



MACHINE  
AUXILIARIES

# PENGQIANGZILI GROUP

Focus on one-stop service of injection molding  
machine auxiliary machine

DEDICATED ONE-STOP SERVICE FOR INJECTION MOLDING MACHINE AUXILIARIES

FOCUS ON AUXILIARY INJECTION MOLDING MACHINE ONE-STOP

THE GLORY OF AN URBAN LEGEND  
FOCUS ON ONE-STOP SERVICE OF INJECTION MOLDING MACHINE AUXILIARY MACHINE



INDUSTRIAL REFRIGERATION  
EQUIPMENT MANUFACTURER

MANUFACTURERS OF AUXILIARY EQUIPMENT FOR INDUSTRIAL REFRIGERATION



PENGQIANGZILI MECHANICAL EQUIPMENT  
(GUANGDONG) CO., LTD

Add: Opposite the south China headquarters of Chenguang Stationery, X  
inwei villagers group factory, Shanpo village, Lilin town, Huicheng District

THE GLORY OF AN URBAN LEGEND

ALWAYS TAKE "INGENUITY INDUSTRY" AS THE PURPOSE; FOCUS  
ON "QUALITY, EFFICIENCY AND ATTITUDE"

SERVICE YEARS



## COMPANY PROFILE

THE GLORY OF AN URBAN LEGEND

THE PERIPHERAL EQUIPMENT OF PLASTIC MACHINE, COOLING AND VENTILATION EQUIPMENT, PLASTIC CRUSHER, MOLD THERMOSTAT, INDUSTRIAL CHILLER, COLOR MIXER SUCTION MACHINE, HOPPER DRYER, VENTILATION AND COOLING COOLING EQUIPMENT, ENVIRONMENTAL COOLING FAN, NEGATIVE PRESSURE FAN, COOLING TOWER, INDUSTRIAL DEHYDRATOR, PIPE PUMP, BOX DRYER AND AXIAL FLOW FAN PRODUCED BY PENGQIANGZILI MECHANICAL EQUIPMENT CO., LTD. SELL WELL IN THE CONSUMER MARKET AND ENJOY A HIGH POSITION AMONG CONSUMERS, THE COMPANY HAS ESTABLISHED LONG-TERM AND STABLE COOPERATIVE RELATIONS WITH A NUMBER OF RETAILERS AND AGENTS.

THE PLASTIC MACHINE PERIPHERAL EQUIPMENT, COOLING AND VENTILATION EQUIPMENT, PLASTIC CRUSHER, MOLD THERMOSTAT, INDUSTRIAL CHILLER, COLOR MIXER, SUCTION MACHINE, HOPPER DRYER, VENTILATION AND COOLING EQUIPMENT, ENVIRONMENTAL COOLING FAN, NEGATIVE PRESSURE FAN, COOLING TOWER, INDUSTRIAL DEHYDRATOR, PIPELINE PUMP, BOX DRYER AND AXIAL FLOW FAN PRODUCED BY PENGQIANGZILI MACHINERY ARE COMPLETE IN VARIETY AND REASONABLE IN PRICE. PENGQIANGZILI MECHANICAL EQUIPMENT CO., LTD. VALUES CREDIT, ABIDES BY CONTRACTS, ENSURES PRODUCT QUALITY, CREATES A PREFERENTIAL PLASTIC MACHINERY WHOLESALE MARKET, AND HAS WON THE TRUST OF OUR CUSTOMERS WITH THE PRINCIPLE OF MULTI VARIETY MANAGEMENT CHARACTERISTICS AND SMALL PROFITS BUT QUICK TURNOVER THE PERIPHERAL EQUIPMENT OF PLASTIC MACHINE, COOLING AND VENTILATION EQUIPMENT, PLASTIC CRUSHER, MOLD THERMOSTAT, INDUSTRIAL CHILLER, COLOR MIXER SUCTION MACHINE, HOPPER DRYER, VENTILATION AND COOLING COOLING EQUIPMENT, ENVIRONMENTAL COOLING FAN, NEGATIVE PRESSURE FAN, COOLING TOWER, INDUSTRIAL DEHYDRATOR, PIPE PUMP, BOX DRYER AND AXIAL FLOW FAN PRODUCED BY PENGQIANGZILI MECHANICAL EQUIPMENT CO., LTD. SELL WELL IN THE CONSUMER MARKET AND ENJOY A HIGH POSITION AMONG CONSUMERS, THE COMPANY HAS ESTABLISHED LONG-TERM AND STABLE COOPERATIVE RELATIONS WITH A NUMBER OF RETAILERS AND AGENTS.

### INDUSTRIAL CHILLER PRODUCTION EQUIPMENT



### MOLD TEMPERATURE MACHINE PRODUCTION EQUIPMENT

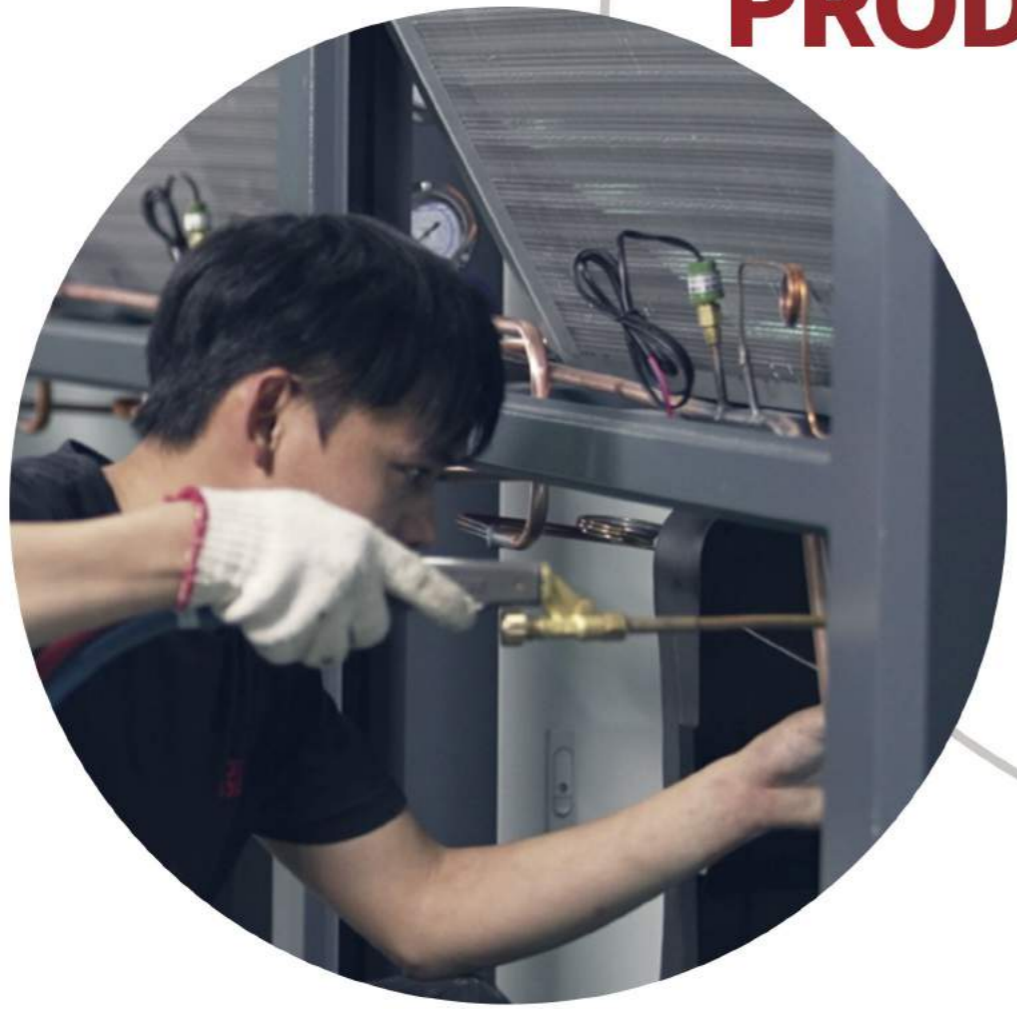
### CRUSHER AUXILIARY PRODUCTION EQUIPMENT





# CHINA PENGQIANG PRODUCTION WORKSHOP

RIGOROUS DESIGNS, STRICT PROCESS CONTROL, MAKE CUSTOMERS  
SATISFIED PRODUCTS. CONTINUOUSLY PURSUIT OF "ZERO DEFECT" TO  
CREATE "PERFECT QUALITY"



RIGOROUS QUALITY CONTROL SYSTEM





## REFRIGERATION SERIES

IN ORDER TO BETTER SERVE CUSTOMERS IN VARIOUS INDUSTRIES, PENGQIANG GROUP HAS DEVELOPED REFRIGERATION UNITS FOR DIFFERENT INDUSTRIES, SUCH AS HIGH AND LOW TEMPERATURE LIQUID INTELLIGENT TEMPERATURE CONTROL EQUIPMENT FOR AUTOMOBILE TESTING INDUSTRY, HIGH AND LOW TEMPERATURE LIQUID INTELLIGENT TEMPERATURE CONTROL EQUIPMENT FOR CHEMICAL AND PHARMACEUTICAL INDUSTRY, EVAPORATIVE COOLING SCREW CHILLER, FULL LIQUID SCREW CHILLER, CASCADE LOW TEMPERATURE TSCREW CHILLER, DOUBLE EFFECT HEAT PUMP UNIT FOR ENVIRONMENTAL WASTEWATER TREATMENT, OIL AND GAS CONDENSATION RECOVERY UNIT FOR PETROCHEMICAL INDUSTRY OIL AND GAS TERTIARY RECOVERY CONDENSING UNIT, EXPLOSION-PROOF FUEL OIL REFRIGERATING UNIT, ETC. IN GAS STATION. THE MAIN PRODUCTS ARE: AIR - COOLED INDUSTRIAL CHILLER, WATER - COOLED INDUSTRIAL CHILLER, AIR - COOLED INDUSTRIAL CHILLER AIR COOLED INDUSTRIAL OIL COOLER, AIR-COOLED SCREW CHILLER, WATER-COOLED SCREW CHILLER, WATER-COOLED SCREW LOW-TEMPERATURE CHILLER, EVAPORATIVE SCREW CHILLER, ETC.





AIR/WATER COOLED INDUSTRIAL CHILLER

### ◆ Functional Features

ZIC-A INDUSTRIAL CHILLER ADOPTS SINGLE-STAGE STEAM COMPRESSION CIRCUIT AND HAS COMPRESSOR OVERLOAD PROTECTION PUMPPU OVERLOAD PROTECTION, REVERSE PHASE MISSING PHASE WARNING, ANTI ICING PROTECTION, HIGH AND LOW PRESSURE PROTECTION AND OTHER DEVICES ENSURE STABLE PERFORMANCE AND LONG SERVICE LIFE. IT CAN BE COOLED QUICKLY AND STABLY TO MEET CUSTOMER REQUIREMENTS. THIS SERIES OF PRODUCTS MAINLY APPLY THE PRINCIPLE OF COLD AND HEAT EXCHANGE. IT IS APPLICABLE TO THE COOLING FIELD IN MODERN INDUSTRY AND IS NOT AFFECTED BY AMBIENT TEMPERATURE. IT IS AN INDISPENSABLE CONFIGURATION EQUIPMENT. ZIC-A INDUSTRIAL CHILLER ADOPTS SINGLE-STAGE STEAM COMPRESSION CIRCUIT AND HAS COMPRESSOR OVERLOAD PROTECTION PUMPPU OVERLOAD PROTECTION, REVERSE PHASE MISSING PHASE WARNING, ANTI ICING PROTECTION, HIGH AND LOW PRESSURE PROTECTION AND OTHER DEVICES ENSURE STABLE PERFORMANCE AND LONG SERVICE LIFE. IT CAN BE COOLED QUICKLY AND STABLY TO MEET CUSTOMER REQUIREMENTS. THIS SERIES OF PRODUCTS MAINLY APPLY THE PRINCIPLE OF COLD AND HEAT EXCHANGE. IT IS APPLICABLE TO THE COOLING FIELD IN MODERN INDUSTRY AND IS NOT AFFECTED BY AMBIENT TEMPERATURE. IT IS AN INDISPENSABLE CONFIGURATION EQUIPMENT.

