

  
INJECTION MOLDING MACHINE  
**AUXILIARY  
EQUIPMENT**

**SV TECHNOLOGIES**  
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MOLD TEMPERATURE CONTROLLER - OIL, WATER / CHILLER - AIR, WATER / COOLING TOWER



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# AIR-COOLED CHILLER



## MOLDE FEATURES

- No need to fit the cooling tower
- Japan Panasonic compressor, high efficiency, low noise, quiet operation
- Emerson imported refrigeration parts
- Electrical parts are German SIEMENS genuine, to ensure stable operation of the machine
- Take a large capacity condenser and heat it can run easily
- Minimize floor space and ease of installation
- All pipe insulation design, to prevent local convection of the pipeline
- Finned condenser, better heat transfer, faster heat dissipation
- Box type evaporator is provided with an automatic water replenishing device

## APPLICATION

- Plastic, electronics, electroplating, food, medical, chemical, printing, laser, machining and other industries

## SAFETY SYSTEM

- Compressor Overload Protection
- Pump Overload Protection
- Heat-Exchange Fail Protection
- Refrigerant Safety Valve
- Freeze Protection
- High Pressure Protection
- Low Pressure Protection
- Phase Failure Protection
- Buzzer

## TECHNICAL PARAMETER

Model		LF5A	LF8A	LF10A	LF12A	LF15A	LF20A	LF25A	LF30A	LF40A	LF50A	
Cooling Capacity	kW/h	13 16	21 25	26 31	30 36	42 50	55 66	60 71	84 100	111 133	119 143	
	Kcal/h	11223 13488	17630 21156	22446 26935	25585 30702	35948 43138	47558 57070	51170 61404	71896 86258	95116 114139	102512 123015	
Input Power		kW		6	8	10	12	16	20	23	41	48
Voltage		3PH-380V-50Hz (Or 200V/220V/415V 50Hz/60Hz)										
Refrigerant	Name	R22 (Or R134a/R407c)										
	Control Method	Outside The Balanced Thermal Expansion Valve										
Compressor	Types	Fully Enclosed Scroll Compressor										
	(kW) Power	3.73	5.97	7.46	8.95	11.19	14.92	18.64	22.38	29.84	37.28	
Evaporator	Types	Tank Coil										
	(m³/h) Chilled Water	2.24 2.68	3.52 4.22	4.47 5.37	5.12 6.15	7.20 8.63	9.52 11.42	10.25 12.29	14.39 17.37	19.05 29.86	20.50 24.60	
	(L) Water Tank	50	120	120	120	200	250	250	250	320	370	
	(Inch) Water Pipe	1	1-1/2	1-1/2	2	2	2	2-1/2	2-1/2	3	3	
Condenser	Types	Efficient Aluminum Finned Copper Jacket + Low Noise External Rotor Fan										
	(m³/h) Air Cooling	5000	8000	10000	12000	15000	20000	25000	30000	40000	50000	
Pump	(kW) Power	0.37	0.75	0.75	0.75	1.5	2.25	2.25	2.25	3.75	4.5	
	H (m)	20	22	22	22	24	30	30	30	40	52	
Dimensions	L (MM)	1360	1600	1570	1370	1875	2240	2240	1920	1920	2090	
	W (MM)	645	860	860	940	1100	1100	1110	1650	1650	2020	
	H (MM)	1055	1555	1570	1750	1750	1700	1700	2100	2100	2100	
Weight	Kg	300	400	450	450	600	880	980	1100	1250	1400	
Unit Conversion		1KW=860KCAL/HR			1RT=3024KCAL/HR			1BTU/HR=0.252KCAL/HR				

- Chilled water range 3-35°C, chilled water inlet temperature difference 3-8°C, cooling water range 18-37°C, cooling water inlet temperature 3.5-10°C
- Refrigeration capacity is according to, the chilled water inlet and outlet temperature is 12°C/7°C, the cooling water inlet and outlet temperature is 35°C/30°C
- Above parameters are voltage 380v50hz 3 phase, refrigerant R22. Other parameters please call personnel



# AIR-COOLED SCREW CHILLER



## APPLICATION

- Plastic, electronics, electroplating, food, medical, chemical, printing, laser, machining and other industries

## SAFETY SYSTEM

- Compressor Overload Protection
- Pump Overload Protection
- Heat-Exchange Fail Protection
- Refrigerant Safety Valve
- Freeze Protection
- High Pressure Protection
- Low Pressure Protection
- Phase Failure Protection
- Buzzer

## MOLDE FEATURES

- No need to fit the cooling tower
- Minimize floor space and ease of installation
- All pipe insulation design, to prevent local convection of the pipeline
- Finned condenser, better heat transfer, faster heat dissipation
- Large capacity shell and tube evaporator, good cooling effect, suitable for high-temperature environment

## TECHNICAL PARAMETER

Model		LFD50A	LFD60A	LFD80A	LFD100A	LFD120A	LFD150A	LFD170A	LFD200A	LFD240A
Cooling Capacity	kW/h	153	167.1	203	263.5	298	420	496	564	676
	Kcal/h	132010	143706	175182	226610	256452	361200	426560	485040	581360
Input Power	kW	54	64	84	109	127	168	197	229	270
Voltage		3PH-380V-50Hz (Or 200V/220V/415V 50Hz/60Hz)								
Refrigerant	Name	R22 (Or R134a/R407c)								
	Control Method	Outside The Balanced Thermal Expansion Valve								
	Types	Semi - Closed Screw Compressor								
Compressor	功率 Power	50	60	80	100	120	75×2	85×2	100×2	120×2
	Start Mode	Y-△								
	Energy Control	0-25-50-75-100								
Evaporator	Types	Shell And Tube								
	(m³/h) Chilled Water	26	28.74	35.03	45.3	52	71	86	100	117
	(Inch) Water Pipe	3	3	4	4	5	5	6	6	6
Condenser	Types	Efficient Aluminum Finned Copper Jacket + Low Noise External Rotor Fan								
	(m³/h) Air Cooling	51000	63000	80000	105000	122000	155000	175000	205000	250000
外形尺寸 Dimensions	L (MM)	2400	2480	2600	4050	4250	4250	4250	4250	4350
	W (MM)	2250	2300	2300	2100	2300	3400	3980	4550	5260
	H (MM)	1880	1980	1980	2020	2200	2350	2350	2650	3250
Weight	Kg	1620	1930	2260	3340	3850	4200	4450	5260	6230
Unit Conversion		1KW=860KCAL/HR			1RT=3024KCAL/HR			1BTU/HR=0.252KCAL/HR		

- Chilled water range 3-35°C, chilled water inlet temperature difference 3-8°C, cooling water range 18-37°C, cooling water inlet temperature 3.5-10°C
- Refrigeration capacity is according to, the chilled water inlet and outlet temperature is 12°C/7°C, the cooling water inlet and outlet temperature is 35°C/30°C
- Above parameters are voltage 380v50hz 3 phase,refrigerant R22. Other parameters please call personnel

# WATER-COOLED CHILLER



## MOLDE FEATURES

- Japan Panasonic compressor, high efficiency, low noise, quiet operation
- Emerson imported refrigeration parts
- High efficiency evaporator and condenser can save more than 30% energy
- Electrical parts are German SIEMENS genuine, to ensure stable operation of the machine
- All pipe insulation design, to prevent local convection of the pipeline
- Box type evaporator is provided with an automatic water replenishing device

## APPLICATION

- Plastic, electronics, electroplating, food, medical, chemical, printing, laser, machining and other industries

## SAFETY SYSTEM

- Compressor Overload Protection
- Pump Overload Protection
- Heat-Exchange Fail Protection
- Refrigerant Safety Valve
- Freeze Protection
- High Pressure Protection
- Low Pressure Protection
- Phase Failure Protection
- Buzzer

## TECHNICAL PARAMETER

Model		L5W	L8W	L10W	L12W	L15W	L20W	L25W	L30W	L40W	L50W	
Cooling Capacity	kW/h	50Hz 15 60Hz 18	24 28	30 36	34 41	49 58	61 72	68 82	97 116	122 146	137 164	
	Kcal/h	50Hz 12900 60Hz 15394	20296 24338	25800 30960	29412 35260	41710 50052	52460 62092	58738 70606	83420 100104	104920 125904	117476 140972	
Input Power		kW	5	8	10	11	15	20	22	31	39	49
Voltage		3PH-380V-50Hz (Or 200V/220V/415V 50Hz/60Hz)										
Refrigerant	Name	R22 (Or R134a/R407c)										
	Control Method	Outside The Balanced Thermal Expansion Valve										
Compressor	Types	Fully Enclosed Scroll Compressor										
	(kW) Power	3.73	5.97	7.46	8.95	11.19	14.92	18.64	22.38	29.84	37.28	
Evaporator	Types	Tank Coil										
	(m³/h) Chilled Water	2.6 3.2	4.1 4.9	5.2 6.2	5.9 7.1	8.4 10.0	10.0 12.1	11.8 14.1	16.7 20.0	20.6 24.7	23.5 28.2	
	(L) Water Tank	50	120	120	160	200	250	250	265	330	350	
	(Inch) Water Pipe	1	1-1/2	1-1/2	2	2	2-1/2	2-1/2	2-1/2	3	3	
Condenser	Types	Shell And Tube										
	(m³/h) Cooling Water	3.5 4.2	5.2 6.1	6.8 7.4	7.9 9.3	10.7 11.7	13.9 16.3	15.8 18.6	20.5 22.7	27.8 33.4	31.6 37.9	
	(Inch) Water Pipe	1-1/2	1-1/2	1-1/2	1-1/2	2	2	2-1/2	3	3	3	
Pump	(kW) Power	0.37	0.75	0.75	0.75	1.5	2.25	2.25	2.25	3.75	4.5	
	H (m)	20	22	22	22	24	30	30	30	40	52	
Dimensions	L (MM)	1070	1300	1300	1300	1880	1880	1835	1880	2100	2200	
	W (MM)	600	710	710	710	800	800	800	910	1100	1150	
	H (MM)	975	1390	1390	1390	1500	1500	1514	1600	1960	2100	
Weight	Kg	210	300	370	430	700	750	800	950	1200	1300	
Unit Conversion		1KW=860KCAL/HR			1RT=3024KCAL/HR			1BTU/HR=0.252KCAL/HR				

- Chilled water range 3-35°C, chilled water inlet temperature difference 3-8°C, cooling water range 18-37°C, cooling water inlet temperature 3.5-10°C
- Refrigeration capacity is according to, the chilled water inlet and outlet temperature is 12°C/7°C, the cooling water inlet and outlet temperature is 35°C/30°C
- Above parameters are voltage 380v50hz 3 phase, refrigerant R22. Other parameters please call personnel



# WATER-COOLED SCREW CHILLER



## APPLICATION

- Plastic, electronics, electroplating, food, medical, chemical, printing, laser, machining and other industries

## SAFETY SYSTEM

- Compressor Overload Protection
- Pump Overload Protection
- Heat-Exchange Fail Protection
- Refrigerant Safety Valve
- Freeze Protection
- High Pressure Protection
- Low Pressure Protection
- Phase Failure Protection
- Buzzer

## MOLDE FEATURES

- Horizontal shell and tube condenser and shell and tube evaporator, simple structure, stable heat transfer, easy maintenance
- Circular motion is smooth, low load operation without "surge" phenomenon, low noise, small vibration
- Compression ratio can be as high as 20, EER value is high
- Stepless adjustment in 10%~100% range
- PLC program controller, HMI configuration, large screen touch screen

