碎颗粒效果佳。
- 刀具材质采用优质Cr12MOV，经久耐用。
- 快速换刀与快速更换筛网设计，维修与保养非常简便。
- 能粉碎较硬的工程塑料，又可粉碎较软的通用塑料。
- 安全防护装置完善，性能稳定可靠。

- Less powder, low noise, low consumption.
- This unit is driven by low speed motor (150 rpm). It can granulate detective parts into well-proportioned granules.
- Blades are made of Cr12MOV with long service life.
- Rapid changing blades & screen design, easy maintenance.
- It is not only suitable for granulating rigid engineering plastics but also soft plastics.
- Safety protection device to comply with safety conformity,stable and reliable function.



● 规格表 Specification Sheet

产品型号 MODEL	TGM-2327CS-3HP-A5	TGM-2327CB-3HP-A5	TGM-2729CS-5HP-A5	TGM-2729CB-5HP-A5
粉碎口径 Crushing Chamber (mm)	235 × 270		270 × 290	
粉碎能力(以PP料为标准) Crushing Ability (kg/h)	35~40		40~45	
主轴转速 Revolutions (r/min)	140~150			
刀具结构形式 Cutter Type	爪刀Claw+筛网Screen Netting			
旋转刀数量 Rotating Blades	24		30	
筛网孔径 Screen Netting Size	Φ6 Φ8 Φ10			
马达功率 Motor Power (HP)	3(2.2kW)		5(3.7kW)	
机器总功率 Total Power (kW)	2.3		3.8	
电源线规格 Wires Specifications (mm2)	3 × 2.5+2 × 1.5		3 × 2.5+2 × 1.5	
电源线长度 Wires Length (m)	5			
碎料回收方式 Crushing Recycle Type	吸料式 Suction	料箱式 Box	吸料式 Suction	料箱式 Box
外形尺寸 Imensions LxWxH(m)	0.90 × 0.50 × 1.20		1.07 × 0.5 × 1.35	
重量 Weight(kg)	230		260	

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

TGP系列
强力型粉碎机

TGP Series
Powerful Granulators

特别适用于各类硬性塑胶之粉碎再利用，效果更佳。刀架优化设计，又分为片刀型，爪刀型和平刀型。爪型刀可分散受力度，使得每片刀的剪切加大，尤其适合厚件产品及大块胶头，硬质料块等，有效的提高了刀具切削力、减少刀具磨损。设有电控安全设计，多项安全保护装置，确保操作安全。

Powerful Sound – Proof Granulators are specially designed for crushing various rigid plastics to recycle with high–efficiency. Superior cutter design has 3 types – flake, flat and claw type. Claw cutter has the characteristics of scattering force even to make each blade giving strong shearing force to reduce cutter wearable, especially are suitable for hard& thick products cutting. The granulators are specially designed with multiple electricity safety devices to ensure safety protection.