### ◆ Technical Parameter

PARAMETER TABLE OF WATER COOLED CHILLER												
parameter	model	5HP	6HP	8HP	10HP	12HP	15HP	20HP	25HP	30HP	40HP	
REFRIGERATING CAPACITY	KW/HR	50HZ	15	18	24	30	36	36	60	75	90	
	KCAL	50HZ	8251	13690	16503	21370	27370	32994	43120	57748	70120	
temperature range		5C-Room temperature (Below 0°C can be customized)										
POWER SUPPLY		3N-380V 50HZ										
VCC	KW	2.62	4.12	5.25	6.75	8.25	10.5	12.75	17.25	22.5		
control mode		CAPILLARY							EXPANSION VALVE			
COMPRESSOR	TYPE	Hermetic scroll type or piston										
	quantity	1	1	1	2	2	2	2	2	2		
	brand	PANASONIC							GRAIN WHEEL			
	power KW	2.20	3.75	4.50	6.00	7.50	9.00	11.25	15.00	18.75		
Use refrigerant		R22										
CONDENSER	FORM	STRAIGHT PIPE TYPE										
EVAPO RATOR	Water volumeM3/H	1.65	2.75	3.30	4.27	5.47	6.59	8.62	11.55	14.03		
	Water dissolvedM3	0.05	0.06	0.06	0.15	0.15	0.150	0.285	0.300	0.380		
	Water tank capacity (L)	60	70	120	140	140	230	300	300	350		
CIRCULATING PUMP	Inlet and outlet caliber	DN25	DN25	DN40	DN50	DN50	DN50	DN65	DN65	DN80		
	power KW	0.37	0.37	1.1	1.5	1.5	1.5	2.2	2.2	4		
	flow (L/MIN)	100	100	150	200	200	340	340	500	800		
MECHANICAL DIMENSIONS	lift M	18	18	18	18	18	18	18	18	18		
	L/CM	87	87	130	130	130	152	183	183	200		
	W/CM	55	55	60	68	68	75	75	75	86		
	H/CM	100	100	136	141	141	141	163	163	161		

PARAMETER TABLE OF AIR-COOLED CHILLER													
parameter	model	1HP	2HP	3HP	5HP	6HP	8HP	10HP	15HP	20HP	25HP	30HP	
REFRIGERATING CAPACITY	KW/HR	50HZ	2.8	5.6	8.4	14	16.8	22.4	28	42	56	70	84
	KCAL	50HZ	2528	4872	7216	11990	18748	24089	29059	37965	50805	61683	76000
Temperature range		5C-Room temperature (Below 0°C can be customized)											
Power Supply		1N-220V 50Hz					5N-380V 50Hz						
Total power	KW	1.27	2.02	2.89	4.50	7.25	9.90	11.34	13.85	18.95	22.75	28.30	
control mode		capillary								Expansion valve			
COMPRESSOR	type	Hermetic scroll type or piston											
	quantity	1	1	1	1	2	2	2	3	2	2	3	
	brand	Panasonic			Grain wheel		Panasonic				Grainwheel		
	power (KW)	0.75	1.50	2.25	3.75	6.00	7.50	9.00	11.25	15.00	18.75	22.00	
Use refrigerant		R22											
FAN	Air volume (M3/H)	1000	2750	5500	7000	10100	13000	13000	15000	21600	32400	51000	
	Fan size (MM)	350	350	350	400	400	450	500	550	630	630	630	
	quantity	1	1	2	2	2	2	2	2	2	2	3	
	Fan power (KW)	0.14	0.14	0.27	0.38	0.5	0.84	0.84	1.1	1.7	2	2.55	
CONDENSER	form	High efficiency copper tube corrugated aluminum fin											
EVAPO RATOR	Watervolume (M3/H)	0.51	0.97	1.44	2.40	3.75	4.82	5.81	7.65	10.16	12.34	15.20	
	Water solubility (M3)	0.028	0.040	0.050	0.065	0.065	0.180	0.180	0.180	0.280	0.320	0.320	
	Water tank capacity (L)	40	40	60	60	70	120	140	230	300	300	450	
	Inlet and outlet diameter	DN20	DN20	DN25	DN25	DN25	DN40	DN50	DN50	DN65	DN65	DN80	
CIRCULATING PUMP	power (KW)	0.37	0.37	0.37	0.37	0.37	1.1	1.5	1.5	2.2	2.2	2.2	
	flow (L/MIN)	40	40	100	100	100	150	200	340	500	500	800	
	lift (M)	18	18	18	18	18	18	18	18	18	18	18	
	Brand of water pump	Austrian source											
MECHANICAL DIMENSIONS	L/CM	85	85	115	130	130	140	150	175	187	242	242	
	W/CM	52	52	60	65	65	70	75	86	110	95	95	
	H/CM	80	80	110	130	131	100	150	161	179	196	196	



## LASER COOLING WATER CHILLER

### ◆ Functional Features

LASER WATER CHILLER IS AN INDIVIDUAL APPLICATION OF INDUSTRIAL CHILLER TO THE LASER INDUSTRY. THE LASER WATER CHILLER IS MAINLY USED TO COOL THE LASER GENERATOR OF LASER EQUIPMENT BY WATER CIRCULATION, AND CONTROL THE SERVICE TEMPERATURE OF THE LASER GENERATOR, SO THAT THE LASER GENERATOR CAN WORK NORMALLY FOR A LONG TIME. DURING THE LONG-TERM OPERATION OF THE LASER EQUIPMENT, THE LASER GENERATOR WILL CONTINUOUSLY PRODUCE HIGH TEMPERATURE, AND THE NORMAL OPERATION OF THE LASER GENERATOR WILL BE AFFECTED IF THE TEMPERATURE IS TOO HIGH. THEREFORE, THE LASER WATER COOLER IS REQUIRED FOR WATER CIRCULATION COOLING AND TEMPERATURE CONTROL

### ◆ Technical Parameter

LASER CHILLER PARAMETERS								
PARAMETER MODEL		0.6HP	0.8HP	1HP	1.2HP	1.5HP	2HP	
Refrigerati ngcapacity	KW/HR	50HZ	1.5	1.6	2.4	2.9	4	5.4
	KCAL	50HZ	1307	1438	2107	2494	3440	4712
temperature range		5-35 °C within the allowable range, it is recommended to set the temperature difference as 3c-5 °C						
Power Supply		220V/50HR						
Total power	W		745	1145	1210	1345	1743	2213
Throttling mode		capillary						
compr essor	type	Hermetic scroll type or piston						
	quantity	1						
	brand	gree						
	power (W)		605	685	750	885	1230	1700
Use refrigerant		R22						
Fan power	W		55	90	90	90	143	143
Water pump	lift	M	7-10	24-30	24-30	24-30	24-30	24-30
	power	W	85	370	370	370	370	370
	Rated flow	L/MIN	15	33	33	33	33	33
Machine dimensi ons	L/CM		470	413	413	500	500	550
	W/CM		380	400	400	470	470	505
	H/CM		589	871	871	905	905	972

### ◆ General Issues

FAULT PHENOMENON	CAUSE OF FAILURE	PROCESSING METHOD
POWER ON FAILURE	POOR WIRE CONTACT	CHECK WHETHER THE POWER INTERFACE AND POWER CORD PLUG ARE CONNECTED IN PLACE AND IN GOOD CONTACT
	FUSE BLOWN	PULL OUT THE FUSE BOX IN THE POWER CONNECTOR ON THE MACHINE
FLOW ALARM (THE RED LIGHT ON THE PANEL IS ON), WATER PIPE IS DIRECTLY CONNECTED TO THE WATER OUTLET, AND THERE IS NO WATER FLOW AT THE WATER INLET	WATER LEVEL OF WATER'S STORAGE TANK IS TOO LOW	CHECK THE WATER LEVEL INDICATOR DISPLAY WINDOW AND ADD WATER TO THE GREEN AREA OF THE WATER LEVEL DISPLAY
CONNECT THE FLOW ALARM WHEN THE EQUIPMENT IS IN USE, BUT CONNECT THE WATER OUTLET DIRECTLY WITH A WATER PIPE	THE WATER CIRCULATION PIPELINE IS BLOCKED OR BENDING DEFORMATION OF WATER PIPE	CHECK WATER CIRCULATION PIPELINE
OVER HIGH WATER TEMPERATURE ALARM	DUST SCREEN BLOCKED, POOR HEAT DISSIPATION	REMOVE THE DUST SCREEN REGULARLY FOR CLEANING
	POOR VENTILATION AT AIR OUTLET OR AIR INLET	ENSURE SMOOTH VENTILATION OF AIR OUTLET AND AIR INLET
	THE VOLTAGE IS SERIOUSLY LOW OR UNSTABLE	IMPROVE POWER SUPPLY LINES OR USE VOLTAGE REGULATORS
	INCORRECT TEMPERATURE CONTROLLER PARAMETER SETTING	RESET CONTROL PARAMETERS OR RESTORE FACTORY SETTINGS
	FREQUENT STARTUP AND SHUTDOWN OF COOLER	ENSURE THAT THE CHILLER HAS ENOUGH COOLING TIME (MORE THAN FIVE MINUTES)
	EXCESSIVE HEAT LOAD	REDUCE THE HEAT LOAD, OR SELECT A MODEL WITH GREATER COOLING CAPACITY
ROOM TEMPERATURE ULTRA HIGH ALARM	THE OPERATING AMBIENT TEMPERATURE OF THE CHILLER IS TOO HIGH	IMPROVE VENTILATION TO ENSURE THAT THE OPERATING ENVIRONMENT OF THE CHILLER IS BELOW 40 °C
SERIOUS CONDENSATION OF CONDENSATE	THE WATER TEMPERATURE IS MUCH LOWER THAN THE AMBIENT TEMPERATURE AND THE HUMIDITY IS HIGH	RAISE THE WATER TEMPERATURE OR KEEP THE PIPELINE WARM
SLOW DRAINAGE AT DRAIN OUT LET DURING WATER CHANGE	WATER INJECTION NOZZLE IS NOT OPENED	OPEN THE WATER INJECTION NOZZLE