## TECHNICAL PARAMETER

Model		L50DW	L60DW	L80DW	L100DW	L120DW	L160DW	L180DW	L200DW	L240DW
Cooling Capacity	kW/h	176	191.6	256.4	321	398	512	602	692	888
	Kcal/h	151360	164776	220504	276060	342280	441008	517720	595120	763680
Input Power	kW	38	43	57	74	90	112	136	154	195
Voltage		3PH-380V-50Hz (Or 200V/220V/415V 50Hz/60Hz)								
Refrigerant	Name	R22 (Or R134a/R407c)								
	Control Method	Outside The Balanced Thermal Expansion Valve								
Compressor	Types	Semi - Closed Screw Compressor								
	Start Mode	Y-△								
	Energy Control	0-25-50-75-100								
Evaporator	Types	Shell And Tube								
	(m³/h) Chilled Water	30	32.9	44.1	55	68.4	88.2	103.54	119	152
	(Inch) Water Pipe	3	3	3	4	4	5	5	6	6
Condenser	Types	Shell And Tube								
	(m³/h) Cooling Water	33	38	52	68	84	100	127	145	186
	(Inch) Water Pipe	3	3	3	4	4	5	5	6	6
Dimensions	L (MM)	2130	2450	2450	2750	2750	3460	3460	3460	3460
	W (MM)	855	985	985	1050	1050	1250	1350	1350	1550
	H (MM)	1540	1600	1600	1600	1730	1730	1760	1760	1820
Weight	Kg	950	1120	1300	1720	2030	2410	2630	2950	3160
Unit Conversion		1KW=860KCAL/HR			1RT=3024KCAL/HR			1BTU/HR=0.252KCAL/HR		

- Chilled water range 3-35°C, chilled water inlet temperature difference 3-8°C, cooling water range 18-37°C, cooling water inlet temperature 3.5-10°C
- Refrigeration capacity is according to, the chilled water inlet and outlet temperature is 12°C/7°C, the cooling water inlet and outlet temperature is 35°C/30°C
- Above parameters are voltage 380v50hz 3 phase, refrigerant R22. Other parameters please call personnel

# WATER MOLD TEMPERATURE MACHINE



## APPLICATION

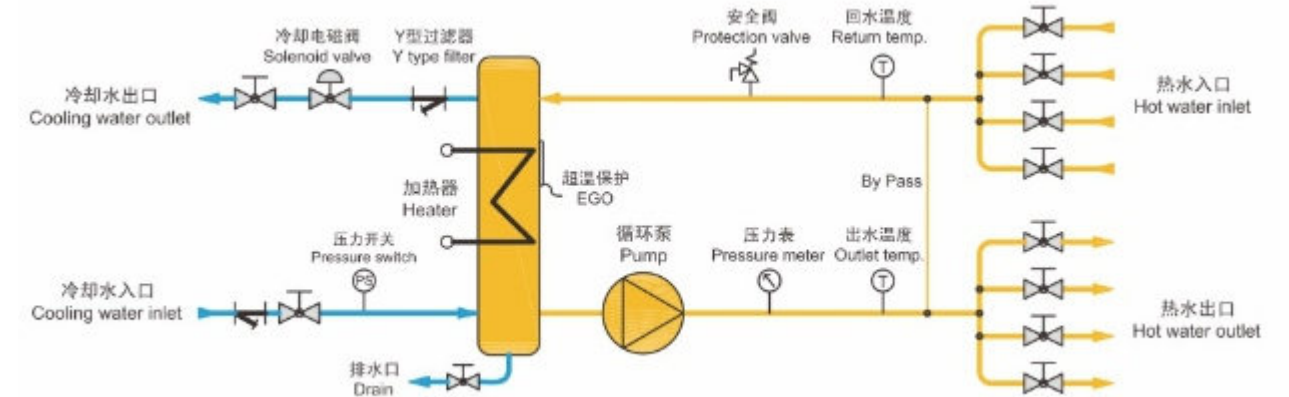
- Precision Injection
- Rubber Machinery
- Plastic Machinery
- Roller
- Reactor
- Medical Equipment

## MOLDE FEATURES

- P.I.D. control temperature, temperature difference error is 0.1 degree, constant temperature time, high efficiency, energy saving
- LCD screen directly displays the measured temperature and set the temperature
- Internal use of stainless steel, corrosion resistant, high pressure explosionproof, long temperature, high thermal efficiency
- High quality and high efficiency pump, which can adapt to the temperature control requirements of various molds
- Beautiful appearance, save space

## SAFETY SYSTEM

- Start automatic Exhaust
- Shutdown Automatic Cooling
- Pump Overload Protection
- Overheating Protection
- Phase Failure Protection



## TECHNICAL PARAMETER

Model	M6KWS	M9KWS	M12KWS	M18KWS	M24KWS	M30KWS	M40KWS	M60KWS	M90KWS	M120KWS	
Temperature Range	30-180°C										
Temperature Control Accuracy	±0.1°C										
Voltage	3PH-380V-50Hz										
Heat Transfer Media	Water										
Cooling method	Direct Cooling										
Heating Capacity	kW	6	9	12	18	24	30	40	60	90	120
Pump Power	kW	0.37 0.75	0.37 0.75	0.75 1.50	0.75 1.50	0.75 1.50	1.50 2.24	1.50 2.24	4.00	4.50	4.50
Max Pump Flow	L/min	42 56	42 56	56 110	56 110	56 110	110 140	110 140	367	400	400
System Pressure	Kg/cm <sup>2</sup>	2.8 3.8	2.8 3.8	3.8 6.0	3.8 6.0	3.8 6.0	6.0 8.5	6.0 8.5	4.0	5.2	5.2
Cooling Water Pipe	Inch	3/4	3/4	3/4	3/4	3/4	1	1	1	1	1
Circulation Water Pipe	Inch	3/4 X 2	3/4 X 2	3/4 X 4	3/4 X 4	3/4	1	1	1	1	1
Dimensions	L (mm)	715	715	715	715	895	895	1010	1010	1500	1500
	W (mm)	340	340	340	340	400	400	540	540	840	840
	H (mm)	650	650	650	650	710	710	670	670	1500	1500
Weight	Kg	65	90	105	138	168	198	218	288	658	688

# OIL MOLD TEMPERATURE MACHINE



## APPLICATION

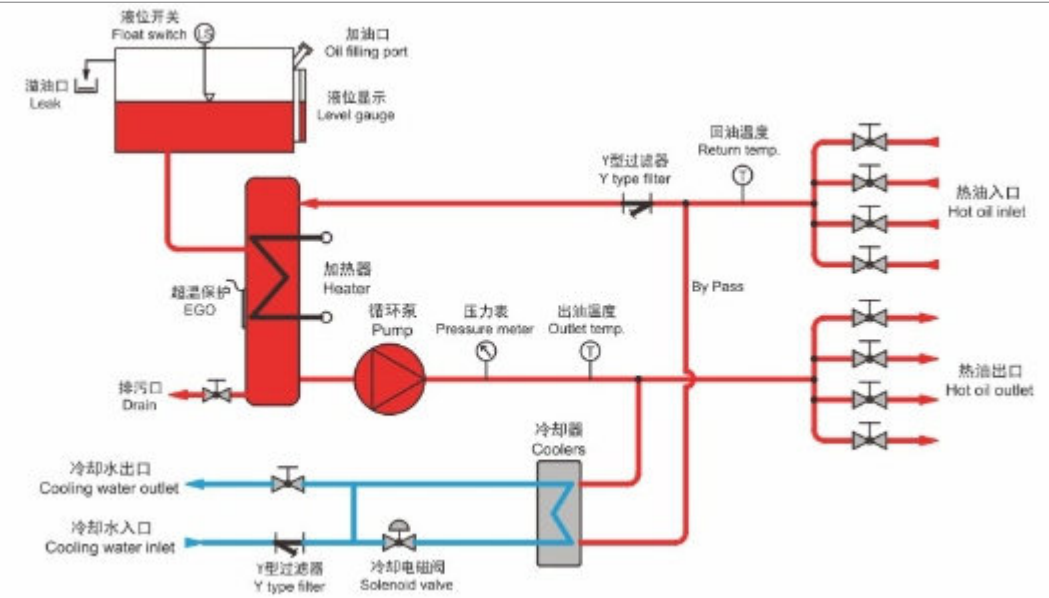
- Precision Injection
- Rubber Machinery
- Plastic Machinery
- Roller
- Reactor
- Medical Equipment

## MOLDE FEATURES

- PID control temperature, temperature difference error is 0.1 degree
- constant temperature time, high efficiency, energy saving
- LCD screen directly displays the measured temperature and set the temperature
- Internal use of stainless steel, corrosion resistant, high pressure explosionproof, long temperature, high thermal efficiency
- High quality and high efficiency pump, which can adapt to the temperature control requirements of various molds
- Beautiful appearance, save space

## SAFETY SYSTEM

- Start automatic Exhaust
- Shutdown Automatic Cooling
- Pump Overload Protection
- Overheating Protection
- Phase Failure Protection



## TECHNICAL PARAMETER

Model	M6KWY	M9KWY	M12KWY	M18KWY	M24KWY	M30KWY	M40KWY	M60KWY	M90KWY	M120KWY	
Temperature Range	30-300°C										
Temperature Control Accuracy	±0.1°C										
Voltage	3PH-380V-50Hz										
Heat Transfer Media	Conduction Oil										
Cooling method	Indirect cooling										
Heating Capacity	kW	6	9	12	18	24	30	40	60	90	120
Pump Power	kW	0.37 0.75	0.37 0.75	0.75 1.50	0.75 1.50	0.75 1.50	1.50 2.24	1.50 2.24	4.00	4.50	4.50
Max Pump Flow	L/min	42 56	42 56	56 110	56 110	56 110	110 140	110 140	367	400	400
System Pressure	Kg/cm <sup>2</sup>	2.8 3.8	2.8 3.8	3.8 6.0	3.8 6.0	3.8 6.0	6.0 8.5	6.0 8.5	4.0	5.2	5.2
Cooling Water Pipe	Inch	3/4	3/4	3/4	3/4	3/4	1	1	1	1	1
Circulation Water Pipe	Inch	3/4 X 2	3/4 X 2	3/4 X 4	3/4 X 4	3/4	1	1	1	1	1
Dimensions	L (mm)	715	715	715	715	895	895	1010	1010	1500	1500
	W (mm)	340	340	340	340	400	400	540	540	840	840
	H (mm)	650	650	650	650	710	710	670	670	1500	1500
Weight	Kg	65	90	105	138	168	198	218	288	658	688



## HIGH TEMPERATURE MOLD TEMPERATURE MACHINE



### APPLICATION

- Precision Injection
- Injection Molding Mold Temperature
- Optical Lens, Lenses, CD
- Plastic Sheets, Plates, Film
- Roller
- Car Seat Foam Production Line
- Blow

### MOLDE FEATURES

- P.I.D. control temperature, temperature difference error is 0.1 degree, constant temperature time, high efficiency, energy saving
- LCD screen directly displays the measured temperature and set the temperature

### TECHNICAL PARAMETER

Model	(°C) Max Temp	(kW) Heating Power	( kW) Pump Power	( L/min) Pump Max Flow	Kg/cm <sup>2</sup> System Pressure	( Inch) Pipe Connection Size	( mm) Dimensions	( Kg) Weight
M60KW	300	60	4.00	367	4.0	1	1200×500×1350	288
M90KW		90	4.50	400	5.2	1	1200×500×1350	658
M120KW		120	4.5	400	5.2	1	1200×500×1350	688

## TWO-IN-ONE MOLD TEMPERATURE MACHINE



### APPLICATION

- Precision Injection
- Injection Molding Mold Temperature
- Optical Lens, Lenses, CD
- Plastic Sheets, Plates, Film
- Roller
- Car Seat Foam Production Line
- Blow

### MOLDE FEATURES

- New designed, small footprint multi-function
- Temperature separately controlled, used for controlling the temperature

- for two moulds or two machines with need different temperatures
- Easy to operate and main
- Well constructed to reduce the loss of energy, with exquisite appearance
- The heating parts separated from other parts to avoid any damage caused by heat