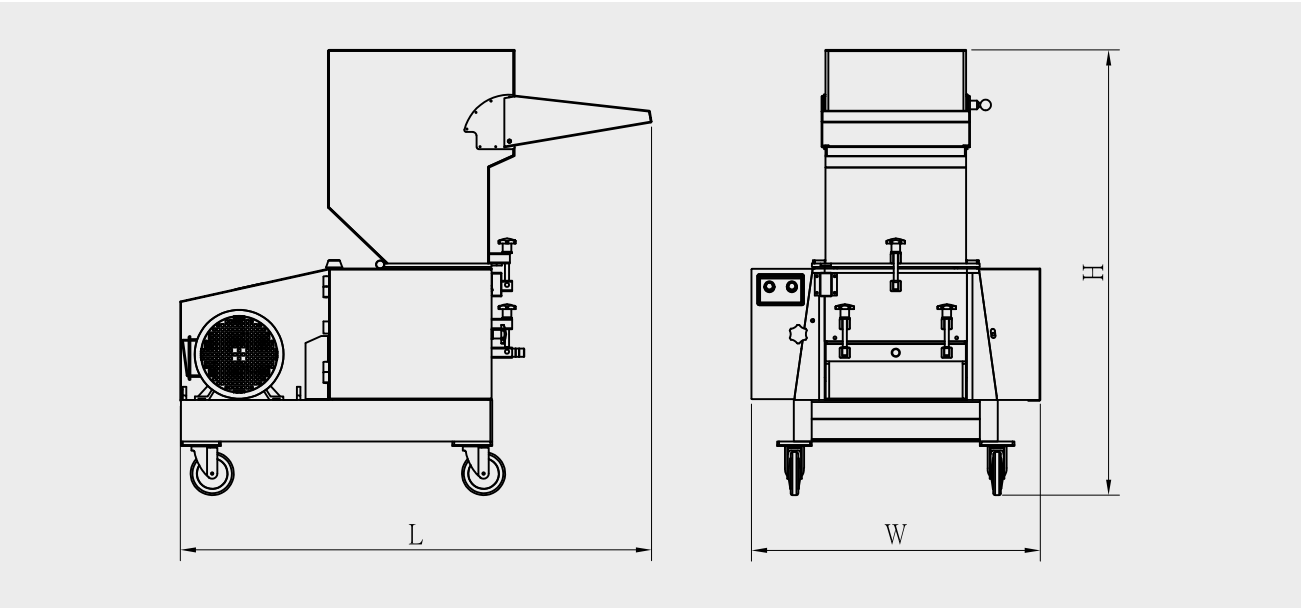


● 特点 Features

- 适合粉碎大块的各种材质形状的不良品，可集中粉碎回收。
- 马达附有过负荷保护装置，并有电源连锁保护系统，附有清洁刀具保护装置操作、清洗绝对安全;确保维护人员的安全。
- 刀具采用优质合金材质，经久耐用。
- 筛网孔径10HP&以下标准配置为8MM，15HP&以上标准配置为10MM，其他规格可接受订做。
- 设计独特，马力最小，效率却佳，并备有双层消音设备，噪音低。
- 粉碎透明料和白色料时，进料斗和筛网需订做不锈钢，以免在粉碎时油漆脱落，污染原料。
- 易拆式设计：入料斗，碎料刀，过滤网均可拆卸，易清洗。

- All models are suitable for granulating big & different material & different shape of defect plastic parts, can be collected to granulate together for recycling use.
- The motor is equipped with overload protector & interlock power protection safety device & granulator is equipped with cleaning cutter protection safety device for ensuring operators’ safety.
- Blades are made of excellet alloy material with long service life.
- The standard screen mesh size for 10HP & below is 8mm; for 15HP & above is 10mm. Other spec can be customized according to customers’ requirements.
- Unique design realizes that the power is smallest but the efficiency is highest. It is also equipped with double– silencer to achieve low noise.
- Feeding hopper and screener need to be made of stainless steelin order to avoid painting peeling off to make material contamination for effecting color.
- Easy disassembly design – feeding hopper, cutters and screener easily dismantle for cleaning.

● 产品结构图 Product Structure Diagram



● 规格表 Specification Sheet

1.片刀 flake blade (–P)

产品型号 MODEL	TGP-2320S-5HP	TGP-3120S-7.5HP	TGP-4123S-10HP	TGP-5129S-15HP	TGP-6132S-20HP	TGP-8147S-30HP/40HP
马达功率 Motor CapacityHP/KW	5(4kW)	7.5(5.5kW)	10(7.5kW)	15(11kW)	20(15kW)	30(22kW) 40(30kW)
刀腔尺寸 Blade size	230 × 200	310 × 200	410 × 235	515 × 290	610 × 320	815 × 470
最大粉碎能力 Mix Crushing Ability(kg/h)	100	150	200	300	350	450
外型尺寸 Dimensions (L×W×H) (m)	0.97 × 0.61 × 1.2	1.0 × 0.72 × 1.29	1.03 × 0.84 × 1.39	1.23 × 1.01 × 1.63	1.32 × 1.11 × 1.83	1.73 × 1.49 × 2.3
重量 Weight (kg)	290	435	450	820	970	2000

2.爪刀 claw blade (–C)