SCREW CHILLER

## ◆ 功能特点 Functional Features

SCREW CHILLER IS NAMED AS SCREW CHILLER BECAUSE ITS KEY COMPONENT COMPRESSOR IS SCREW CHILLER. THE STATE OF THE UNIT FROM THE EVAPORATOR IS GAS REFRIGERANT; AFTER ADI-ABATIC COMPRESSION BY THE COMPRESSOR, IT BECOMES A HIGH TEMPERATURE AND HIGH PRESSURE STATE. THE COMPRESSED GAS REFRIGERANT IS COOLED AND CONDENSED AT CONSTANT PRESSURE IN THE CONDENSER. AFTER CONDENSATION, IT CHANGES INTO LIQUID REFRIGERANT, AND THEN EXPANDS TO LOW PRESSURE THROUGH THE THROTTLE VALVE TO BECOME A GAS-LIQUID MIXTURE. THE LIQUID REFRIGERANT UNDER LOW TEMPERATURE AND LOW PRESSURE ABSORBS THE HEAT OF THE COOLED MATERIAL IN THE EVAPORATOR AND BECOMES A GASEOUS REFRIGERANT AGAIN. THE GASEOUS REFRIGERANT ENTERS THE COMPRESSOR AGAIN THROUGH THE PIPELINE TO START A NEW CYCLE. THESE ARE THE FOUR PROCESSES OF REFRIGERATION CYCLE AND THE MAIN WORKING PRINCIPLE OF SCREW CHILLER

## ◆ 规格 Technical Parameter

Parameters	Model	PQ-40	PQ-50	PQ-60	PQ-80	PQ-100	PQ-120	PQ-150	PQ-160
(2/50°C)Cooling capacity	X1000kcal	113.2	137.6	189.2	240.8	283.8	344	421.4	438.6
	KW/hr	140	160	220	280	330	400	490	510
Temperature range	5 °C -25 °C (customized below 0 °C)								
Power Supply	3N-380V/415 50HZ/60HZ								
Rated current	A	93.9	116.0	153.9	191.5	218.1	277.7	320.1	344.1
Total power	KW	41.5	62.7	83.2	103.5	117.9	150.1	173	180.6
compressor	form	Semi enclosed screw type							
	KW	25X2	27.5X2	36.5X2	46X2	52X2	66.5X2	75X2	79X2
Energy regulation	0-25%-50%-75%-100%								
condenser	form	High efficiency copper tube sleeve corrugated aluminum fin							
Fan	m <sup>3</sup> /h	40000	60000	80000	100000	120000	150000	170000	180000
	quantity	600X4	600X6	600X8	630X8	600X12	630X12	630X15	630X15
	KW	3.2	4.7	6.2	6.4	9.4	9.6	12.0	12.0
evaporator	form	Shell and tube type							
	m <sup>3</sup> /h	24	25.8	37.8	48.2	56.8	68.8	84.3	87.7
pipe diameter G		G2	G2.5"	G3"	G3"	G4"	G4"	G4"	G4"
Circulating pump	KW	2.0	3.0	4.0	5.5	5.5	7.5	11.0	11.0
Protector	Phase sequence, high and low voltage, overload, antifreeze, flow, startup delay, exhaust temperature motor winding resistance overheat protection								
Machine dimensions	A/mm	2300	2500	3350	3350	4760	4760	4300	4300
	B/mm	1500	1600	1700	1700	1700	1700	2200	2200
	C/mm	1910	1980	2050	2050	2100	2100	2200	2200
Unit weight	KG	1120	1760	2400	2750	3300	3500	3850	4100
Operating weight	KG	1350	2100	2850	3300	3750	4000	4400	4650

Parameters	Model	PQ-180	PQ-200	PQ-240	PQ-280	PQ-300
(2/50°C)Cooling capacity	X1000kcal	541.8	584.8	679.4	774	860
	KW/hr	630	680	790	900	1000
Temperature range	5 °C-25 °C (below 0°C can be customized)					
Power Supply	3N-380V/415 50HZ/60HZ					
Rated current	A	398.5	444.2	507.3	581.3	633.6
Total power	KW	215.4	240.1	274.2	314.2	342.5
compressor	form	Semi enclosed screw type				
	KW	95X2	105X2	120X2	140X2	150X2
Energy regulation	0-25%-50%-75%-100%					
condenser	form	High efficiency copper tube sleeve corrugated aluminum fin				
Fan	m <sup>3</sup> /h	220000	240000	280000	320000	340000
	quantity	630X18	600X24	630X24	800X16	800X20
	KW	14.4	18.72	19.2	19.2	24.0
evaporator	form	Shell and tube type				
	m <sup>3</sup> /h	108.4	117	135.9	155	172
pipe diameter G		G4"	G4"	G5"	G5"	G5"
Circulating pump	KW	11.0	11.0	15.0	15.0	18.5
Protector	Phase sequence, high and low voltage, overload, antifreeze, flow, startup delay, exhaust temperature motor winding resistance overheat protection					
Machine dimensions	A/mm	4950	6200	6550	8680	10800
	B/mm	2200	2200	2200	2200	2200
	C/mm	2300	2300	2300	2400	2400
Unit weight	KG	4350	4800	5200	6700	7200
Operating weight	KG	4800	5500	6000	7700	8200





**PENGQIANG**

## REFRIGERATION SERIES

IN ORDER TO BETTER SERVE USERS IN VARIOUS INDUSTRIES, PENGQIANG ENGINEERS HAVE DEVELOPED SPECIAL HEATING AND TEMPERATURE CONTROL EQUIPMENT FOR DIFFERENT INDUSTRIES, SUCH AS SPECIAL MOLD TEMPERATURE MACHINE FOR RUBBER (PLASTIC) MACHINERY DIE WARMING MACHINE FOR CABLE EXTRUSION AND SPECIAL DIE WARMING MACHINE FOR POST PRESS LAMINATION SPECIAL MOLD TEMPERATURE CONTROLLER FOR MAGNESIUM / ALUMINUM ALLOY DIE CASTING, SPECIAL TEMPERATURE CONTROL SYSTEM FOR ROLLER, RHCM HIGH GLOSS TRACELESS INJECTION MOLDING SYSTEM, ELECTROPLATING BATH TEMPERATURE CONTROLLER LAMINATED PLATE OIL HEATER, 4000 °C ULTRA HIGH TEMPERATURE HEAT TRANSFER OIL FURNACE EX EXPLOSION PROOF ELECTRIC HEATING HEAT CONDUCTING OIL FURNACE GAS / OIL HEAT TRANSFER OIL FURNACE, CHEMICAL / PHARMACEUTICAL REACTION KETTLE TEMPERATURE CONTROL TCU, SEMICONDUCTOR HIGH-PRECISION TEMPERATURE CONTROLLER, SPECIAL MACHINE FOR HIGH AND LOW TEMPERATURE DETECTION, ETC.



## WATER/OIL MOULD THERMOSTAT

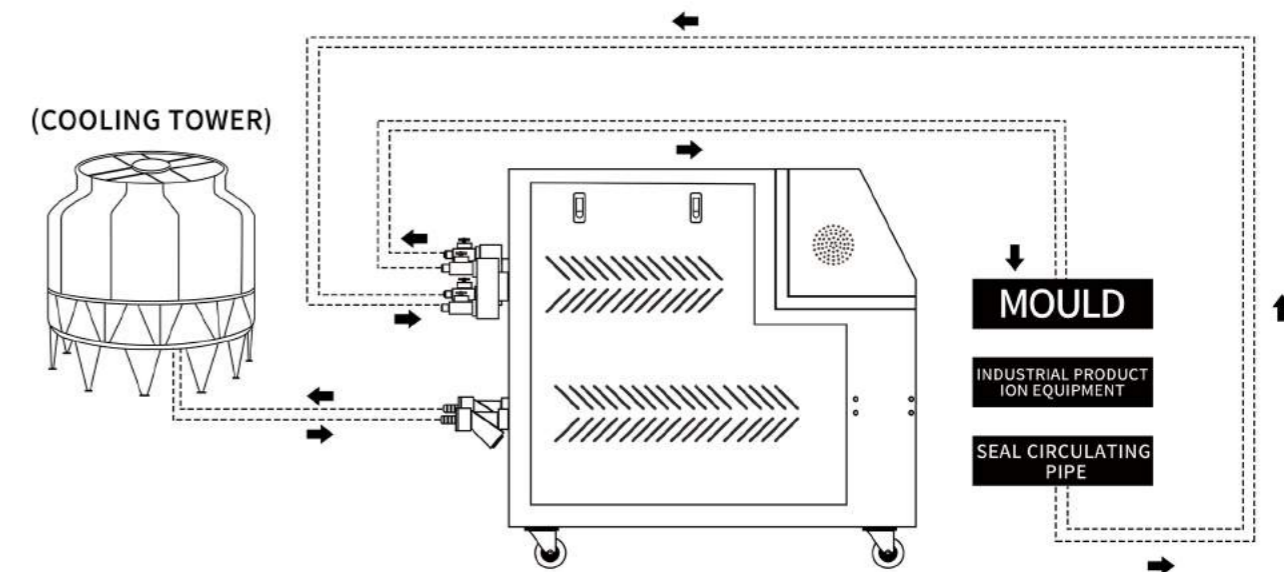
### ◆ Functional Features

THE MOLD TEMPERATURE MACHINE IS COMPOSED OF WATER TANK, HEATING AND COOLING SYSTEM, POWER TRANSMISSION SYSTEM, LIQUID LEVEL CONTROL SYSTEM, TEMPERATURE SENSOR, INJECTION PORT AND OTHER DEVICES. GENERALLY, THE PUMP IN THE POWER TRANSMISSION SYSTEM MAKES THE HOT FLUID REACH THE MOLD FROM THE WATER TANK EQUIPPED WITH BUILT-IN HEATER AND COOLER, AND THEN RETURN TO THE WATER TANK FROM THE MOLD; THE TEMPERATURE SENSOR MEASURES THE TEMPERATURE OF THE HOT FLUID AND TRANSMITS THE DATA TO THE CONTROLLER OF THE CONTROL PART; THE CONTROLLER ADJUSTS THE TEMPERATURE OF THE HOT FLUID, THEREBY INDIRECTLY ADJUSTING THE TEMPERATURE OF THE DIE. IF THE MOLD TEMPERATURE EXCEEDS THE SET VALUE OF THE CONTROLLER DURING THE PRODUCTION OF THE MOLD TEMPERATURE MACHINE, THE CONTROLLER WILL OPEN THE SOLENOID VALVE AND CONNECT THE WATER INLET PIPE UNTIL THE TEMPERATURE OF THE HOT FLUID, THAT IS, THE MOLD TEMPERATURE RETURNS TO THE SET VALUE. IF THE MOLD TEMPERATURE IS LOWER THAN THE SET VALUE, THE CONTROLLER WILL TURN ON THE HEATER

### ◆ Technical Parameter

model	QD-6kw	QD-9kw	QD-12kw	QD-6kw	QD-9kw	QD-12kw
Heat transfer medium	water			Heat transfer oil		
maximum temperature	120°C			180°C		
Heating power (KW)	6	9	12	6	9	12
pump power (KW)	0.37	0.37	0.75	0.37	0.37	0.75
Maximum pump flow (L/min)	40L/min	40L/min	75L/min	35L/min	35L/min	50L/min
Pump head (M)	22	22	25	28	28	30
Die access diameter	3/8 " × 4pc s	3/8 " × 8pc s	3/8 " × 8pc s	3/8 " × 4pc s	3/8 " × 8pc s	3/8 " × 8pc s
Overall dimension (H×W×D cm)	67×31×61	67×31×61	67×31×61	67×31×61	67×31×61	67×31×61
Net weight (kg)	About50	About54	About58	About48	About50	About60
Number of interfaces	Two in two out	Four in and four out	Four in and four out	Two in two out	Four in and four out	Four in and four out