### TECHNICAL PARAMETER

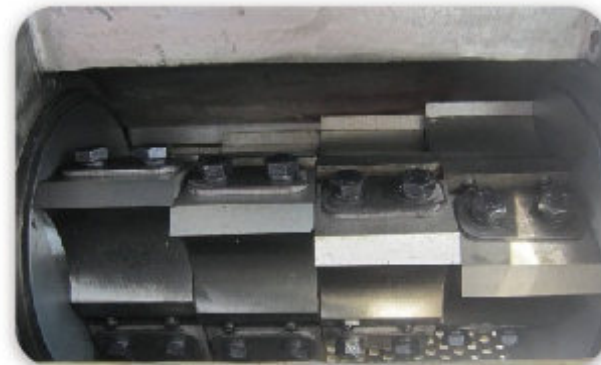
Model	(°C) Max Temp	(kW) Heating Power	(kW) Pump Power	(L/min) Pump Max Flow	(Kg/cm <sup>2</sup> ) System Pressure	(Inch) Pipe Connection Size	(mm) Dimensions	(Kg) Weight
M6KW	300	6	0.37 0.75	42 56	2.8 3.8	3/4	765×306×1300	130
M9KW		9	0.37 0.75	42 56	2.8 3.8	3/4	765×306×1300	180
M12KW		12	0.75 1.50	56 110	3.8 6.0	3/4	765×306×1300	210
M18KW		18	0.75 1.50	56 110	3.8 6.0	3/4	985×406×1440	275
M24KW		24	0.75 1.50	56 110	3.8 6.0	3/4	985×406×1440	335

# SLICE BLADE TYPE PLASTIC CRUSHER



## APPLICATION

- Crushing pipes, plates and packaging materials and other plastic products



## OPTIONAL FEATURES

- SKD-11 Blade
- Pneumatic lift system
- Automatic recovery system
- Dust separation system

## MOLDE FEATURES

- All steel welded frame, durable
- Easy to remove design, easy cleaning, and maintenance
- Imported steel cutter, sharp blade, easy to replace, durable
- Crush all kinds of soft and hard plastic, easy and easy
- Equipped with motor overrun and electric chain protection system to ensure safe use
- Choices of different blades and screen mesh

## TECHNICAL PARAMETER

Model	PP400	PP500	PP600	PP700	PP800	PP1000	PP960	
(HP) Power	10	15/20	20/30	20/30	30/40/50	50/60/75	50/60	
(PCS) Number Blade	12	15	18	21	24	33	27	
(PCS) Number Blade	2	2	2	2	4	4	4	
(MM)Crushing Chamber	410×235	515×290	615×320	715×320	815×470	1015×470	960×610	
(Kg/h)Crushing Capacity	200-250	300-350	350-450	400-500	450-600	600-700	600-800	
Dimensions	L (MM)	1200	1435	1580	1610	1800	2000	1800
	W (MM)	850	1100	1100	1210	2000	2200	1800
	H (MM)	1340	1550	1650	1740	2340	2340	2700
(Kg) Weight	500	900	1100	1100	2000	2500	3000	

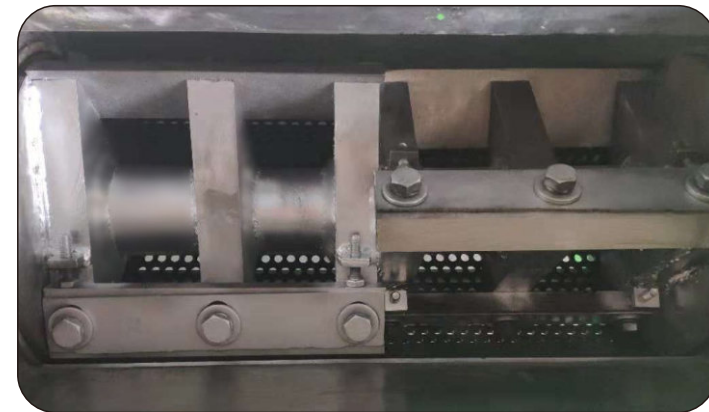


# FLAT BLADE TYPE PLASTIC CRUSHER



## APPLICATION

- Crushing boxes, thin tubes, blow molded parts, bottles and shells and other plastic products



## OPTIONAL FEATURES

- SKD-11 Blade
- Pneumatic lift system
- Automatic recovery system
- Dust separation system

## MOLDE FEATURES

- All steel welded frame, durable
- Easy to remove design, easy cleaning, and maintenance
- Imported steel cutter, sharp blade, easy to replace, durable
- Crush all kinds of soft and hard plastic, easy and easy
- Equipped with motor overrun and electric chain protection system to ensure safe use
- Choices of different blades and screen mesh

## TECHNICAL PARAMETER

Model	PD400	PD500	PD600	PD700	PD800	PD960	PD1000	PD1100	PD1200	
(HP) Power	10	15/20	20/30	30	30/40/50	50/60	50/60/75	75/100	100/120	
(PCS) Number Blade	3/6	3/6	6	6	6/6	9	9	12	10	
(PCS) Number Blade	2	2	2/4	2/4	4	4	4	4	4	
(MM)Crushing Chamber	410×235	515×290	615×320	715×320	815×470	960×610	1015×470	1100×800	1200×700	
(Kg/h)Crushing Capacity	200-300	300-400	300-450	400-500	450-600	600-800	600-700	800-1000	1000-1500	
Dimensions	L (MM)	1200	1435	1580	1610	1750	1950	2000	2550	2050
	W (MM)	850	1100	1100	1210	1540	1750	2200	2000	2250
	H (MM)	1340	1550	1650	1740	2340	2700	2340	3400	3010
(Kg) Weight	515	900	1050	1400	2000	3000	2500	4600	5000	



# CLAW BLADE TYPE PLASTIC CRUSHER



## APPLICATION

- Crushing all kinds of rigid plastics and other plastic products



## OPTIONAL FEATURES

- SKD-11 Blade
- Pneumatic lift system
- Automatic recovery system
- Dust separation system

## MOLDE FEATURES

- All steel welded frame, durable
- Easy to remove design, easy cleaning, and maintenance
- Imported steel cutter, sharp blade, easy to replace, durable
- Crush all kinds of soft and hard plastic, easy and easy
- Equipped with motor overrun and electric chain protection system to ensure safe use
- Choices of different blades and screen mesh

## TECHNICAL PARAMETER

Model	PZ500	PZ600	PZ700	PZ800	PZ960	
(HP) Power	15/20	30	30/40	50/60	60/70	
(PCS) Number Blade	15	18	21	24	27	
(PCS) Number Blade	2	2	2	4	4	
(MM)Crushing Chamber	515×290	615×320	715×320	815×470	960×600	
(Kg/h)Crushing Capacity	300-400	400-500	450-600	600-800	800-1050	
Dimensions	L (MM)	1430	1580	1610	1800	1800
	W (MM)	1100	1100	1210	2000	1800
	H (MM)	1550	1650	1740	2340	2700
(Kg) Weight	900	1180	1800	3000	4700	



# V BLADE TYPE PLASTIC FILM CRUSHER

## MOLDE FEATURES

### APPLICATION

- Crushing all kinds of film, plastic bags and other plastic products

### OPTIONAL FEATURES

- SKD-11 Blade
- Pneumatic lift system
- Automatic recovery system
- Dust separation system

- All steel welded frame, durable
- Easy to remove design, easy cleaning, and maintenance
- Imported steel cutter, sharp blade, easy to replace, durable
- Crush all kinds of soft and hard plastic, easy and easy
- Equipped with motor overrun and electric chain protection system to ensure safe use
- Choices of different blades and screen mesh



## TECHNICAL PARAMETER

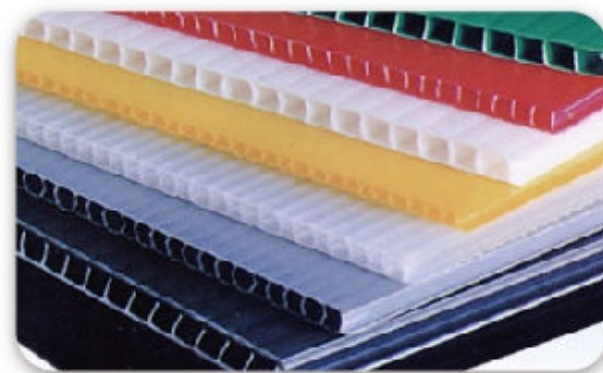
Model	PV500	PV600	PV700	PV800	PV1000	PV960	
(HP) Power	15/20	20/30	30/40	50/60	50	60/70	
(PCS) Number Blade	6	6	6	6	9	9	
(PCS) Number Blade	2	2	2	4	4	4	
(MM)Crushing Chamber	515×290	615×320	715×320	815×470	1015×470	960×600	
(Kg/h)Crushing Capacity	Depending on the size of the optional sieve mesh aperture						
Dimensions	L (MM)	1430	1580	1610	1800	2000	1800
	W (MM)	1100	1100	1210	2000	2200	1800
	H (MM)	1550	1650	1740	2340	2340	2700
(Kg) Weight	900	1180	1800	3000	2500	4700	

# SOUNDPROOF TYPE PLASTIC CRUSHER



## APPLICATION

- Crushing pipes, plates and packaging materials and other plastic products



## OPTIONAL FEATURES

- SKD-11 Blade
- Pneumatic lift system
- Automatic recovery system
- Dust separation system

## MOLDE FEATURES

- All steel welded frame, durable
- Easy to remove design, easy cleaning, and maintenance
- Imported steel cutter, sharp blade, easy to replace, durable
- Crush all kinds of soft and hard plastic, easy and easy
- Equipped with motor overrun and electric chain protection system to ensure safe use
- Choices of different blades and screen mesh

## TECHNICAL PARAMETER

Model	JY400	JY500	JY600	JY700	JY800	JY960	
(HP) Power	10	15/20	20/30	30	30/40/50	50/60	
(PCS) Number Blade	12	15	18	21	24	27	
(PCS) Number Blade	2	2	2	2	4	4	
(MM)Crushing Chamber	410×235	515×290	615×320	715×320	815×470	960×610	
(Kg/h)Crushing Capacity	200-250	300-350	350-450	400-500	450-600	600-800	
Dimensions	L (MM)	1200	1435	1580	1610	1750	1800
	W (MM)	850	1100	1100	1210	1540	1800
	H (MM)	1290	1550	1720	1650	2380	2900
(Kg) Weight	800	1000	1350	1600	2500	3500	

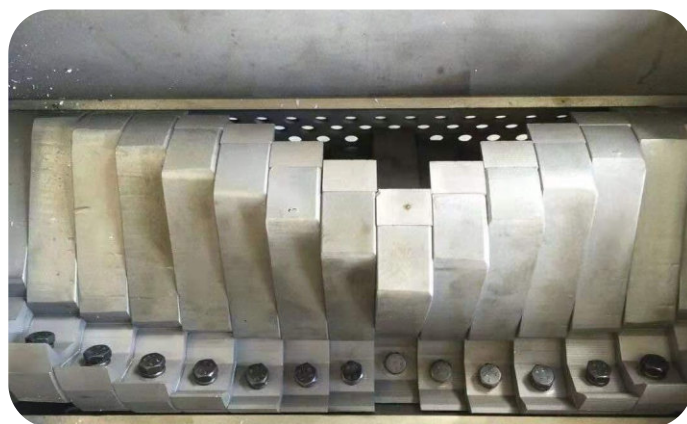


## MEDIUM SPEED MACHINE SIDE PLASTIC CRUSHER



### APPLICATION

- Plastic material edges, scrap, water vents, semi-finished products and other materials produced during injection molding