产品型号 MODEL	TGP-3626C-10HP	TGP-4228C-15HP	TGP-4833C-20HP	TGP-6635C-30HP
马达功率 Motor CapacityHP/KW	10(7.5kW)	15(11kW)	20(15kW)	30(22kW)
刀腔尺寸 Blade size	360 × 260	420 × 280	480 × 330	660 × 350
最大粉碎能力 Mix Crushing Ability(kg/h)	200	300	350	450
外型尺寸 Dimensions (L×W×H) (m)	1.06 × 0.83 × 1.44	1.27 × 0.9 × 1.6	1.37 × 0.98 × 1.79	1.57 × 1.32 × 2.00
重量 Weight (kg)	500	795	1040	1700

3.平刀 flat blade (–F)

产品型号 MODEL	TGP-3626F-10HP	TGP-4228F-15HP	TGP-4833F-20HP	TGP-6635F-30HP
马达功率 Motor CapacityHP/KW	10(7.5kW)	15(11kW)	20(15kW)	30(22kW)
刀腔尺寸 Blade size	360 × 260	420 × 280	480 × 330	660 × 350
最大粉碎能力 Mix Crushing Ability(kg/h)	200	300	350	450
外型尺寸 Dimensions (L×W×H) (m)	1.06 × 0.83 × 1.44	1.27 × 0.90 × 1.60	1.37 × 0.98 × 1.79	1.57 × 1.32 × 2.00
重量 Weight (kg)	500	765	940	1640

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TGQ系列

强力静音粉碎机

TGQ Series

Powerful Sound-
Proof Granulators

料斗采用双层结构，减少噪音，使得设备具有良好的安全性及环保性，省电耐用。结构合理，操作方便，可掀式设计，方便维修与保养。全封闭静音设计，机台周围1米范围外噪音在85分贝以下，提供良好工作环境。另外提供强力粉碎机供客户选择。

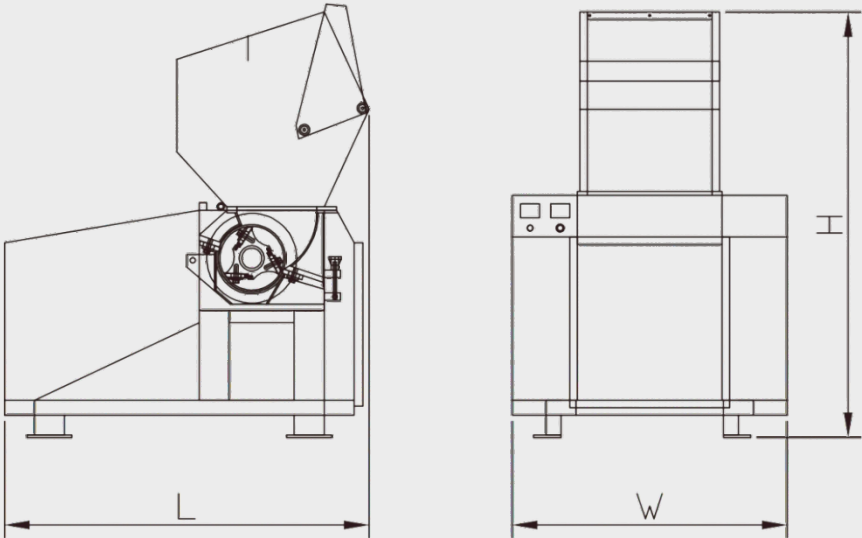
Double sound isolation for low noise level; optimal structure for easy operation; openable design for easy maintenance. Fully hermetic sound-proof design provides excellent working environment result in noise level below 85db under the condition which measures it within one meter away from the machines. In addition, powerful granulators are available for customers' selection.



● 特点 Features

- 全封闭静音设计，机台周围1米范围外噪音在85db以下，同时避免了粉尘污染。
- 不锈钢储料箱清洗快速,方便,也可选配吸料口型不锈钢储料箱。
- 马达超载保护装置，紧急安全开关装置。
- 配有相序控制器，可防止因电机反转所造成的不良后果。
- 装有电源隔离开关，维修、操作更加方便、安全。
- 静音型粉碎机，可供集中粉碎和随机粉碎使用。
- 独特设计内部散热系统，在全封闭下，将电机所产生的热量排出机外，延长电机使用寿命。
- 活动不锈钢料斗、手柄开关等人性化设计，操作方便。

- Fully hermetic & silent design , the noise level is below 85db around 1 meter distance away from machines, also avoid dust contamination simultaneously .
- The material storage tank is made of stainless steel for easy cleaning, stainless steel suction spout is also available for option.
- Motor overload protection device, emergency safety switch device.
- To be equipped with electrical phase controller , avoid any damage from motor reverse .
- To install power isolator, easy maintenance & safety operation.
- This series can be used beside- the - press and collect all rejected parts to granulate together.
- Unique design with inside heat dispersion system, expel heat generated from electrical cabinet to prolong parts’ service life even under the fully hermetic machine.
- Movable stainless feeding hopper and handle switch with optimal design are operation conveniently.