### ◆ Nozzle diagram





WATER / OIL  
MOULD THERMOSTAT

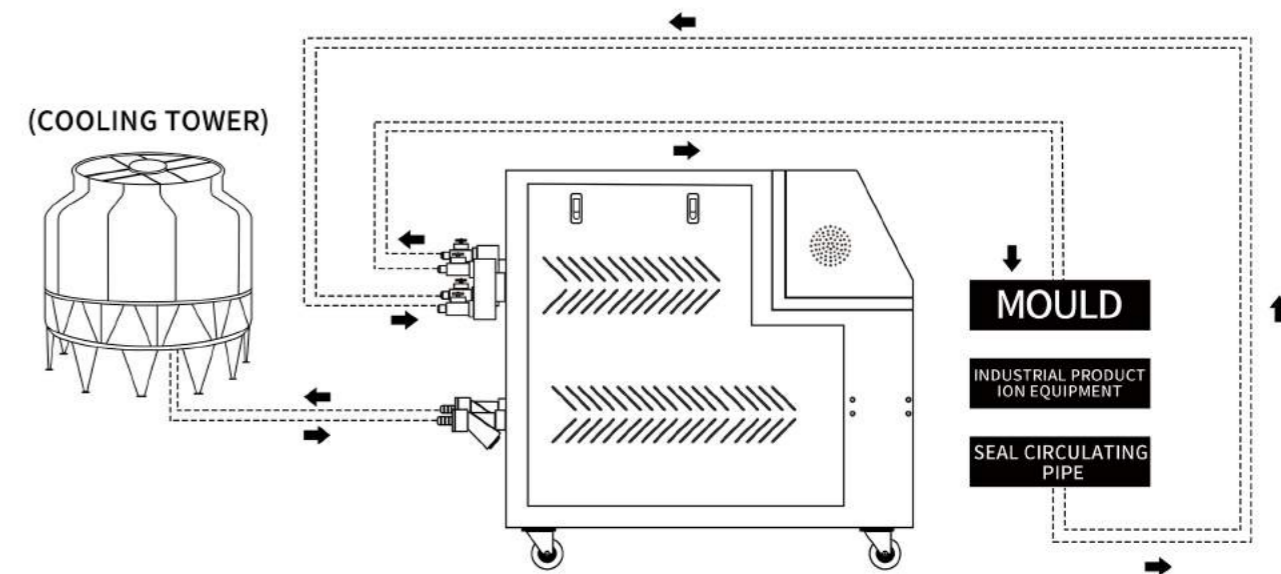
## ◆ Technical Parameter

Model	Heat transfer medium	maximum temperature	Heating power (KW)	pump power (KW)	Maximum pump flow (L/min)	Pump head (M)	Die access diameter	Overall dimension (H×W×D cm)
PQ-ZL-6kw	water	120°C	6×2	0.37×2	40L×2/min	22	3/8" × 8pcs	90×40×98
PQ-ZL-9kw			9×2	0.37×2	40L×2/min	22	3/8" × 16pcs	90×40×98
PQ-ZL-12kw			12×2	0.75×2	75L×2/min	25	3/8" × 16pcs	90×40×98
PQ-ZL-6kw	Heat transfer oil	160°C	6×2	0.37×2	35L×2/min	28	3/8" × 8pcs	90×40×98
PQ-ZL-9kw			9×2	0.37×2	35L×2/min	28	3/8" × 16pcs	90×40×98
PQ-ZL-12kw			12×2	0.75×2	50L×2/min	30	3/8" × 16pcs	90×40×98

## ◆ Functional Features

THE MOLD TEMPERATURE MACHINE IS COMPOSED OF WATER TANK, HEATING AND COOLING SYSTEM, POWER TRANSMISSION SYSTEM, LIQUID LEVEL CONTROL SYSTEM, TEMPERATURE SENSOR, INJECTION PORT AND OTHER DEVICES. GENERALLY, THE PUMP IN THE POWER TRANSMISSION SYSTEM MAKES THE HOT FLUID REACH THE MOLD FROM THE WATER TANK EQUIPPED WITH BUILT-IN HEATER AND COOLER, AND THEN RETURN TO THE WATER TANK FROM THE MOLD; THE TEMPERATURE SENSOR MEASURES THE TEMPERATURE OF THE HOT FLUID AND TRANSMITS THE DATA TO THE CONTROLLER OF THE CONTROL PART; THE CONTROLLER ADJUSTS THE TEMPERATURE OF THE HOT FLUID, THEREBY INDIRECTLY ADJUSTING THE TEMPERATURE OF THE DIE. IF THE MOLD TEMPERATURE EXCEEDS THE SET VALUE OF THE CONTROLLER DURING THE PRODUCTION OF THE MOLD TEMPERATURE MACHINE, THE CONTROLLER WILL OPEN THE SOLENOID VALVE AND CONNECT THE WATER INLET PIPE UNTIL THE TEMPERATURE OF THE HOT FLUID, THAT IS, THE MOLD TEMPERATURE RETURNS TO THE SET VALUE. IF THE MOLD TEMPERATURE IS LOWER THAN THE SET VALUE, THE CONTROLLER WILL TURN ON THE HEATER

## ◆ Nozzle diagram





## PULVERIZER AUXILIARY

PENGQIANG SPECIALIZES IN MANUFACTURING A VARIETY OF CRUSHERS, CRUSHER EQUIPMENT, MORE THAN 100 TYPES OF MACHINES. THE USE OF CRUSHERS AND CRUSHERS IS DIVERSE AND CAN BE CONNECTED TO VARIOUS ADVANTAGEOUS PRODUCTION LINES. IN ADDITION, PENGQIANG ALSO SUPPLIES CONVEYING AND STORAGE EQUIPMENT, DRYING AND MIXING EQUIPMENT, SPECIAL MACHINES, AUXILIARY EQUIPMENT, ENVIRONMENTAL PROTECTION RECYCLING EQUIPMENT AND CENTRAL FEEDING SYSTEM. PENGQIANG INTERNATIONAL, BASED ON CUSTOMER DEMAND ORIENTATION, ATTACHES GREAT IMPORTANCE TO THE EXPERIENCE AND EXPERIENCE RESOURCES OF CUSTOMERS FROM MORE THAN 50 COUNTRIES AROUND THE WORLD. FROM A MECHANICAL PARTS SUPPLIER MAINLY ENGAGED IN RUBBER AND PLASTIC INDUSTRIES IN THE EARLY STAGE TO TODAY'S TECHNICAL FIELD SPANNING MANY INDUSTRIES (FOOD MARKET AND ENVIRONMENTAL PROTECTION MARKET), OUR CUSTOMIZED COMMODITIES AND PERSONALIZED SERVICE MODE OF "SPECIALLY ASSIGNED PERSON" HAVE BEEN HIGHLY RECOGNIZED BY CUSTOMERS ALL OVER THE WORLD. THE EXPANDING INTERNATIONAL SERVICE SCOPE AND TECHNICAL EXCHANGE YEAR BY YEAR HAVE LED US TO KEEP PACE WITH THE EXCELLENT TECHNICAL FIELD. WE HOPE THAT PENGQIANG WILL UPGRADE AND GROW, BRING YOU HIGHER VALUE PRODUCTION CAPACITY AND SERVICES.



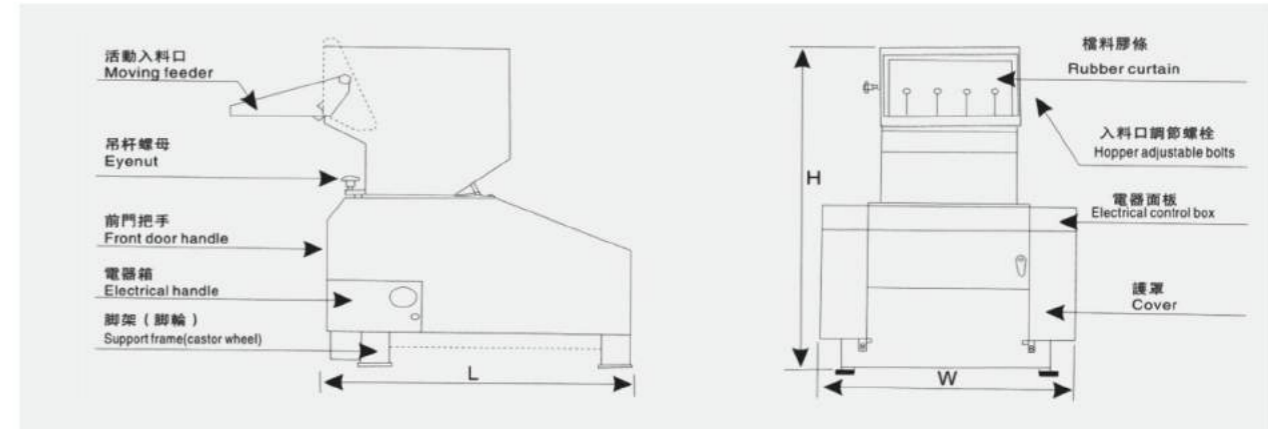
STRONG  
CRUSHER

### ◆ Functional Features

IT IS SUITABLE FOR CRUSHING AND REUSING ALL KINDS OF PLASTICS, ESPECIALLY FOR ALL KINDS OF HARD PLASTICS (SUCH AS MATERIAL HEAD, SHOE SHADING, ETC.). THE PULVERIZER IS EASY TO OPERATE AND THE KNIFE CHANGE IS SIMPLE AND FAST; THE OPTIMIZED DESIGN OF THE TOOL REST, THE JAW TYPE TOOL CAN DISPERSE THE FORCE, SO THAT THE SHEAR OF EACH BLADE IS INCREASED, WHICH IS SUITABLE FOR CRUSHING THICK MATERIALS, HARD BLOCKS, HEADS, ETC., EFFECTIVELY IMPROVING THE CUTTING FORCE OF THE TOOL AND REDUCING TOOL WEAR; IT IS EQUIPPED WITH ELECTRIC CONTROL SAFETY DESIGN. THE HOPPER ADOPTS DOUBLE-LAYER STRUCTURE AND IS FILLED WITH SOUND INSULATION MATERIALS, SO THAT THE EQUIPMENT HAS GOOD SAFETY, ENVIRONMENTAL PROTECTION, POWER SAVING AND DURABILITY

### ◆ Technical Parameter

model	power (KW)	crushing chamber (MM)	Flat knife	Sliceknife	Claw knife	Fixedknife	Crushing amount (KG/H)	Body size (CM)	weight (KG)
PC-ZL180	2.2 (3HP)	180×160		6		2	50-100	90×60×53	120
PC-ZL250	3.7 (5HP)	250×190	3	9	15	2	130-250	95×75×60	280
PC-ZL300	5.5 (7.5HP)	300×230	3	9	15	2	220-300	124×85×62	350
PC-ZL400	7.5 (10HP)	410×250	3	12	18	2	300-400	128×98×77	450
PC-ZL500	11 (15HP)	510×290	6	15	21	2	460-550	150×115×110	700
PC-ZL600	15 (20HP)	610×310	6	18	27	4	600-800	160×120×93	750
PC-ZL700	22/30HP	720×420		21		4	700-900	180×130×126	1050
PC-ZL800	30/40HP	810×412		32		4	700-900	198×148×138	1450



### ◆ Fitting arch selection



CLAW TYPE  
TOOL REST



FLAT TOOL  
REST



BLADE TYPE  
TOOL REST



SCREEN  
MESH



## MEDIUM SPEED CRUSHER

### ◆ Functional Features

LOW NOISE, NO DUST. STRONG CRUSHING CAPACITY, SAFE AND STABLE OPERATION. AXIAL SPROCKET DRIVE IS ADOPTED TO REDUCE BEARING WEAR. COMPARED WITH THE TRADITIONAL STRUCTURE, THE OPERATION IS MORE STABLE AND RELIABLE. EQUIPPED WITH ADJUSTABLE PNEUMATIC PUSHING DEVICE, IT IS EASY TO FEED, REDUCE THE JUMPING AND IMPACT DURING THE CRUSHING OF THICK AND BLOCK MATERIALS, AVOID THE OCCURRENCE OF MATERIAL BLOCKAGE, HELP TO REDUCE NOISE, ENSURE MORE STABLE CRUSHING AND IMPROVE CRUSHING OUTPUT.