### TECHNICAL PARAMETER

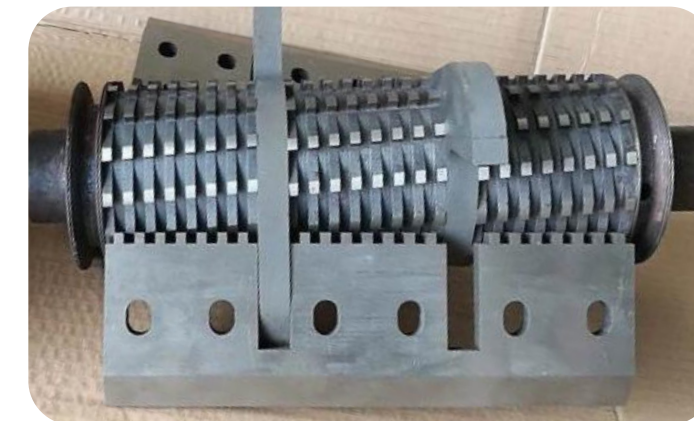
Model	(MM)Crushing Chamber	(Kg/h)Crushing Capacity	(PCS) Number Blade	(PCS) Number Blade	(KW) Power	(MM) Dimensions	(Kg) Weight
PJB3000-10	234×285	70-150	10	4	3.7	800×500×	160
PJB3000-15	234×420	100-200	15	4	3.7	900×500×1200	200

## SLOW SPEED MACHINE SIDE PLASTIC CRUSHER



### APPLICATION

- Plastic material edges, scrap, water vents, semi-finished products and other materials produced during injection molding

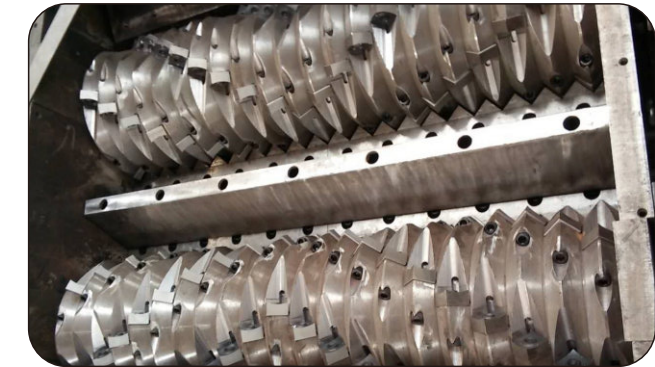


### TECHNICAL PARAMETER

Model	(MM)Crushing Chamber	(Kg/h)Crushing Capacity	(PCS)Number Blade	(PCS)Number Blade	(KW) Power	(MM) Dimensions	(Kg) Weight
PCJ250	315×248	15-20	2	6	1.1	900×450×1200	205
PCJ310	315×315	20-25	2	6	1.5	1100×500×1480	275
PCJ420	410×315	25-30	3	8	2.2	1200×500×1560	315



# PLASTIC SHREDDER



## TECHNICAL PARAMETER

Model		DA600	DA800	DA1000	DA1200	DA1300	SD600	SD800	SD1000	SD1200	SD1500
Output	Kg/h	Single Shaft Shredding Machine					Double Single Shaft Shredder				
		200 300	300 800	800 1000	1200 1400	1000 1500	500 600	600 800	1000 1500	1500 2000	4000 6000
Power	kW	22	37	45	75	75	22×2	37×2	45×2	75×2	90×2
(PCS) Number Blade		2	2	2	2	2	2	2	2	2	2
(PCS) Number Blade		26	46	58	72	76	26×2	46×2	58×2	72×2	72×2
Blade material		SKD-11									
Hydraulic stroke	mm/kW	750/2.2	900/2.2	900/2.2	800/2.2	1100/2.2	-	-	-	-	-
Rotor diameter	mm	280	400	400	420	420	280	400	400	420	420
Spindle speed	r/min	83	83	83	83	83	83	83	83	83	83
Standard screen	mm	50	50	50	50	50	100	100	100	100	-
Standard motor		Wuxi ZhuoLi									
Electrical appliances		DELIXI									
Dimensions	L (mm)	2800	3200	3700	4300	4300	1800	2000	2200	2400	2600
	W (mm)	1500	1700	1900	2100	2150	1500	1800	1950	2100	2200
	H (mm)	1950	2100	2200	2200	2200	1900	1900	1900	2100	2300
Weight	Kg	4000	4800	5300	6000	6000	3000	3500	5200	7000	8000

### APPLICATION

- Shred all kinds of plastic, rubber, tires, fibers, waste electrical appliances, waste cables, industrial waste and other solid or hollow material



### MOLDE FEATURES

- Heavy-moving knives with high crushing efficiency, knives and fixed knives are made of alloy steel casting with solid, long service life
- Easy to change tools
- Easy to adjust, low maintenance, economical and durable
- High torque resistance and very strong
- Material size can be adjusted according to the size of the screen mesh

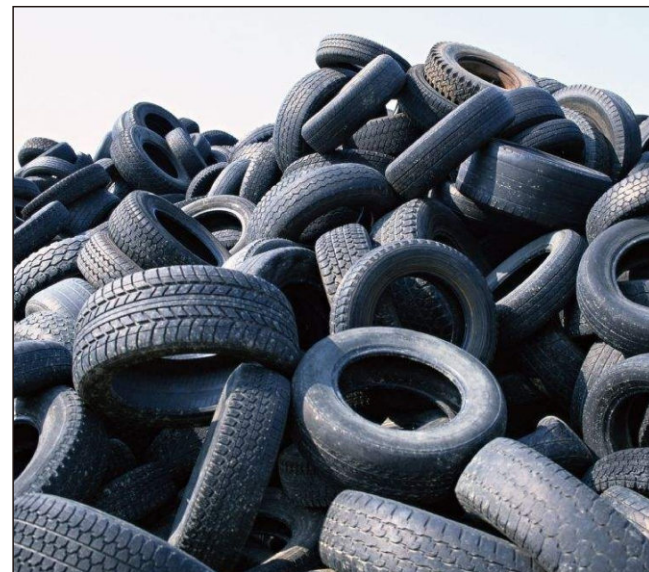


# PLASTIC SHREDDER

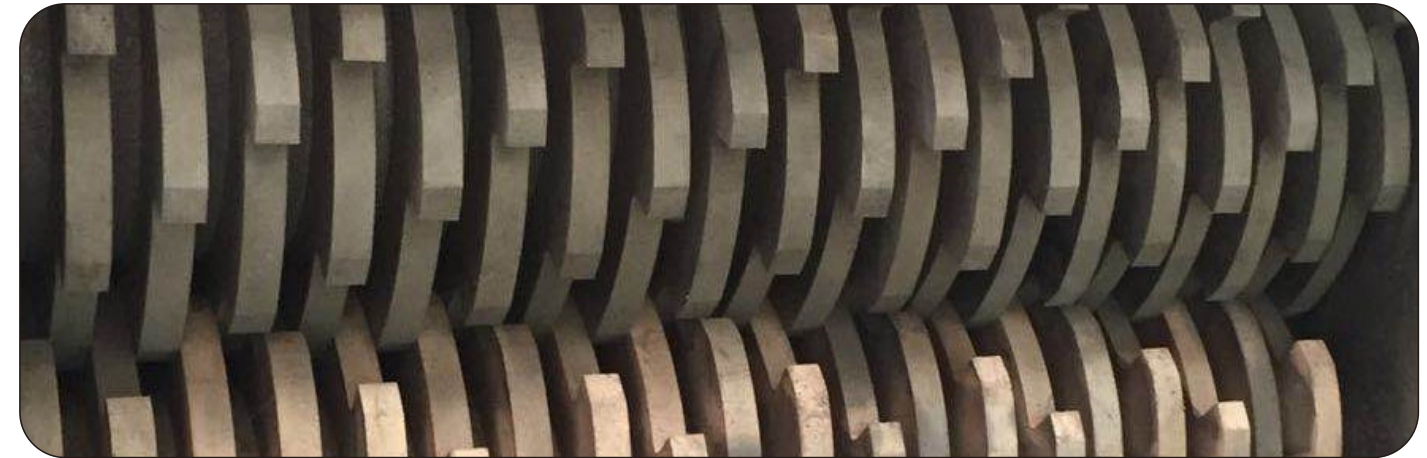


## MOLDE FEATURES

- Shred all kinds of plastic, rubber, tires, fibers, waste electrical appliances, waste cables, industrial waste and other solid or hollow material



- Heavy-moving knives with high crushing efficiency, knives and fixed knives are made of alloy steel casting with solid, long service life
- Easy to change tools
- Easy to adjust, low maintenance, economical and durable
- High torque resistance and very strong
- Material size can be adjusted according to the size of the screen mesh



## TECHNICAL PARAMETER

Model		S300	S400	S600	S800	S1000	S1200	S1400	S1600
Output	Kg/h	50 100	200 300	400 600	800 1000	1000 1200	1200 1500	1500 1800	1800 2500
Chamber	mm	300×300	400×400	600×600	800×700	1000×900	1200×1100	1400×1300	1600×1500
Power	kW	3×1	5.5×1 5.5×2	7.5×2	15×2	15×2	18.5×2	22×2	30×2
(PCS) Number Blade		7×2	10×2	15×2	20×2	25×2	30×2	35×2	40×2
Blade material		SKD-11							
Spindle speed	r/min	83	83	83	83	83	83	83	83
Standard motor		Wuxi ZhuoLi							
Electrical appliances		SIEMENS							
Dimensions	L (mm)	800	1600	2300	3200	3400	3600	3800	4200
	W (mm)	600	600	900	1000	1100	1200	1400	1600
	H (mm)	1100	1300	1600	1600	1700	1900	1900	2000
Weight	Kg	600	1600	2300	3000	3400	3600	5400	6500



# PLASTIC DRYER



## MOLDE FEATURES

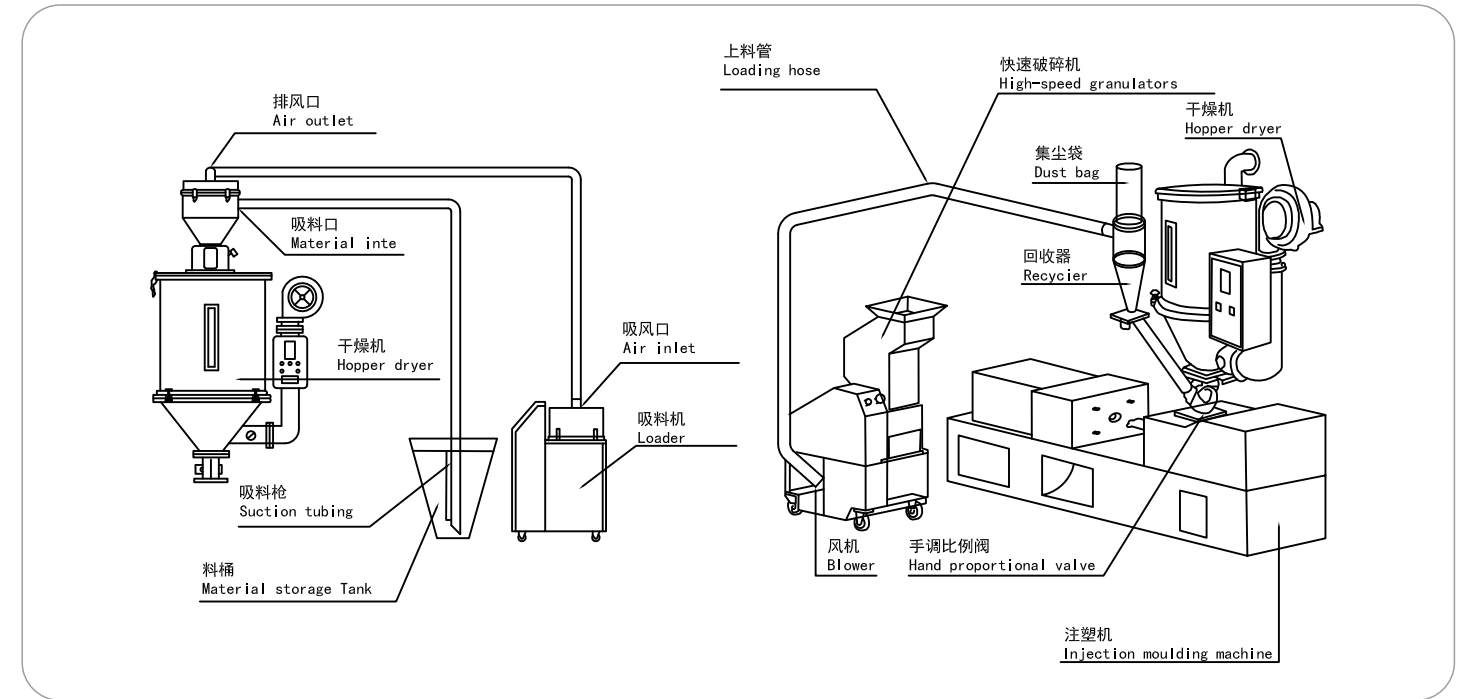
- All material contact surfaces are made of stainless steel to avoid material contamination
- Precise aluminum casting hopper barrel features smooth surface & good performance on temperature keeping
- Silent fan, optional wind filter, to ensure that raw materials from pollution
- Hopper barrel is fitted with see-through windows to observe inside material level
- Hopper barrel separated from its base for easy cleaning

## APPLICATION

- Hopper Dryers mainly applied to plastic material drying. Hot air is used to dry all wet materials which gain an even hot air flow to improve drying efficiency for assuring the quality of products.