● 规格表 Specification Sheet

产品型号 MODEL	TGQ-2321S-5HP	TGQ-4127S-10HP	TGQ-5232S-15HP	TGQ-6234S-20HP	TGQ-8148S-30HP
粉碎口径 Crushing Chamber (mm)	230 × 200	410 × 270	520 × 320	620 × 340	815 × 480
最大粉碎能力 Mix Crushing AbilityKG/HR	100	200	300	350	500
固定刀Fixed Cutters	2	2	2	4	4
旋转刀数量 Rotating Blades	6	12	15	18	24
马达功率 Motor Power (HP)	5(4kW)	10(7.5kW)	15(11kW)	20(15kW)	30(22kW)
外形尺寸 Imensions LxWxH(m)	1 × 0.72 × 1.49	1.18 × 0.93 × 1.7	1.3 × 1.06 × 1.96	1.36 × 1.16 × 2.13	1.85 × 1.54 × 2.68
重量 Weight(Kg)	500	800	1100	1350	2250

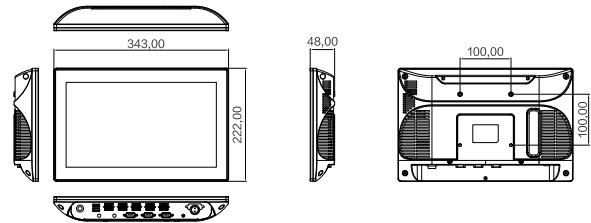
注：产品规格若有变更，恕不另行通知 We reserve right to change specifications without prior notice

TMPseries

标准版Standard Version



尺寸安装图Dimensions



型号 Model	TMP-2M-1	TMP-2M-2	TMP-2M-3	TMP-2M-4
一体机 Monitor Host	1	1	1	1
相机 Camera	1	2	3	4
相机线 Camera Line	1	2	3	4
镜头 Lens	1	2	3	4
光源 Light Source	1	2	3	4
光源线 Light Source Line	1	2	3	4
磁力座 Magnetic Base	2	4	6	8
I/O线 I/O Line	1	1	1	1
短接头 Short Sub	1	1	1	1
I/O盒 I/O Box	1	1	1	1
继电器&底座 Relay And Base	3	3	3	3
磁铁挂钩 Magnet Hook	6（可选配）(Optional)			
壁挂架 Wall hanger	1（可选配）(Optional)			
说明书 Instruction book	1	1	1	1

配件参考图Fittings Reference



监测模具成型状态

高像素

Monitoring mold forming state
High pixel

更广泛的用途

More Use

- 合模前进行模穴、模芯、产品残留确认；
- 滑块位置、顶针折断和复位位置确认；
- 镶件是否到位和遗漏检测；
- 产品是否完全脱模、产品是否缺料检测；
- 产品尺寸是否合格、产品毛边检测；
- 多穴产品是否缺失和残留检测；
- 多色产品混色是否正确检测；
- 安全门开关消除警报、安全门动作自动复检；
- 减少脱模剂使用，适用于脱模困难的产品；
- 减少顶针顶出次数，提升注塑成型周期。
- Detect mold cavity, core and plastic parts before mold closed;
- Detect slider, ejector in position or not;
- Insert place and omission detection;
- Detect parts ejection and filling;
- Inspect parts quality;
- Detect multi-cavities molding (full or short);
- Check whether the multi-color product mix color is correct;
- Safety door switch eliminates alarm, and safety door action automatically rechecks;
- Reduce the use of demolding agent, suitable for products with difficult demolding;
- Reduce the number of ejector pins, improve the injection molding cycle, and improve the production efficiency.