### ◆ Technical Parameter

model	240A	300A	360A	420A
Voltage (V)	3 $\phi$ 380V 50HZ	3 $\phi$ 380V 50HZ	3 $\phi$ 380V 50HZ	3 $\phi$ 380V 50HZ
Crusher power (kw)	1.5	1.5	1.5	2.2
Fan power (w)	550	550	750	750
Crushing room (mm)	240*280	300*280	360*280	420*280
Fixed knife	2片	2片	2片	2片
Moving knife	24片 (3排*8片)	30片 (3排*10片)	36片 (3排*12片)	42片 (3排*14片)
speed (r/min)	280	280	280	280
Recovery capacity (kg/h)	200	300	400	500
Overall dimension (mm)	540*750*1260	600*750*1400	600*750*1400	720*750*1400
weight (kg)	200	210	230	240

### ◆ Fitting arch selection



TWO MATERIAL PROPORTIONAL VALVE



STAINLESS STEEL HOPPER RECOVERY SYSTEM



LOW  
SPEED

### ◆ Functional Features

LOW NOISE, NO DUST. STRONG CRUSHING CAPACITY, SAFE AND STABLE OPERATION. AXIAL SPROCKET DRIVE IS ADOPTED TO REDUCE BEARING WEAR. COMPARED WITH THE TRADITIONAL STRUCTURE, THE OPERATION IS MORE STABLE AND RELIABLE. EQUIPPED WITH ADJUSTABLE PNEUMATIC PUSHING DEVICE, IT IS EASY TO FEED, REDUCE THE JUMPING AND IMPACT DURING THE CRUSHING OF THICK AND BLOCK MATERIALS, AVOID THE OCCURRENCE OF MATERIAL BLOCKAGE, HELP TO REDUCE NOISE, ENSURE MORE STABLE CRUSHING AND IMPROVE CRUSHING OUTPUT.

### ◆ Technical Parameter

model	Slow1HP	Slow2HP	Slow3HP	Slow4HP	Slow5HP
Size of feeding port (mm)	250×315	320×320	320×420	340×420	410×470
Motor power (KW)	1.1	1.5	2.2	2.2	4
Pineapple knife	3	3	4	3	4
S knife	2	2	3	3	3
Fixed knife	6	6	8	8	8
Blade material	SKD-11	SKD-11	SKD-11	SKD-11	SKD-11
blade structure	Claw knife + pineapple knife	Claw knife + pineapple knife	Claw knife + pineapple knife	Claw knife + pineapple knife	Claw knife + pineapple knife
Spindle speed	20 turns	20 turns	20 turns	20 turns	20 turns
Noise (DB)	85	85	85	85	85
Weight (kg)	150	200	260	300	750
Body size (length, width and height) cm	90×44×118	105×48×122	122×48×125	122×50×130	125×56×166

### ◆ Fitting arch selection



TWO MATERIAL  
PROPORTIONAL VALVE



STAINLESS STEEL HOPPER  
RECOVERY SYSTEM



SLOW PULVERIZER

◆ Functional Features

THE MATERIAL BARREL IS MADE OF IMPORTED STAINLESS STEEL, WITH FIRM AND DURABLE WELDING, SMOOTH SURFACE AND CONVENIENT CLEANING. STRONG MIXING POWER, COMPLETE UNIFORM MIXING IN A SHORT TIME, LOW ENERGY CONSUMPTION AND HIGH EFFICIENCY. THE FLOOR AREA IS SMALL, AND THE CASTER DEVICE IS EASY TO MOVE. TAIWAN VERTICAL REDUCTION MOTOR ENSURES LOW NOISE AND DURABILITY. THE COVER IS EQUIPPED WITH A PROTECTION SWITCH, WHICH IS ABSOLUTELY SAFE TO OPERATE. FULLY SEALED DESIGN, NO DUST POLLUTION DURING OPERATION. THE TIMER CAN SELECT THE MIXING TIME FROM 0 TO 30 MINUTES. THE END AND BOTTOM OF THE BARREL ARE STAMPED AND FORMED, WITH MORE PRECISE AND DURABLE

model	Mixing amount (kg)	Motor power (kw)	Voltage (V)	speed ratio	Overall dimension (CM)	Weight (kg)
WSV-50	50	1.5	380	60	75*75*105	125
WSV-100	100	3	380	60	100*100*120	170
WSV-150	150	4	380	60	125*125*143	250
WSV-200	200	7.5	380	60	135*135*155	280



SLOW PULVERIZER

◆ Functional Features

THE HORIZONTAL CYLINDER IS EQUIPPED WITH A PADDLE WITH REVERSE ROTATION OF TWO SHAFTS. THE PADDLE STIRS THE MATERIALS ALONG THE AXIAL AND RADIAL DIRECTIONS AT A CERTAIN ANGLE TO QUICKLY MIX THE MATERIALS EVENLY. PERFORMANCE CHARACTERISTICS OF THE HORIZONTAL MIXER THE ROTATING SPEED OF THE REDUCER DRIVE SHAFT AND THE STRUCTURE OF THE PADDLE WILL WEAKEN THE GRAVITY OF THE MATERIALS. WITH THE LACK OF GRAVITY, THE DIFFERENCES IN PARTICLE SIZE AND SPECIFIC GRAVITY OF VARIOUS MATERIALS ARE IGNORED IN THE MIXING PROCESS. THE INTENSE MIXING MOVEMENT SHORTENS THE TIME OF ONE MIXING, WHICH IS FASTER AND MORE EFFICIENT. EVEN IF THERE ARE DIFFERENCES IN SPECIFIC GRAVITY AND PARTICLE SIZE OF MATERIALS, A GOOD MIXING EFFECT CAN BE ACHIEVED UNDER THE RAPID AND VIOLENT TOSSED MIXING BLADES. HIGH MIXING UNIFORMITY AND LESS RESIDUE, SUITABLE FOR MIXING MORE THAN TWO KINDS OF FERTILIZERS AND ADDITIVE PREMIXES.

model	Power (kw)	Capacity (kg)	Voltage (V)	speed (r/min)	Overall dimension (cm)	Net weight (Kg)
100Kg	2.2	100	380	63	110×85×130	285
150Kg	4	150	380	63	140×85×130	385
200Kg	4	200	380	63	185×85×140	530





SLOW  
PULVERIZER

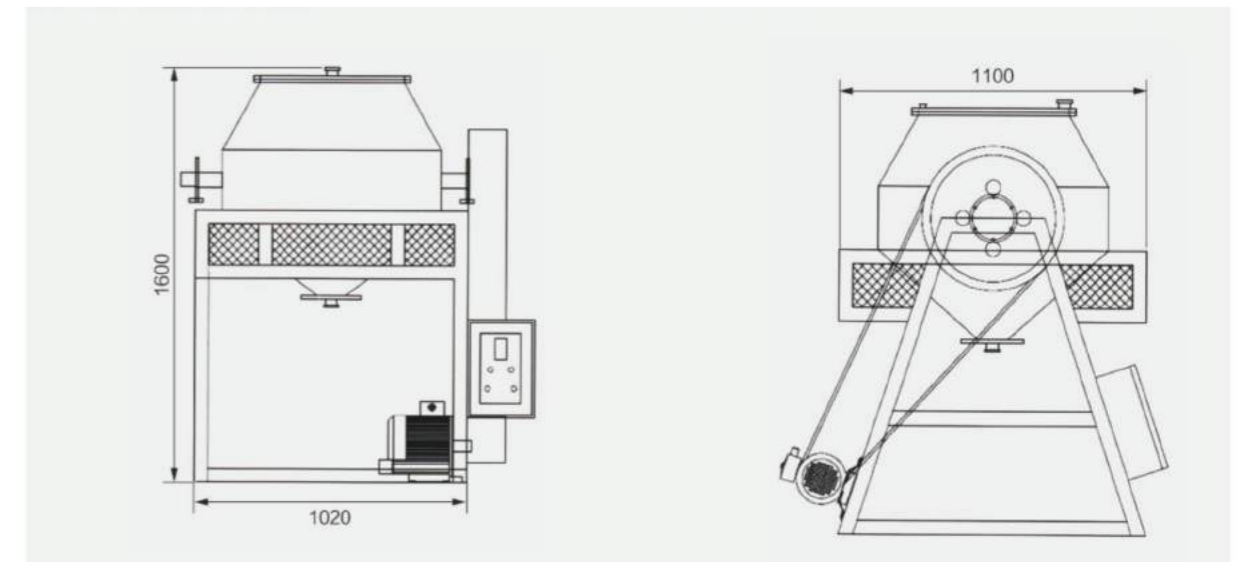
### ◆ Functional Features

THE BARREL BODY IS MADE OF IMPORTED STAINLESS STEEL, WITH FIRM WELDING, BRIGHT SURFACE AND EASY CLEANING; 360 ° ROTATION MIXING IN ALL DIRECTIONS, ARBITRARY POSITIONING OF FEEDING AND DISCHARGING, CONVENIENT OPERATION; THE FIRST MESH PROTECTIVE COVER, WITH REASONABLE STRUCTURE, BEAUTIFUL AND PRACTICAL, ENSURES SAFE OPERATION; THE TIMER CAN SELECT THE MIXING TIME BETWEEN 0 AND 30 MINUTES.

### ◆ 规格 Technical Parameter

MODEL	功率		POWER(KG)	VOLTAGE(V)	OVERALL DIMENSION (H×W×DMM)	SPEED (R/MIN)	NETWEIGHT (KG)
	KW	HP					
ZRM-50	0.75	1	50	380 3Ø	90×89×140	46	120
ZRM-100	1.5	2	100	380 3Ø	102×110×150	46	147

### ◆ 外形尺寸 Overall dimension





VACUUM  
SUCTION MACHINE

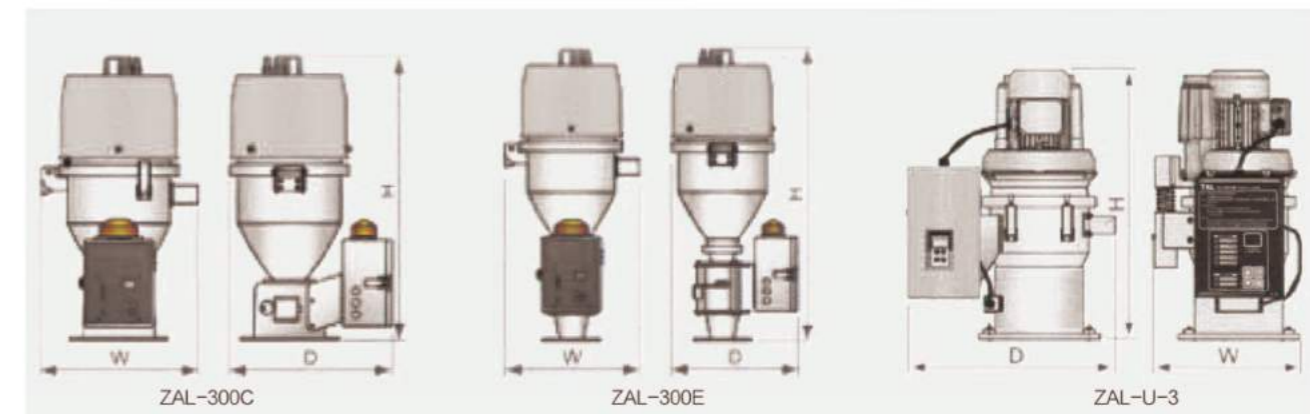
### ◆ Functional Features

SIMPLE OPERATION AND EASY MAINTENANCE; STAINLESS STEEL MATERIAL DOOR; MOTOR PROTECTION DEVICE; OPTIONAL BUZZER FOR MATERIAL SHORTAGE ALARM; AUTOMATIC BACK WASHING DEVICE AND CLOTH FILTER SCREEN ARE STANDARD; ZAL-300E IS EQUIPPED WITH AN OPPOSED PHOTOELECTRIC SWITCH, WHICH IS SUITABLE FOR DIRECT INSTALLATION OF THE FEEDING PORT OF THE MOLDING MACHINE.