## OPTIONAL FEATURES

- Magnet Seats
- Hopper Magnets
- Discharge Seats
- L Type Floor Stands
- A Type Floor Stands
- Material Suction Boxes



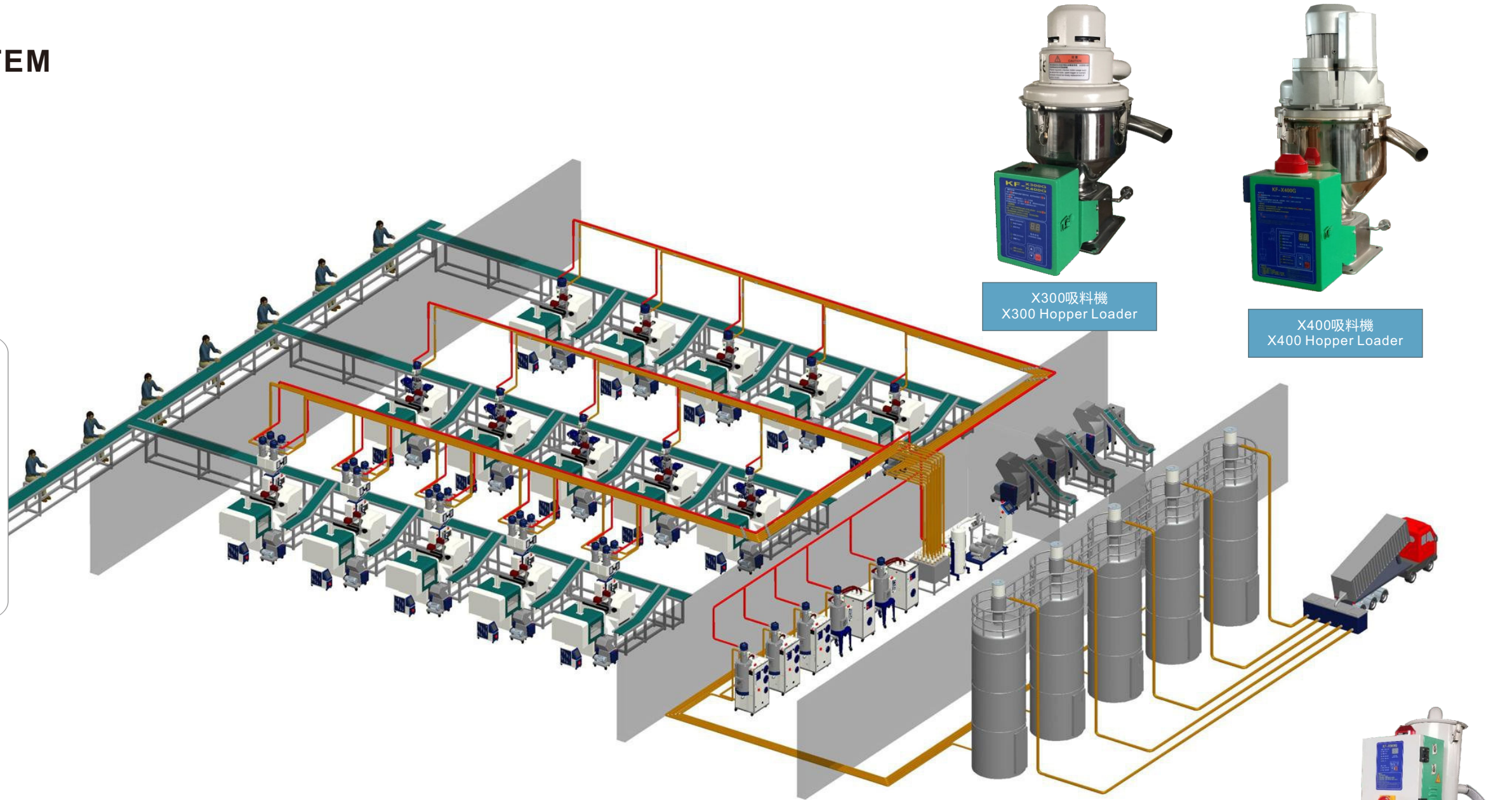
## TECHNICAL PARAMETER

Model		G15KG	G25KG	G50KG	G75KG	G100KG	G150KG	G200KG	G300KG	G400KG	G500KG	G600KG	G800KG
Hopper Capacity	Kg	15	25	50	75	100	150	200	300	400	500	600	800
Blower Power	W	50	122	157	246	246	350	350	400	400	750	1000	2000
Heating Capacity	kW	2.2	3	3.9	4.2	6	6	12	15	15	18	20	24
drying Temperature		125°C											
Barrel Diameter	mm	Φ320	Φ350	Φ430	Φ468	Φ550	Φ630	Φ700	Φ750	Φ800	Φ800	Φ990	Φ1090
(mm) Dimensions	L	640	795	880	1020	1080	1120	1250	1300	1400	1450	1600	1700
	W	430	465	590	620	700	760	850	920	1040	1100	1150	1330
	H	780	780	965	1055	1250	1370	1480	1740	1760	1800	2150	2660
Weight	Kg	22	34	38	48	59	78	110	152	170	210	280	380

# CENTRAL FEEDING SYSTEM

## OVERVIEW

Central feeding dehumidification system is to achieve the centralized processing of raw materials, closed transmission, and completely avoid workshop noise, dust, hot air pollution. To solve the raw material duplication of manual handling of the high cost and due to negligence caused by incomplete drying of the problem, will not mix with other materials not allowed, the most important thing is to reduce procurement, power consumption, maintenance costs, improve product quality, improve work efficiency.



Main System	Brand System	Related Equipment
Control System (Touch-Screen Control Panel)	Material Conveying	Roots Blower, Air Cut-Off Valve, Material Cut-Off Valve, Hoppers, Vortex Cyclone+Butterfly Valve, Material Selector, Stainless Tubes
	Dehumidifying & Drying	Hopper Dryers & Dehumidifying Dryers
	Mold Temperature Controlling	Mold temperature controller, Industrial Chillers
	Auto-Dosing Mixing	Master-Batch Feeders, Auto-Dosing Mixer (ADM)
	Instant Recycling	Crushers, Proportional Valves



# HOPPER LOADER



## APPLICATION

• It is widely applied to transportation of raw materials such as food, chemical, pharmaceutical, plastic, non-woven, chemical fiber and other industries.



## MOLDE FEATURES

- Simple operation, easy maintenance, automatic electric operation program
- Stainless steel hopper
- Motor protector
- Automatic alarm for overload and lack of material
- Independent filter for easy cleaning
- Optional electric eye detection directly when installing machine hopper



## TECHNICAL PARAMETER

Model		X300G	X400G	X700G	X800G	X800G2	X900G	X900G2	
Motor	Type	Brushes	Induction	Brushes	Induction				
	Power	kW	1.12	0.75	1.12	1.12	1.50	1.12	1.50
Conveying Capacity		Kg/h	300	330	310	450	590	450	500
Lift		m	3.5	4	4	4	5	4	4
Capacity		L	7.5	12	7.5	12	12	12	24
Pipe Diameter		mm	φ38						
Dimensions	L (mm)	390	450	400	420	500	510	510	
	W (mm)	390	370	480	460	400	370	370	
	H (mm)	590	660	700	700	720	670	670	
Weight		Kg	12	27	20	57	76	55	58

Model		X900G3	X900G5	X900G7.5	X900G10	X900G2-2	X900G3-2	
Motor	Type	Induction				One To Two / One To Four		
	Power	kW	2.24	3.73	5.60	7.50	1.50	2.24
Conveying Capacity		Kg/h	590	820	960	1300	500	590
Lift		m	5	5	5	5	4	5
Capacity		L	12	24	51	51	12×2	
Pipe Diameter		mm	φ38	φ50			φ38	
Dimensions	L (mm)	540	540	580	580	510	540	
	W (mm)	560	620	600	600	370	560	
	H (mm)	1230	1230	1600	1600	670	1230	
Weight		Kg	66	89	93	101	61	68



## VERTICAL COLOR MIXER



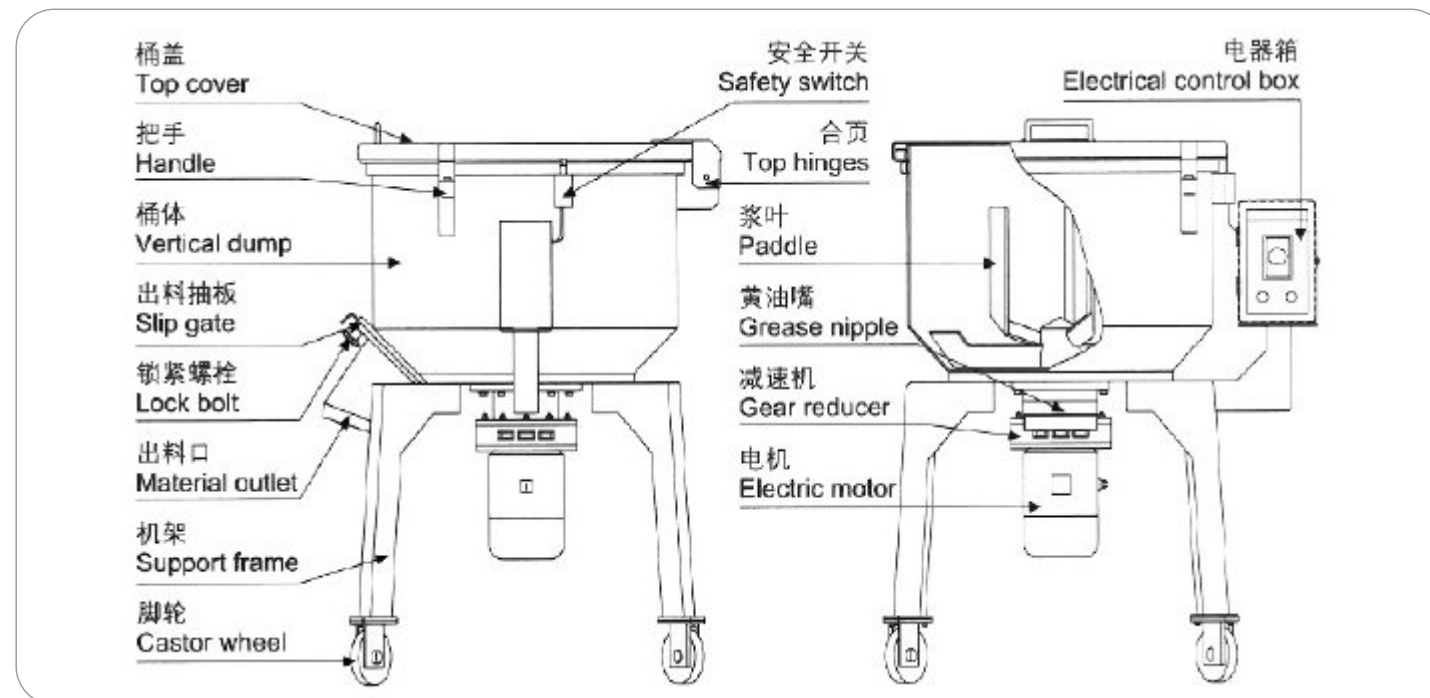
### APPLICATION

- Is mixed with all kinds of plastic raw materials and color mixing, the old and new material and color mixing effect is better