更智能的操作

More Intelligent

- 13.3寸触摸屏，显示直观，操作简便；
- 可独立调整ROI灵敏度，ROI数量不受限制；
- 支持任意形状的检测区域并可设置单独的灵敏度及检测面积；
- 可手动添加基准图，能有效避免误检测。
- 13.3" touch screen with intuitive display and easy operation;
- The ROI sensitivity can be independently adjusted and the amount of ROI is not limited;
- Support any shape of the detection area, separate sensitivity and detection area can be set for each detection area.
- The reference graph can be added manually to effectively avoid misjudgment.

更可靠的性能

More Reliable Performance

- 200万像素，具备处理反光和外部光线干扰的能力；
- 具有自动亮度矫正，能有效避免自然光线强弱变化导致的误报；
- 报警图片中保存参数配置、报警时IO输出状态，能快速锁定异常；
- 操作界面可设置独立的密码，避免无关人员误操作；
- 采用POE网口相机，连接更稳定；
- Two million pixels, ability to deal with reflective and external light interference;
- Automatic brightness correction function, it can avoid false alarm caused by brightness change under natural light condition;
- Save parameters such as parameter configuration and IO output state when alarming in the alarm picture;
- Independent user password can be set for operation interface to avoid misoperation by irrelevant personnel;
- Use the POE port camera for a more stable connection.

规格Specification

型号 Model		TMP-2M-1	TMP-2M-2	TMP-2M-3	TMP-2M-4
显示参数 Display parameter	显示尺寸 Display size	13.3寸 / 13.3 inch			
	分辨率 Resolution	1920×1080			
	背光灯 Back light	LED			
	高宽比 Depth-width ratio	16 : 9			
	亮度 Brightness	300cd/m ²			
触摸参数 Touch parameter	对比度 Contrast ratio	1200 : 1			
	触摸屏 Touch-screen	10点电容触摸 / 10 point Capacitive touch screen			
	透光度 Transmittance	80% ± 3%			
	操作力度 Operation force	≤50g			
	响应速度 Response speed	≤15ms			
配置参数 Configuration parameter	触摸寿命 lifetime of touch screen	500万次 / 5000,000 time			
	可支持系统 Support system	WIN7/WIN8/WIN10/Linux			
	CPU CPU	J6412			
	内存 Memory	DDR4 4G			
	硬盘 Hard disk	128G			
环境参数 Environmental parameter	WIFI WIFI	可选配(Optional)			
	输入电源 Power Supply	DC24V3A			
	整机功耗 Power consumption	20-60W			
	工作温度 Working Temperature	-10℃—50℃			
	工作湿度 Working Humidity	10%—90%无冷凝 / 10%—90% No condensation			
结构参数 Structure parameter	存储温度 Storage temperature	-20℃—70℃			
	存储湿度 Storage temperature	0—90%无冷凝 / 0—90% No condensation			
	外观尺寸 Dimension	343×222×48mm			
	材质 Material	铝合金、PE / Aluminium alloy			
	净重 Net weight	1.8kg			
接口 IO	VESA尺寸 VESA size	100×100mm			
	开孔尺寸 Hole size	/			
	显示 Display	EDP			
	供电 Power supply	M16航插6芯（RS422+DCIN） / M16 6 core cable			
	音频 Voice frequency	RealtekALC622			
	LAN LAN	5(4个POE)			
	USB USB	1*USB3.0 4*USB2.0			

配置表Configuration Table

型号 Model		TMP-2M-1	TMP-2M-2	TMP-2M-3	TMP-2M-4
相机分辨率 Camera Resolution	200万 2 Megapixel	●	●	●	●
	500万 5 Megapixel	○	○	○	○
镜头变焦参数 Lens Zoom parameter	7-36mm	●	●	●	●
	4-12mm	○	○	○	○
	6-12mm	○	○	○	○
	10-50mm	○	○	○	○
光源类型 Light Source	圆形红外光 Round Infrared Light	●	●	●	●
	条形红外光 Strip Infrared Light	○	○	○	○
	条形白光 Strip White Light	○	○	○	○