### ◆ Technical Parameter

Model	motor type	Motor specification	Voltage	Output capacity	Storage barrel capacity(L)	Feeding pipe	Body size (CM)	Bucket size (CM)	Body weight (KG)	Weight of storage barrel(KG)
AL-300	Carbon brush type	1000W1Ø	380V	350	7.5	38MM	40×36×52		11	
AL-300G	Carbon brush type	1000W1Ø		350	7.5		40×36×52		11	
AL-300GH	Carbon brush type	1000W1Ø		350	7.5		40×36×52		12	
AL-700G	Carbon brush type	1100W1Ø		350	7.5		37×30×55	40×30×50	18	6
AL-800G	Inductive	1HP3Ø		450	7.5		46×38×70	40×30×50	46	6
AL-800GE	Inductive	1HP3Ø		450	7.5		46×38×70	40×30×50	46	6
AL-800G2	Inductive	2HP3Ø		650	7.5		46×38×70	40×30×50	58	6
AL-900G2	Inductive	3HP3Ø		700	7.5		51×38×104	27×27×59	62	6

### ◆ Scope of application





VACUUM  
SUCTION MACHINE

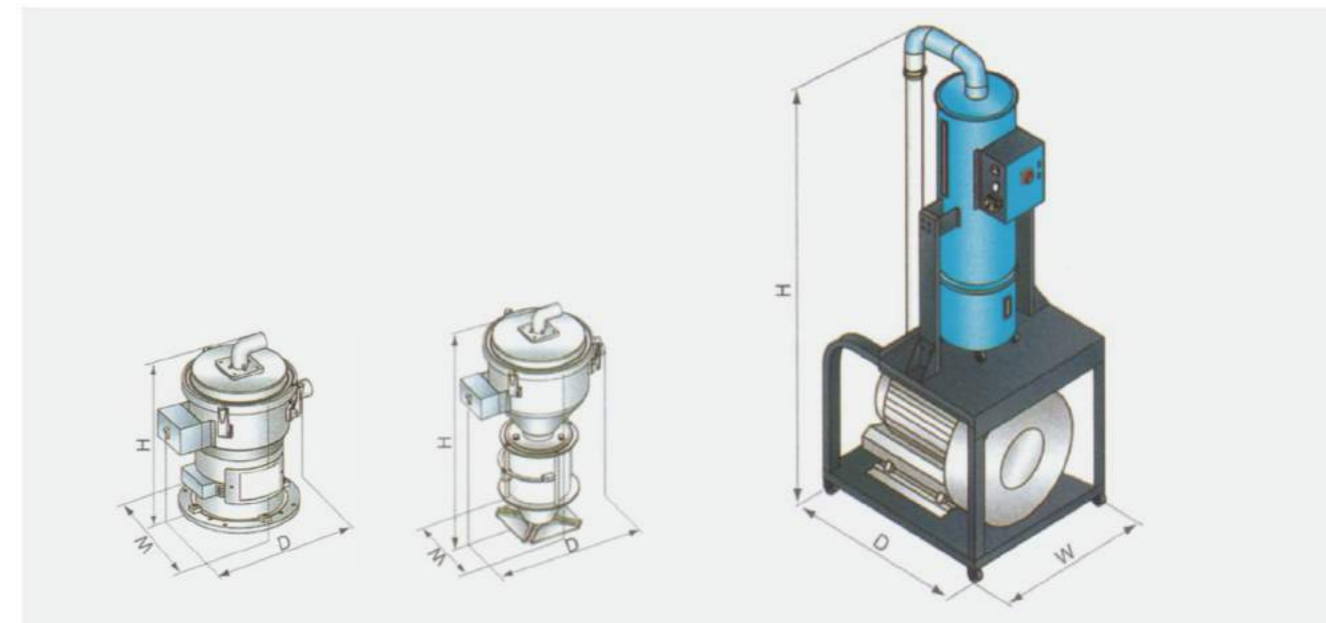
### ◆ Functional Features

SIMPLE OPERATION AND EASY MAINTENANCE; STAINLESS STEEL MATERIAL DOOR; MOTOR PROTECTION DEVICE; OPTIONAL BUZZER FOR MATERIAL SHORTAGE ALARM; AUTOMATIC BACK WASHING DEVICE AND CLOTH FILTER SCREEN ARE STANDARD; ZAL-300E IS EQUIPPED WITH AN OPPOSED PHOTOELECTRIC SWITCH, WHICH IS SUITABLE FOR DIRECT INSTALLATION OF THE FEEDING PORT OF THE MOLDING MACHINE.

### ◆ Technical Parameter

Model	motor type	Motor specification	Voltage	Output capacity	Storage barrel capacity(L)	Feeding pipe	Body size (CM)	Bucket size (CM)	Body weight (KG)	Weight of storage barrel(KG)
AL-300	Carbon brush type	1000W1Ø	380V	350	7.5	38MM	40×36×52		11	
AL-300G	Carbon brush type	1000W1Ø		350	7.5		40×36×52		11	
AL-300GH	Carbon brush type	1000W1Ø		350	7.5		40×36×52		12	
AL-700G	Carbon brush type	1100W1Ø		350	7.5		37×30×55	40×30×50	18	6
AL-800G	Inductive	1HP3Ø		450	7.5		46×38×70	40×30×50	46	6
AL-800GE	Inductive	1HP3Ø		450	7.5		46×38×70	40×30×50	46	6
AL-800G2	Inductive	2HP3Ø		650	7.5		46×38×70	40×30×50	58	6
AL-900G2	Inductive	3HP3Ø		700	7.5		51×38×104	27×27×59	62	6

### ◆ Scope of application





VACUUM  
SUCTION MACHINE

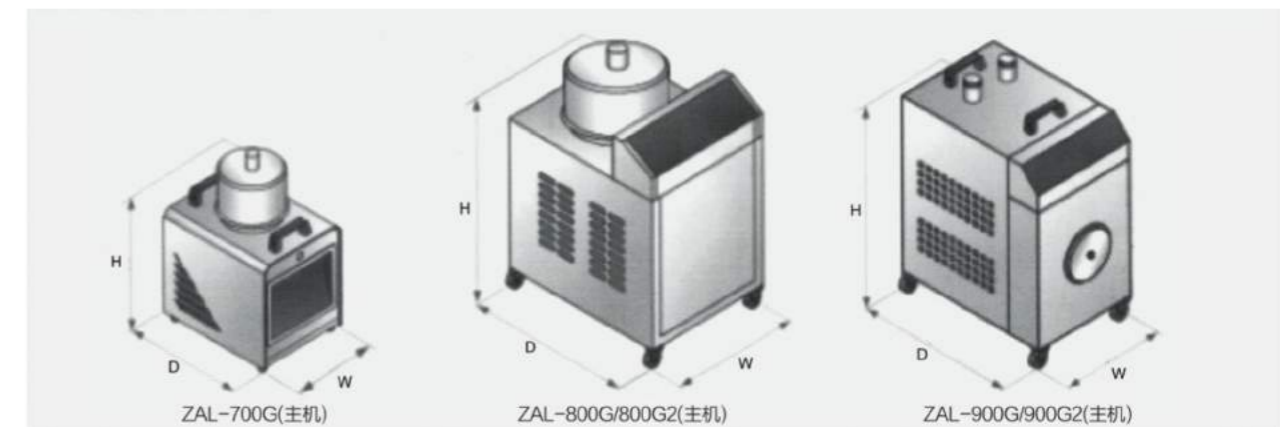
### ◆ Functional Features

SIMPLE OPERATION AND EASY MAINTENANCE; STAINLESS STEEL MATERIAL DOOR; MOTOR PROTECTION DEVICE; OPTIONAL BUZZER FOR MATERIAL SHORTAGE ALARM; AUTOMATIC BACK WASHING DEVICE AND CLOTH FILTER SCREEN ARE STANDARD; ZAL-300E IS EQUIPPED WITH AN OPPOSED PHOTOELECTRIC SWITCH, WHICH IS SUITABLE FOR DIRECT INSTALLATION OF THE FEEDING PORT OF THE MOLDING MACHINE.

### ◆ Technical Parameter

Model	motor type	Motor specification	Voltage	Output capacity	Storage barrel capacity(L)	Feeding pipe	Body size (CM)	Bucket size (CM)	Body weight (KG)	Weight of storage barrel(KG)
AL-300	Carbon brush type	1000W1Ø	380V	350	7.5	38MM	40×36×52		11	
AL-300G	Carbon brush type	1000W1Ø		350	7.5		40×36×52		11	
AL-300GH	Carbon brush type	1000W1Ø		350	7.5		40×36×52		12	
AL-700G	Carbon brush type	1100W1Ø		350	7.5		37×30×55	40×30×50	18	6
AL-800G	Inductive	1HP3Ø		450	7.5		46×38×70	40×30×50	46	6
AL-800GE	Inductive	1HP3Ø		450	7.5		46×38×70	40×30×50	46	6
AL-800G2	Inductive	2HP3Ø		650	7.5		46×38×70	40×30×50	58	6
AL-900G2	Inductive	3HP3Ø		700	7.5		51×38×104	27×27×59	62	6