### MOLDE FEATURES

- Barrel is made of imported stainless steel, the welding is durable, the surface is smooth and the cleaning is convenient
- Strong mixing, a short time to complete the uniform mix, low energy consumption, high efficiency
- Cycloid reducer motor, low noise, durable
- Fully sealed design, work without dust pollution
- Timer can be selected for mixing time 0 to 30 minutes
- Barrel lid, barrel bottom stamping molding, with precision, more durable

## HIGH SPEED MIXER



### TECHNICAL PARAMETER

#### Vertical Mixer

Model		HL50KG	HL100KG	HL150KG	HL200KG	HL300KG
Capacity	Kg	50	100	150	200	300
Power	kW	1.5	3	4	7.5	7.5
Dimensions	L (mm)	830	1000	1130	1200	1300
	W (mm)	830	1000	1130	1200	1300
	H (mm)	1120	1280	1350	1400	1500
Weight	Kg	125	180	270	300	370

#### Horizontal Mixer

Model		HW100KG	HW150KG	HW200KG
Capacity	Kg	100	150	200
Power	kW	3	4	5.5
Weight	Kg	180	260	300

#### High-speed Mixer

Model		HG50KG	HG100KG	HG200KG
Capacity	Kg	50	100	200
Power	kW	7.5	15	22
Weight	Kg	230	270	700

# PLASTIC MIXER



## APPLICATION

• Is mixed with all kinds of plastic raw materials and color mixing, the old and new material and color mixing effect is better

## WORKING PRINCIPLE

• With the rapidly rotating screw to raw material from the bottom of the barrel from the center to the top, and then to gather the scattered, back to the bottom, so that the material in the barrel roll up and down within a short period of time can be a large amount of raw materials mixed evenly

## MOLDE FEATURES

- Spiral cycle stirring, blending of raw materials more evenly and quickly
- Mixed strength, short time to complete the uniform mixture, low energy, high efficiency
- Equipment and raw materials contact part of the material are all stainless steel production, cleaning easy to avoid corrosion
- Full seal design, no dust pollution at work
- Timer can choose mixing time 0-30 minutes
- Equipped with electric control safety protection devices to ensure safe operation



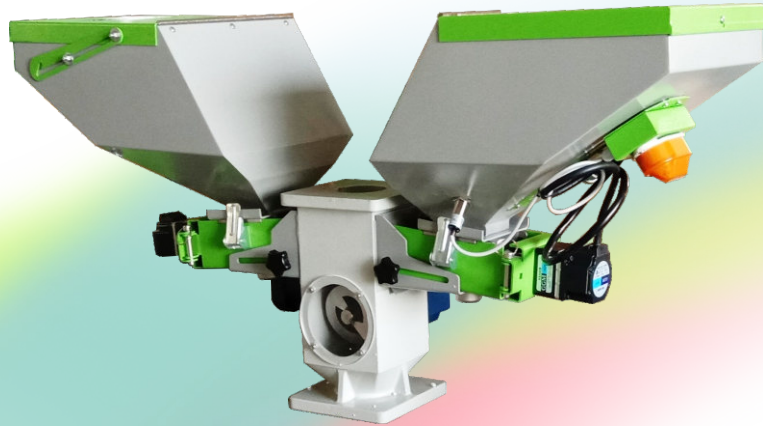
## TECHNICAL PARAMETER

Model		JB500L	JB1000L	JB2000L	JB3000L	JB4000L	JB5000L	JB6000L	JB8000L	JB10000L	JB12000L	JB15000L
Capacity	Kg	500	1000	2000	3000	4000	5000	6000	8000	10000	12000	15000
Power	kW	3	4	5.5	5.5	7.5	7.5	12	12	12	15	19
Heating Capacity (Optional)	kW	15	15	20	20	30	30	-	-	-	-	-
Speed	r/min	400	330	330	390	400	400	400	400	420	420	420
Dimensions	Φ(mm)	1100	1300	1700	2100	2100	2300	2500	2750	3000	3100	3200
	H(mm)	2160	2670	3310	3560	3650	3660	4500	5100	5350	5500	6500
Weight	Kg	450	630	1050	1250	1500	1700	1860	2230	2600	2790	3000

Model		JB500W	JB1000W	JB1500W	JB2000W	JB2500W	JB3000W	JB4000W	JB5000W
Volume	L	1000	1800	2100	3000	4100	5100	6300	8000
Power	kW	7.5	11	15	18.5	22	30	37	45
Heating Capacity (Optional)	kW	18	18	20	24	30	40	50	60
Speed	r/min	30	30	30	25	25	25	25	25
Spindle	mm	90×15	100×15	110×15	120×20	130×20	130×25	140×30	140×40
Blades	mm	60×10	80×10	80×10	100×12	100×12	110×12	120×14	120×14
Countershaft	mm	51	61	61	76	76	89	89	89
Dimensions	L(mm)	2400	2800	3200	3500	3800	4000	4300	4500
	W(mm)	1000	1200	1300	1500	1600	1700	1800	1900
	H(mm)	1700	2000	2200	2300	2500	2700	2900	3000
Weight	Kg	800	1000	1500	1800	2300	2600	3000	3500



# VOLUMETRIC DOSERS

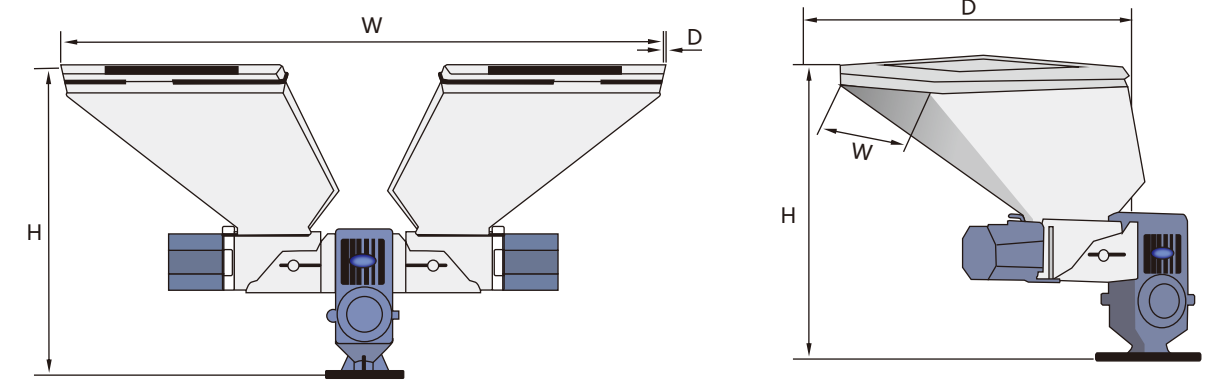


## DESCRIPTION

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

## MOLDE FEATURES

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



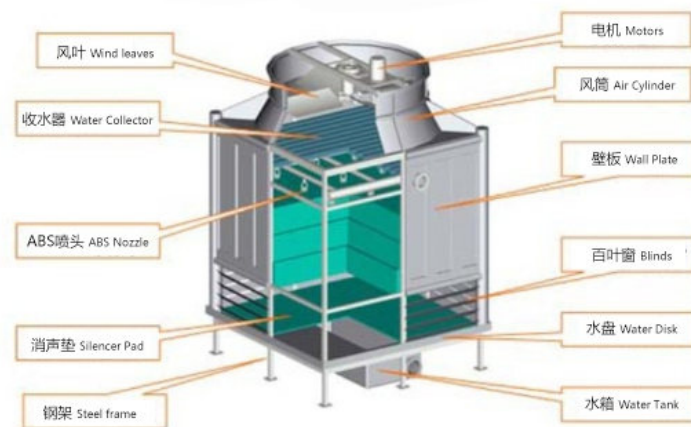
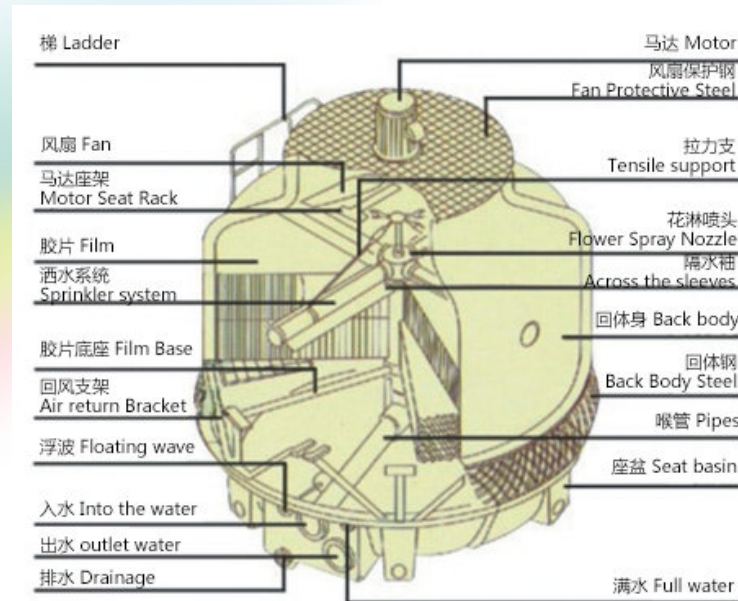
## TECHNICAL PARAMETER

Model	30-16	30-14	30-12	100-16	100-14	100-12	D-30/30	D-30/100	D-30/100
(KW) Motor Power	0.06	0.06	0.06	0.06	0.06	0.06	0.06x2	0.06x2	0.06x2
(r.p.m) Rev	0-3000	0-3000	0-3000	0-3000	0-3000	0-3000	0-3000	0-3000	0-3000
(KW) Mixer Power	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
(mm)Screw External Dia	16	14	12	16	14	12	**	**	**
kg/hr) Output Capacity	1.1-32	1.1-20	0.3-10	0.5-15	0.2-8	0.1-4	*	*	*
(L)Storage Bin	10	10	10	10	10	10	10	10	10
Gear Ratio	30:1	30:1	30:1	30:1	100:1	100:1	30:1/100:1	30:1/100:1	30:1/100:1
Main Material Hopper	Optional	Optional	Optional	Optional	Optional	Optional	Standard	Standard	Standard
Mixer	Optional	Optional	Optional	Optional	Optional	Optional	Standard	Standard	Standard
Floor Stands	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Dimensions									
H (mm)	580	580	580	580	580	580	580	580	580
W (mm)	530	530	530	530	530	530	900	900	900
D (mm)	290	290	290	290	290	290	290	290	290
(kg) Weight	29	29	29	29	29	29	50	50	50

Note:

- 1) \* \* \* means the output capacity depends on model selected, data of the single color doser can be a reference. For example: SCM-D-38-16/38-14, output capacity 1.7-52kg/hr.
- 2) \* \* \* stands for external dia. of screw is up to model selected.
- 3) Single= color volumetrics add to mixer, add "MS" the back of the model.
- 4) All output capacities from above models are based on data from density 1.2, dia. 2-3 mm masterbatch in a test criteria of continuous running.
- 5) Voltage: 1Φ, 230V, 50Hz.