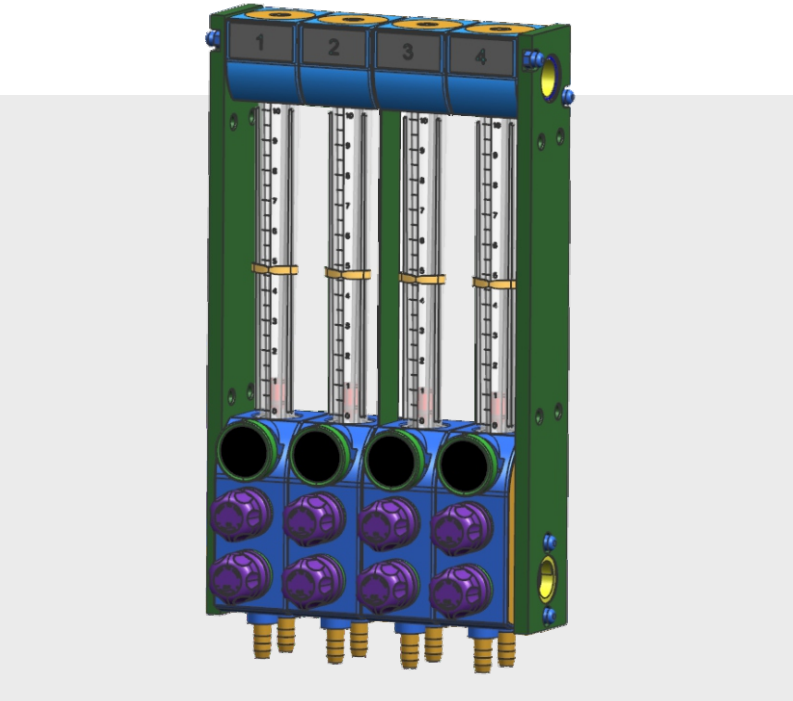
注：标配功能“●”、选配功能“○”和“—”表示无。 Note: Standard function “●”, optional function “○” and “—” indicates none.

TFR
水流分布器

TFR
Water Distributor

TFR系列的水流分布器设计为搭配水式模温机，冰水机或冷却水塔使用，可同时连接多个模具接口，具有温度显示，流量显示和流量控制功能,可满足不同工作状况需求。模块式组合，装卸方便，是现代塑胶工业提高效率的必备配件。

TFR series water distributor is designed to be used with water mold temperature machine, ice water machine or cooling tower. It can connect multiple mold interfaces at the same time. It has the functions of temperature display, flow display and flow control, which can meet the needs of different working conditions. Modular combination, easy loading and unloading, is a modern plastic industry to improve the efficiency of the necessary accessories

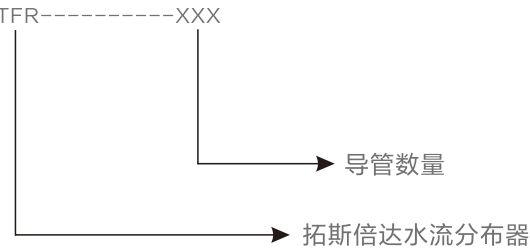


● 特点 Features

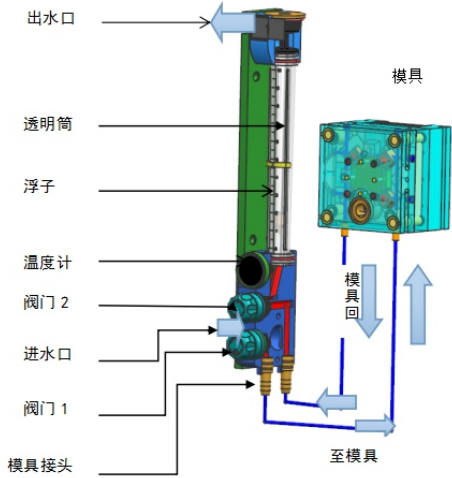
- 模块化设计，扩充性能高，可依客户需求做搭配。
- 优化的结构设计，更长的使用寿命。
- 可根据需求调节水流量，且具有流量显示功能，可在模具回路堵塞时即刻显示，避免不良品。
- 通过精准，可靠的模温控制，确保产品缩水的一致性。
- 机械化设计，无能量消耗。
- 装拆方便，维护清洁简单。
- 可视化流量显示，可直观调整所需的流量。
- 采用精密的调节阀，可更精准地调节水流量。

- Modular design, high expansion performance, can be matched according to customer needs. .
- Optimized structure design, longer service life.
- It can adjust the water flow according to the demand, and has the flow display function, which can be displayed immediately when the mold circuit is blocked, so as to avoid defective products.
- Through accurate and reliable mold temperature control, ensure the consistency of product shrinkage.
- Mechanical design, no energy consumption.
- Easy to assemble and disassemble, easy to maintain and clean.
- Visualized flow display, which can directly adjust the required flow.
- The precise regulating valve can regulate the water flow more precisely.