### ◆ Scope of application





PLASTIC DRYER

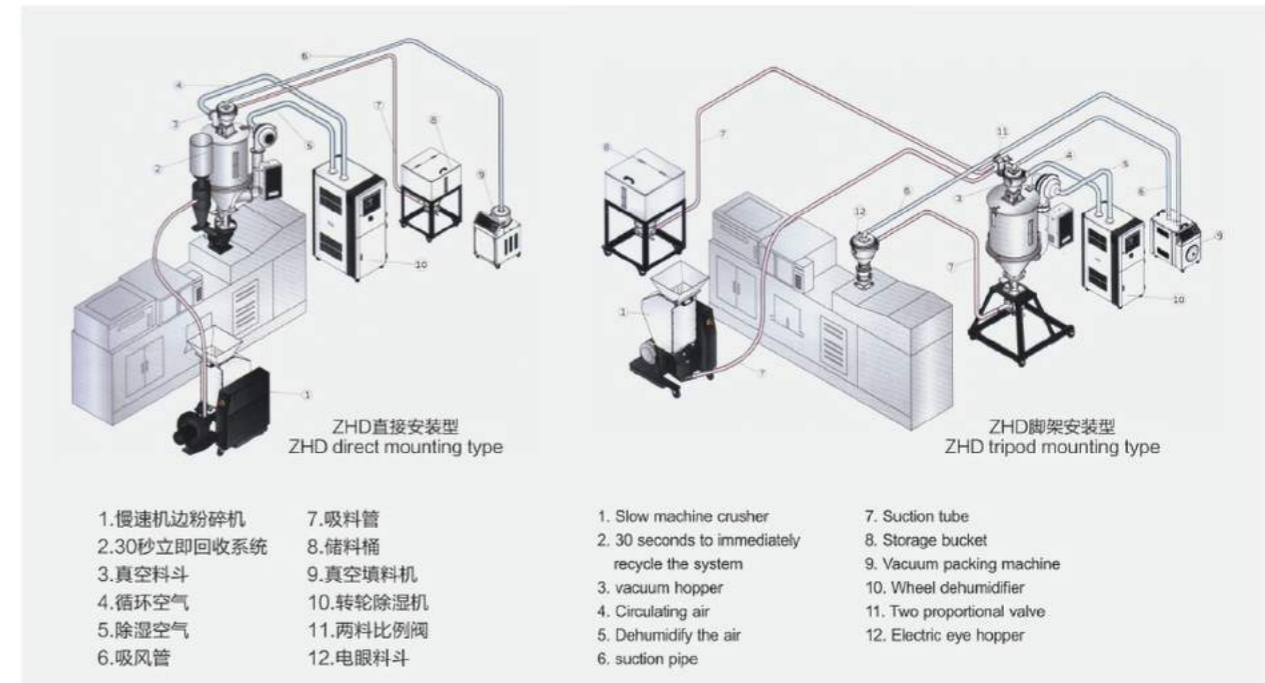
### ◆ Functional Features

THE HIGH-PERFORMANCE HOT AIR DIFFUSION DEVICE WITH UNIFORM DISPERSION IS ADOPTED TO KEEP THE PLASTIC DRYING TEMPERATURE UNIFORM AND IMPROVE THE DRYING EFFICIENCY; THE BENDING DESIGN OF THE HOT AIR PIPE CAN PREVENT THE POWDER SHOULDER FROM ACCUMULATING AT THE BOTTOM OF THE ELECTRIC HEATING PIPE AND CAUSING COMBUSTION; THE INNER AND INNER PARTS OF THE BARREL ARE MADE OF STAINLESS STEEL TO ENSURE THAT THE RAW MATERIALS ARE NOT POLLUTED; THE MATERIAL BARREL IS SEPARATED FROM THE HOPPER, WHICH IS CONVENIENT FOR CLEANING AND RAPID FOR REFUELING; THE PROPORTIONAL DEVIATION INDICATING TEMPERATURE CONTROLLER CAN PRECISELY CONTROL THE TEMPERATURE; THE WHOLE SERIES IS EQUIPPED WITH EXPOSED POWER SWITCH; WITH EXCITATION TRIPPING OVER TEMPERATURE PROTECTION DEVICE, THE MACHINE OPERATES SAFELY AND RELIABLY; ZHD-25~150 ELECTRIC HEATING PIPES ARE CONNECTED WITH STAGGERED PIECES, AND OTHER MACHINE TYPES ARE EQUIPPED WITH TEMPERATURE PROTECTORS TO PREVENT THE ELECTRIC HEATING PIPES FROM DRY BURNING DUE TO FAN FAILURE AND PROTECT THE ELECTRIC HEATING PIPES; WITH OVERTEMPERATURE TRIPPING FUNCTION, WHEN THE DRYING TEMPERATURE EXCEEDS THE SET DEVIATION VALUE, THE MAIN POWER SUPPLY WILL BE CUT OFF AUTOMATICALLY; ADOPT HEAT INSULATION FAN TO PROLONG THE SERVICE LIFE OF THE MACHINE; ZHD-100 AND ABOVE MODELS ARE EQUIPPED WITH 24-HOUR TIMER AS STANDARD.

### ◆ Technical Parameter

Model	electro thermal(kw)	Fan (W)	Power supply (V)	Overall dimension (l*w*h)(cm)	Installation dimension of base K*K*d(cm)	Net weight (kg)
12KG	1.8	50	220V Single phase electricity 380V Trinomial electricity	63*40*83	11*11*Φ4	22
25KG	3.5	122		76*50*104	16*16*Φ6.2	34
50KG	4.5	157		87*54*121	16*16*Φ7	45
75KG	6.5	157		94*60*131	16*16*Φ7	56
100KG	6.5	246		101*70*141	18*18*Φ8	68
150KG	9	350		110*74*162	20*20*Φ8.8	78
200KG	12	350		118*84*176	23*23*Φ11.5	110
300KG	15	750		142*100*183	27.5*27.5*Φ12	152
400KG	15	750		148*106*202	27.5*27.5*Φ12	170
600KG	20	1100		158*116*240	28*28*Φ13.5	280
800KG	30	2200		183*128*248	35*35*Φ13.5	460
1000KG	40	2200		202*142*248	50*50*Φ13.5	680
1500KG	50	3000		204*142*319	50*50*Φ13.5	800

### ◆ Scope of application





COLOR  
MASTERBATCH MACHINE

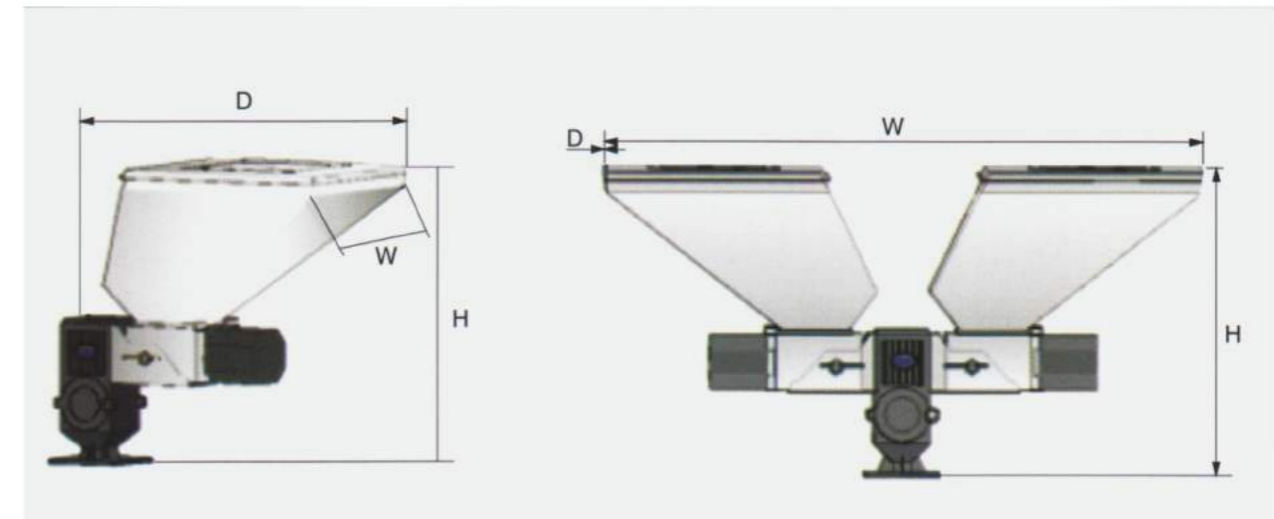
### ◆ Functional Features

USE DC BRUSHLESS MOTOR, NO MAINTENANCE REQUIRED; IT HAS THE FUNCTION OF PERMANENT DATA MEMORY AND STORAGE; MICROCOMPUTER CONTROL, INTELLIGENT AND ACCURATE CALCULATION; IT CAN MEET THE REQUIREMENTS OF EXTERNAL SIGNAL INPUT AT THE SAME TIME; THE SCREW IS CHROME PLATED AND DURABLE; MODULAR ASSEMBLY STRUCTURE, EASY TO DISASSEMBLE, CLEAN AND EXCHANGE; THE STANDARD BASE OF THE MONOCHROME MASTER MACHINE IS EQUIPPED WITH A THREE TUBE DOOR MAGNET, WHICH CAN ABSORB METAL OBJECTS AND PREVENT THE SCREW OF THE MOLDING MACHINE FROM BEING DAMAGED; THE AGITATOR IS THE STANDARD EQUIPMENT OF THE TWO-COLOR MASTER MACHINE, WHICH CAN MEET THE CUSTOMERS' DOUBLE MIXING NEEDS. THE MONOCHROME MASTER MACHINE CAN BE EQUIPPED WITH AN OPTIONAL AGITATOR TO MIX THE MATERIALS EVENLY; THE MAIN MATERIAL DOOR IS THE STANDARD EQUIPMENT OF TWO-COLOR MASTER MACHINE, AND THE MONOCHROME MASTER MACHINE CAN BE SELECTED; WHEN EQUIPPED WITH THD-100 OR THD-160U DRYER OR ABOVE, A LARGE FLANGE (WITHOUT THREE TUBE DOOR MAGNET) SHALL BE INSTALLED ON THE MOUNTING BASE; THE CUSTOMER NEEDS TO CHOOSE A FOOT STAND WHEN MATCHING THD-100~300KG, THD-160U~450U THOUSAND DRYERS; "CE" SHALL BE ADDED AFTER THE MODEL WHEN IT IS CHANGED TO EUROPEAN SAFETY CIRCUIT TYPE.

### ◆ Technical Parameter

MODEL	MONOCHROME MASTER					
	SCH-H24-1	SCH-H16-1	SCH-H12-1	SW-H24-2	SW-H16-2	SW-H12-2
STEPPING MOTOR POWER (W)	100	100	100	100*2	100*2	100*2
STEPPER MOTOR POWER (RPM)	360	360	360	360	360	360
MIXING POWER(W)	25※	25※	25※	25※	25※	25※
SCREW MODEL	24	16	12	*	*	*
OUTPUT(KG/H)	1.4-80	0.9-50	0.3-25	**	**	**
STORAGE HOPPER(L)	12	12	12	12X2	12X2	12X2
REDUCTION RATIO	*	*	*	*	*	*
	OVERALL DIMENSION					
H(MM)	520	520	520	615	615	615
W(MM)	610	610	610	1045	1045	1045
D(MM)	335	335	335	335	335	335
NET WEIGHT (KG)	15	15	15	15	15	15