# FRP COOLING TOWER

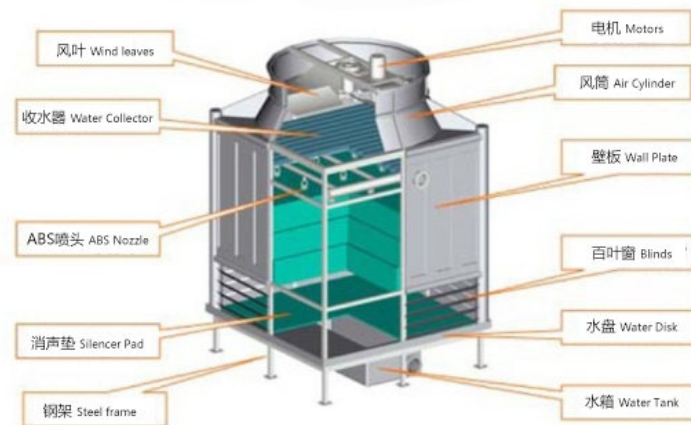
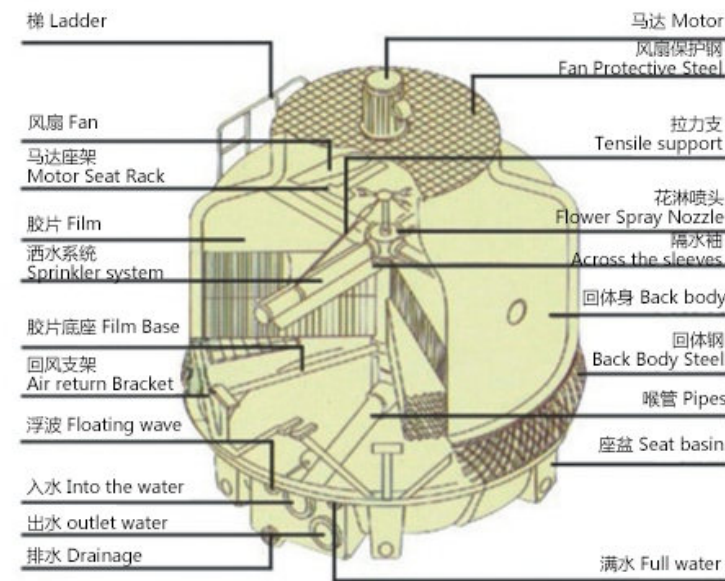


## TECHNICAL PARAMETER

Model	(m <sup>3</sup> /h) Flow	Dimension		(mm) Fan Diameter	KW Motor	DRY	WET	Db(A) Noise	Inlet	Out	(mm)Piping Connection			
		Diameter	Height								Overflow	Drain	Auto Feed	Quick Feed
10T	7.8	1060	1065	630	0.18	50	195	62	40	40	25	25	15	
15T	11.7	1060	1750	630	0.18	54	290	62.5	40	40	25	25	15	
20T	15.6	1170	1770	630	0.37	67	300	63	50	50	25	25	15	
25T	19.5	1400	1870	770	0.55	98	500	63	80	80	25	25	15	
30T	23.4	1650	1870	770	0.55	116	530	63	80	80	25	25	15	
40T	31.2	1650	1980	770	0.75	130	550	63	80	80	25	25	15	
50T	39.2	1830	2020	930	1.5	200	975	63.5	80	80	25	25	15	
60T	46.8	2100	2150	1170	1.5	250	1250	63.5	100	100	25	25	20	
80T	62.4	2100	2260	1170	1.5	280	1280	64	100	100	25	25	20	
100T	78.1	2700	2400	1450	2.2	450	1650	64.5	125	125	25	25	20	
125T	97.5	2700	2400	1450	2.2	540	1740	65.5	125	125	25	25	20	
150T	117	3000	2550	1450	2.2	580	1780	66	150	150	25	25	20	
175T	136.8	3300	2750	1750	4	760	1860	66	150	150	25	25	20	
200T	156.2	3300	2750	1750	4	780	1880	66	150	150	25	25	20	25
225T	175.5	4100	3620	2100	5.5	1050	2770	66.5	200	200	80	80	25	25
250T	195.1	4100	3620	2100	5.5	1080	2800	67	200	200	80	80	25	25
300T	234	4640	3680	2400	7.5	1760	3790	67.5	200	200	80	80	25	25
350T	273.2	4640	3680	2400	7.5	1800	3930	68	200	200	80	80	25	25
400T	312.1	5500	4070	2700	11	2840	5740	68	200	200	80	80	40	40
500T	392.4	5500	4070	2700	11	2900	5800	68.5	250	250	80	80	40	40
600T	468	6600	4560	3400	15	3950	9350	68.5	250	250	100	100	50	50
700T	547.2	6600	4560	3400	18.5	4050	9450	69	250	250	100	100	50	50
800T	626.4	7600	4720	3700	22	4700	11900	70	300	300	100	100	50	50
1000T	781.2	7600	4720	3700	22	4900	12100	70.5	300	300	100	100	50	50



# FRP COOLING TOWER



## TECHNICAL PARAMETER

Model	(m³/h) Flow	Dimension		Exhaust Fan			Weight	
		(W) Width	(H) Height	mm Diameter	m³/h Air Volume	KW Moter	DRYT	WETT
100T	100	2450	4400	1800	61000	3.0	1.0	1.9
150T	150	2850	4450	2100	92000	4.0	1.5	3.2
175T	175	3000	4500	2400	105000	4.0	1.7	3.4
200T	200	3350	4650	2600	120000	5.5	1.9	3.7
250T	250	3650	5150	2800	150000	5.5	2.2	4.5
300T	300	4100	5400	3200	180000	7.5	2.9	5.7
350T	350	4400	5550	3400	210000	7.5	3.2	6.1
400T	400	4700	5700	3700	240000	11.0	3.9	6.8
500T	500	5250	5850	4000	300000	15.0	4.9	10.5
600T	600	6050	6250	4000	360000	18.5	6.7	12.0
700T	700	6650	6050	4200	420000	22.0	7.8	13.3
800T	800	6950	6450	4200	480000	22.0	9.3	17.9
1000T	1000	7550	6850	4700	600000	30.0	9.9	19.3

Model	mm Water Inlet	mm Water Outlet	mm Overflow	mm Drain	mm Manual Feed	Noise	Pressure of Inlet Water
100T	150	150/200	50	50	25	61.0	55
150T	150	150/200	80	80	25	61.0	57
175T	200	200/250	80	80	40	62.0	58
200T	200	200/250	80	80	40	62.5	58
250T	200	250/300	80	80	40	63.0	56
300T	250	250/300	100	100	50	63.5	58
350T	250	250/300	100	100	50	64.0	59
400T	300	300/350	100	100	50	64.0	60
500T	300	300/350	100	100	50	65.0	60
600T	350	300/350	100	100	80	65.5	62
700T	350	350/400	125	125	80	67.0	63
800T	400	400/450	125	125	80	68.0	66
1000T	400	400/450	125	125	80	69.0	68

# “THREE-IN-ONE” COMPACT DRYERS



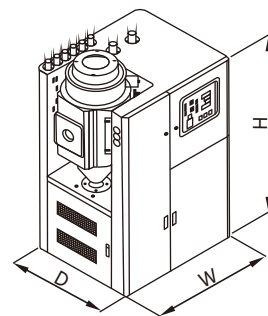
## DESCRIPTION

The SV series "Three-in-One" compact dryers combine drying, dehumidifying, and two-stage conveying functions in a single unit. They are suitable for drying hygroscopic engineering plastics, such as PA, PC, PBT, PET etc. A honeycomb rotor is used in the dehumidifying section.

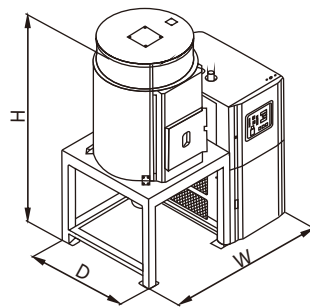
## MOLDE FEATURES

- SV series compact dryers are equipped with honeycomb rotor for dehumidifying. They have two kinds of design: Fully-integral and semi-integral depending on the size.
- Suitable for drying hygroscopic engineering plastics such as PA, PC, PBT PET etc.
- Integration of dehumidifying, drying, and two-stage conveying functions in a single unit. Three-stage conveying is also available as an option.

- Insulated drying hopper features dry air down-blowing and cyclone exhaust design. This improves drying efficiency and reduces energy consumption which maintaining a steady drying effect.
- Closed-loop conveying system eliminates the possibility of moisture reabsorption during material conveying.
- The dehumidifying section of KF series features two condensers to ensure a low return air temperature and low dew-point.
- Equipped with pneumatic shut-off valve to ensure no material remains in the material line after each loading cycle.
- Material processing is controlled via microprocessor as standard with touch screen PLC control as an option for centralised and automatic operation.
- Dew-point monitor can be fitted to monitor and display dry air dew-point.



fully enclosed



semi-closed

## TECHNICAL PARAMETER

Model	20L/30H	40L/30H	40L/50H	80L/50H	120L/80H	160L/80H	160L/120H	230L/120H	230L/150H	300L/150H	300L/200H	450L/200H
<b>Drying System</b>												
(KW) Process Heater Power	3	3	3.9	3.9	6	6	6	6	7.2	7.2	7.2	7.2
( KW) Process Blower Power	0.18	0.4	0.4	0.4	0.75	0.75	0.75	0.75	1.5	1.5	1.5	1.5
( L) Drying Hopper Capacity	20	40	40	80	120	160	160	230	230	300	300	450
<b>Dehumidifying System</b>												
(KW) Regen.Heater Power	3	3	3	3	3.5	3.5	3.5	3.5	4	4	5.4	5.4
( KW) Regen.Blower Power	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.4	0.4	0.4	0.4
( m <sup>3</sup> /hr) Dry Air Capacity	30	50	50	50	80	80	120	120	150	150	200	200
<b>Conveying System</b>												
( KW) Conveying Blower Power	0.75	0.75	0.75	0.75	0.75	0.75	0.75	1.5	1.5	1.5	1.5	1.5
(Inch) Dia. Of Conveying Hose	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
THR-U-E ( L) THR-U-E Hopper Receiver	3	3	3	6	6	6	6	12	12	12	12	12
THR-U ( L) THR-U Hopper Receiver	3	3	3	6	6	6	6	12	12	12	12	12
<b>Dimensions</b>												
H (mm)	1490	1550	1550	1800	1990	1860	1860	2070	2130	2160	2160	2350
W (mm)	1000	1040	1040	1105	1115	1190	1190	1190	1425	1460	1460	1460
D (mm)	875	875	875	875	835	875	875	875	1015	1020	1020	1020
(Kg) Weight	305	325	335	325	340	385	505	515	540	560	565	595