● 编码原则 Coding Principle



● 工作原理 Working Principle



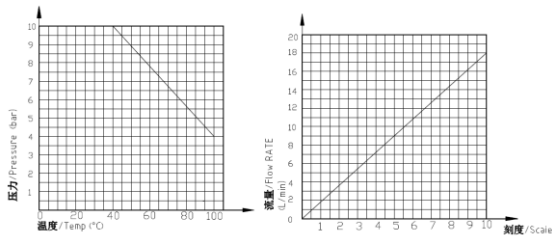
- 循环水经调节阀1进入模具。
- 当循环水在模具内循环后，经调节。
- 当循环水在模具内循环后，经调节阀2进入透明筒，可通过浮子刻度读出水流的大小。
- 温度计显示流经管道水的温度。
- 循环水再经出水口回到模温机，冰水机或冷却塔。

- The circulating water enters the mold through the regulating valve 1.
- When the circulating water circulates in the mold, it is regulated.
- When the circulating water circulates in the mold, it enters the transparent cylinder through the regulating valve 2, and the water flow can be read out through the float scale.
- The thermometer shows the temperature flowing through the pipe water.
- The circulating water returns to the mold temperature machine, ice water machine or cooling tower through the water outlet.

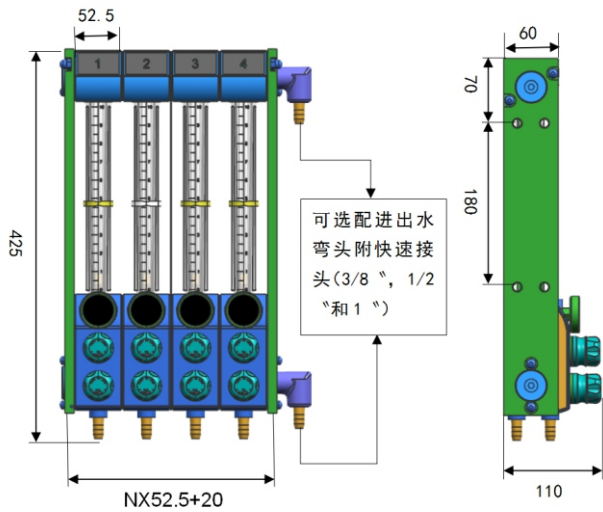
● 技术参数 Technical Parameter

- 最高温度100℃（210°F）最高压力10bar
- 流量范围（单管）18L/min
- 模具接头3/8快速管接头，进出水口接头3/4PT内牙

- The maximum temperature is 100 °C (210 °C) and the maximum pressure is 10bar
- Flow range (single tube) 18L / min
- Mold joint 3 / 8 quick pipe joint, inlet and outlet joint 3 / 4PT inner tooth



● 产品结构图 Product Structure Diagram



● 规格表 Specification Sheet

产品型号 MODEL	导管数量 (N)
TFR-200	2
TFR-400	4
TFR-600	6
TFR-800	8
TFR-1000	10
TFR-1200	12

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快速响应 Fast Response

快速响应客户的需求，收集客户的现场信息并记录故障，给出保养合理化建议；

Quickly respond to customer needs, collect customer site information and record the failure, give reasonable maintenance Suggestions;



快速到达 Fast Arrival

快速到达客户现场，进行设备维修；

Quickly arrive at customer site for equipment maintenance;



快速处理 Fast Processing

快速处理，帮助客户第一时间将设备调整到最佳状态；

Quickly processing to help customers adjust the equipment to the best state in the first time;



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COSMX 冠宇
珠海冠宇
珠海冠宇

JABIL
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蜂巢能源

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Greatwall
长城汽车

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比亚迪
比亚迪

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富士康

YUTO
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裕同科技

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DFD
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晶澳科技
晶澳科技

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