### ◆ Scope of application





## HIGH TEMPERATURE OVEN MACHINE

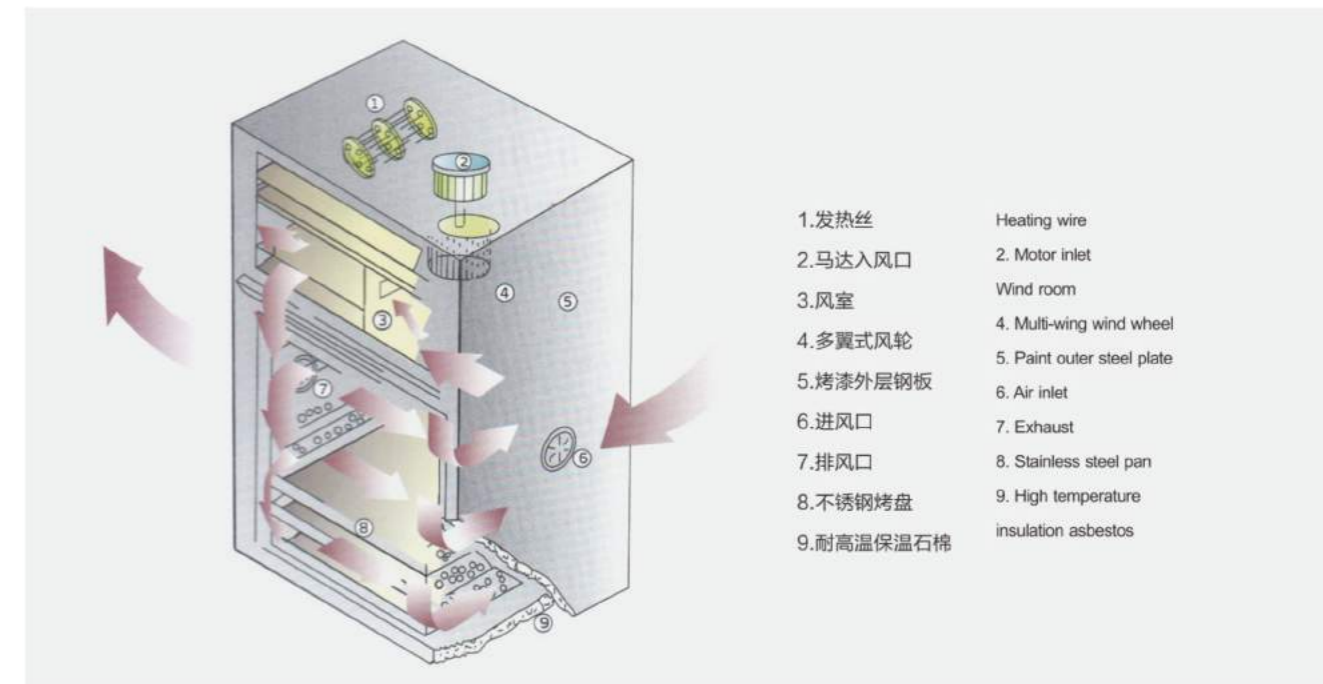
### ◆ Functional Features

PRECISE P.I.D. ELECTRONIC TEMPERATURE CONTROL IS ADOPTED TO ACHIEVE UNIFORM DRYING EFFECT; HIGH TEMPERATURE SEALING DOOR CAN KEEP CONSISTENT TEMPERATURE AND REDUCE HEAT LOSS; STAINLESS STEEL BAKING TRAY AND LINING CAN PREVENT RAW MATERIALS FROM BEING POLLUTED DURING DRYING; THE AIR INLET AND EXHAUST OUTLET CAN BE ADJUSTED TO FACILITATE THE ADJUSTMENT OF AIR VOLUME; 24-HOUR TIMING DEVICE, EASY TO OPERATE; EQUIPPED WITH OVER TEMPERATURE PROTECTOR TO AVOID OVER TEMPERATURE DRYING; EQUIPPED WITH MOTOR OVERLOAD PROTECTION; EQUIPPED WITH WARNING LIGHTS TO IMMEDIATELY RESPOND TO FAULTS; WHEN THE DRYING TEMPERATURE EXCEEDS THE SET DEVIATION VALUE, THE POWER SUPPLY OF THE HEATING WIRE WILL BE CUT OFF AUTOMATICALLY TO PROTECT THE HEATING WIRE

### ◆ Technical Parameter

MODEL	OVERALL DIMENSION(MM)	INTERNAL DIMENSIONS(MM)	ELECTROTHERMAL POWER(KW)	NUMBER OF SHELVES	LOADING QUANTITY(KG)	WEIGHT (KG)
OV-5	1200X800X620	660X600X550	4	5	50	148
OV-9	1440X800X620	900X600X550	4.5	9	100	178
OV-20	1700X1210X870	1000X900X800	9	20	200	415

### ◆ Scope of application





EUROPEANIZATION  
DRYER

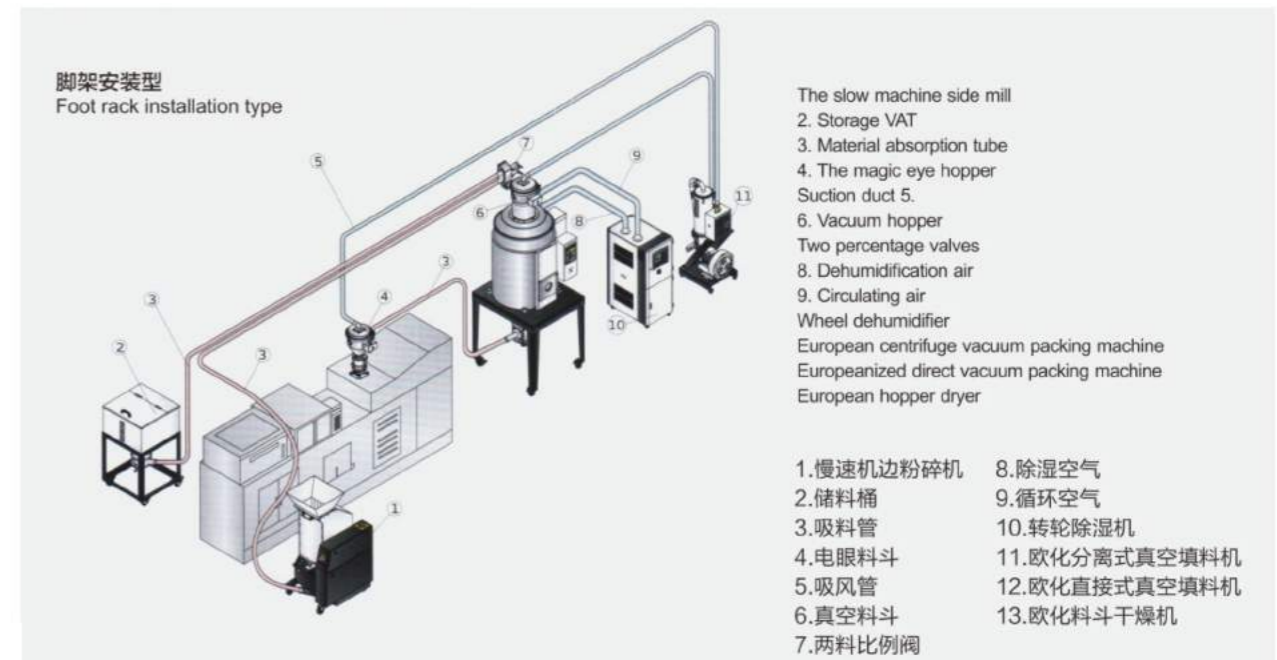
### ◆ Functional Features

THE MOISTURE IN PLASTIC RAW MATERIALS CAN BE TAKEN AWAY TO ELIMINATE THE GENERATION OF BUBBLES, SO THAT THE PRODUCT CAN ACHIEVE VERY IDEAL MECHANICAL, ELECTRICAL, DIMENSIONAL STABILITY AND SMOOTH AND BEAUTIFUL APPEARANCE; PREVENT THE GENERATION OF DEFECTIVE PRODUCTS AND RETURN LOSSES, AND GREATLY REDUCE THE GENERATION OF WASTE MATERIALS; BECAUSE THE DEHUMIDIFICATION DRYER USES VERY DRY AIR FOR DEHUMIDIFICATION, IT CAN GREATLY SHORTEN THE DRYING TIME, SAVE MAN HOURS AND CREATE MORE PROFITS FOR YOU; THE AIR PIPELINE OF EUROPEANIZATION DRYER ADOPTS SEALED CIRCULATION SYSTEM AND IS EQUIPPED WITH FILTER, SO IT IS NOT AFFECTED BY THE EXTERNAL CLIMATE AND CAN PREVENT DUST POLLUTION IN THE PLANT, CREATING A BEAUTIFUL WORKING ENVIRONMENT FOR YOU.

### ◆ Technical Parameter

model	Drying electrical thermal (Kw)	Fan (Kw)	Overall dimension (mm)
5Kg	1	0.135	490 × 400 × 780
12Kg	1.5	0.135	540 × 450 × 880
25Kg	3	0.15	630 × 480 × 950
50Kg	4	0.16	670 × 510 × 1260
75Kg	4	0.16	800 × 620 × 1285
100Kg	8	0.24	820 × 680 × 1400
150Kg	8	0.24	820 × 680 × 1400
200Kg	12	0.3	900 × 720 × 2150
300Kg	15	0.3	1120 × 950 × 2350
400Kg	18	0.36	1220 × 1030 × 2300
500Kg	22	0.55	1300 × 1050 × 2400

### ◆ Detailed appearance







## THREE MACHINES IN ONE DEHUMIDIFICATION DRYER

### ◆ Functional Features

IN THE PROCESSING INDUSTRY OF PLASTICS, THE PRODUCTS APPEAR SHRINKAGE, CRAZING, BUBBLES, CRACKS, FLOW MARKS, POOR TRANSPARENCY AND OTHER PHENOMENA. THE MAIN REASON FOR THESE POOR QUALITY IS THAT THE PLASTICS ARE NOT FULLY DRIED BEFORE THEY ARE FORMED. ENGINEERING PLASTICS SUCH AS PA, PET, PU, TPU, PC, PBT, CA AND OTHER MATERIALS WITH STRONG MOISTURE ABSORPTION CAN NOT BE COMPLETELY DRIED BY THE TRADITIONAL HOT AIR DRYER BECAUSE THE MOISTURE SEEPS INTO THE PLASTIC PARTICLES. IT HAS BEEN PROVED BY PRACTICE THAT THE MOISTURE CONTENT CAN BE REDUCED TO LESS THAN 0.02% BEFORE FORMING BY REDUCING THE DEW POINT OF THE DRYING AIR TO BELOW -40 °C AND CONTROLLING THE HEAT TO BLOW IT OVER THE SURFACE OF THE WET PLASTIC PARTICLES. THE THREE MACHINE INTEGRATED DEHUMIDIFICATION DRYER FULLY DEHUMIDIFIES AND HEATS THE AIR IN A CLOSED CIRCULATION SYSTEM, AND THE DRY AIR QUICKLY SEPARATES THE MOISTURE IN THE PLASTIC PARTICLES TO ACHIEVE THE DEHUMIDIFICATION AND DRYING EFFECT

### ◆ Technical Parameter

PARAMETER	MODEL	25KG	50KG	75KG	100KG	150KG	200KG	300KG	400KG
BARREL CAPACITY(KG)		25KG	50KG	75KG	100KG	150KG	200KG	300KG	400KG
DEHUMIDIFICATION AIR VOLUME(M3/HR)		50	50	50	80	150	200	300	400
DRYING ELECTRIC HEATING POWER(KW)		2.7	4.0	4.0	6.0	7.0	10	15	18
POWER OF DRYING FAN(KW)		0.37	0.37	0.55	0.55	0.75	1.1	1.5	2.2
REGENERATIVE ELECTRIC HEATING POWER(KW)		2.0	2.0	2.7	2.7	3.5	4.0	4.0	6.0
REGENERATION FAN POWER (KW)		0.18	0.18	0.18	0.25	0.37	0.37	0.55	0.75
FEEDING FAN POWER (KW)		0.75	0.75	1.1	1.1	1.1	1.1	1.5	2.2
PIPING OF SUCTION MACHINE (INCH)		1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5

### ◆ Detailed appearance