Model	450L/300H	600L/300H	600L/400H	750L/400H	750L/500H	900L/500H	900L/700H	1200L/700H
<b>Drying System</b>								
(KW) Process Heater Power	15	15	18	18	21	21	24	24
( KW) Process Blower Power	2.4	2.4	3.75	3.75	5.5*	5.5*	5.5	5.5
( L) Drying Hopper Capacity	450	600	600	750	750	900	900	1200
<b>Dehumidifying System</b>								
(KW) Regen.Heater Power	7.2	7.2	7.2	7.2	10	10	10	10
( KW) Regen.Blower Power	0.75	0.75	0.75	0.75	1.5	1.5	1.5	1.5
( m <sup>3</sup> /hr) Dry Air Capacity	300	300	400	400	500	500	700	700
<b>Conveying System</b>								
( KW) Conveying Blower Power	1.5	1.5	1.5	1.5	1.5	2.4	2.4	2.4
(Inch) Dia. Of Conveying Hose	1.5	1.5	1.5	1.5	1.5	2	2	2
THR-U-E ( L) THR-U-E Hopper Receiver	12	12	12	12	12	24	24	24
THR-U ( L) THR-U Hopper Receiver	12	12	12	12	12	24	24	24
<b>Dimensions</b>								
H (mm)	2480	2380	2380	2610	2760	2640	2640	3070
W (mm)	1490	1745	1745	1745	2140	2140	2140	2140
D (mm)	1255	1255	1255	1255	1380	1380	1380	1380
(Kg) Weight	600	635	640	690	710	820	850	900

Note:  
1) "\*" stand for by-pass at blower air outlet.  
2) Powersupply:3Φ,400V,50Hz



# “THREE-IN-ONE” COMPACT DRYERS



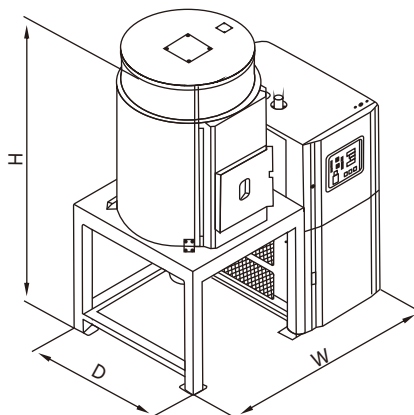
## DESCRIPTION

The SV series dehumidifying dryer combine a dehumidifying and drying system in a single unit. They have many applications in processing plastic materials such as PA, RC, PBT PET etc. We offer two types of honeycomb rotors:H4 and H5 models that, under ideal conditions, can supply dehumidified dry air with a dew-point down to -40and -50 respectively. All models feature KF-H honeycomb dehumidifiers with built-in process heater, and insulated drying hopper. The KF series offers accurate PID temperature control as standard, with LCD touch screen, dew-point monitor, and hopper loaders as optional feature.

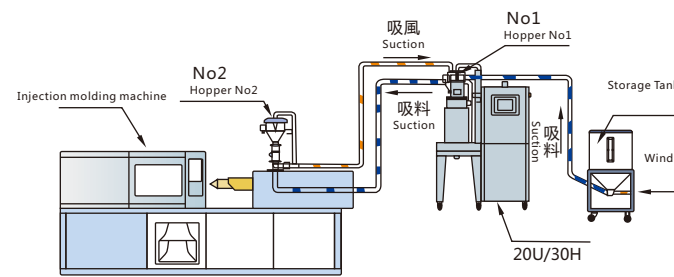
- Material processing is controller via microprocessor as standard,with touch screen PLC control as an option for more convenient control.
- Insulated drying hopper features dry air downblowing and cyclone exhaust design. This improves drying efficiency and reduces energy consumption whilst maintaining a steady drying effect.
- Compact in size for ease of movement and space saving.
- The dehumidifying section of the KF series features two condensers to ensure a low return air temperature and low dew-point.
- Dew-point monitor can be fitted to check dry air dew-point.
- Optional suction box and hopper loader for added convenience when conveying material.

## MOLDE FEATURES

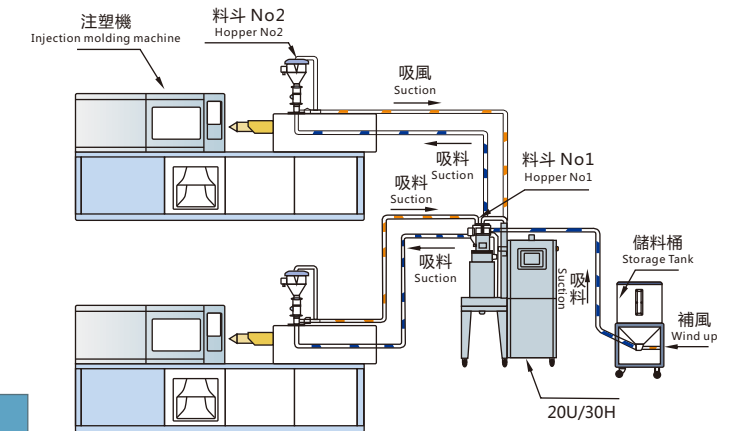
- The SV dehumidifying dryer use honeycomb dehumidifiers with an eye-catching semi-integral appearance.
- Each model combines dehumidifying and drying functions into a single unit.



1 To 1 2stage diagram



1 To 2 3stage diagram

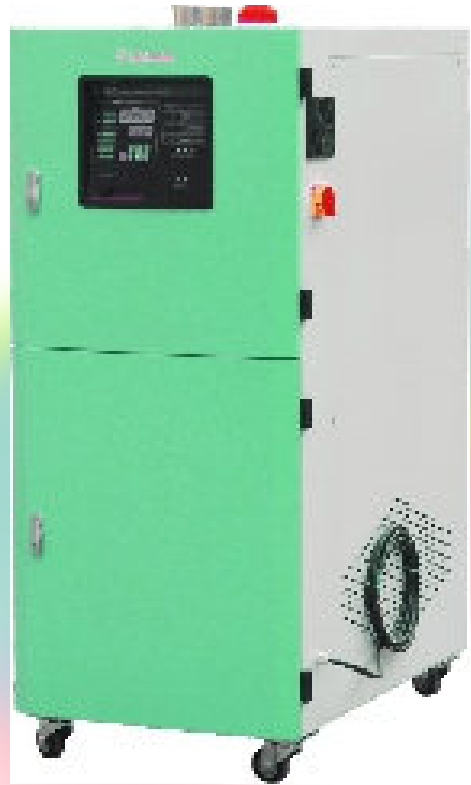


## TECHNICAL PARAMETER

Model	(KW) Regen.Heater Power	(KW) Regen.Blower Power	(KW) Process Heater Power	(KW) Process Blower Power	( m³/hr) Dry Air Capacity	(L) Drying Hopper Capacity	(mm) Dimensions	(Kg) Weight
20U/30H	3	0.18	3	0.2	30	20	1240x875x755	110
40U/30H	3	0.18	3	0.2	30	40	1300x930x755	190
40U/50H	3	0.18	3.9	0.4	50	40	1300x930x755	190
80U/50H	3	0.18	3.9	0.4	50	80	1410x1030x755	210
120U/80H	3.5	0.18	6	0.75	80	120	1780x1220x820	250
160U/80H	3.5	0.18	6	0.75	80	160	1740x1220x820	255
160U/120H	3.5	0.18	6	0.75	120	160	1740x1220x820	265
230U/120H	3.5	0.18	6	0.75	120	230	2010x1220x820	295
230U/150H	4	0.4	7.2	1.5	150	230	2150x1450x1050	375
300U/150H	4	0.4	7.2	1.5	150	300	2040x1450x1050	410
300U/200H	5.4	0.4	12	1.5	200	300	2040x1450x1050	420
450U/200H	5.4	0.4	12	1.5	200	450	2440x1450x1050	550
450U/300H	7.2	0.75	15	2.4	300	450	2480x1490x1255	580
600U/300H	7.2	0.75	15	2.4	300	600	2380x1745x1255	615
600U/400H	7.2	0.75	18	3.75	400	600	2380x1745x1255	620
750U/400H	7.2	0.75	18	3.75	400	750	2610x1745x1255	650
750U/500H	10	1.5	21	5.5	500	750	2760x2140x1380	760
900U/500H	10	1.5	21	5.5	500	900	2640x2140x1380	820
900U/700H	10	1.5	24	5.5	700	900	2640x2140x1380	830
1200U/700H	10	1.5	24	5.5	700	1200	3070x2140x1380	870

Note:  
 1) Mirror polished treatment on all material contact surfaces, add "P" at model behind.  
 2) Modified into "180and heat-preservation" add "HT" at model behind.  
 3) LCD touch screen, PLC controller add "LC" at model behind.  
 4) Suction box and hopper loader for added convenience  
 5) when conveying material

# HONEYCOMB DEHUMIDIFIERS

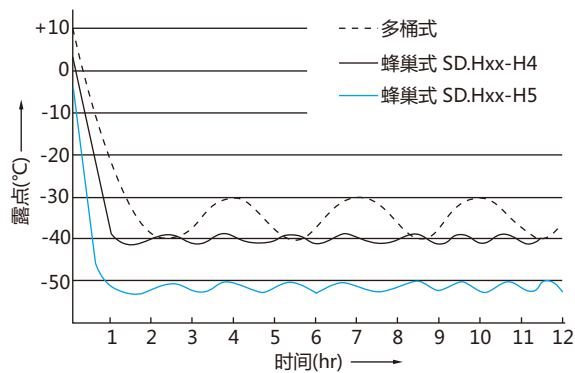


## DESCRIPTION

The SV-H series honeycomb dehumidifiers are mainly used to dry hygroscopic engineering plastics. A honeycomb-rotor is used in this series to offer effective drying. We offer two types of honeycomb rotors:H4 and H5 models that, under ideal conditions, can supply dehumidified dry air with a dew-point down to -40°C and -50°C respectively. The KF-H series offers accurate P.I.D temperature control as standard, with LCD touch screen and dew-point monitor as optional features. This series comprises 14 models of honeycomb dehumidifiers, the largest of which can provide dry air up to a volume of 4000m3/hr.

## MOLDE FEATURES

Dew-point Comparison:



- This series use P.I.D temperature control system, has regenerating temperature settings and real temperature display function.
- Equips with dehumidifying heater and temperature control gauge as options to dry and dehumidify the raw material.
- The dehumidifying system of the KF-H series features two condensers to ensure a low return air temperature and low dew-point.
- Main power switch with mechanical chain lock function.

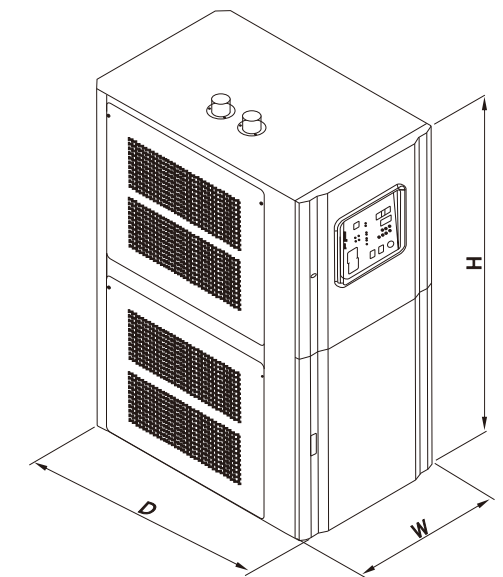
## TECHNICAL PARAMETER

Model	30H	50H	80H	120H	150H	200H	300H	400H	500H	700H	1000H	1500H	2000H	3000H
(m <sup>3</sup> /hr) Process Air Flow	30	50	80	120	150	200	300	400	500	700	1000	1500	2000	3000
(KW) Process Heater Power	3	3.9	6	6	7.2	12	15	18	21	24	32	58	80	96
(KW) Process Heater Power	0.2	0.4	0.75	0.75	1.5	1.5	3	3.4	5.5	5.5	9	9x2	13x2	13x3
(KW) Regen.Blower Power	0.2	0.2	0.2	0.2	0.4	0.4	0.75	0.75	1.5	1.5	2.4	3.4	5.5	7.5
(KW) Regen.Heater Power	3	3	3.5	3.5	4	5.4	7.2	7.2	10	10	15	20	20	30
(inch) Pipe Dia.	2"	2"	2"	2"	2.5"	2.5"	3"	3"	4"	4"	5"	6"	8"	8"
Voltage	3Φ, 400V, 50Hz													
Dimensions														
H (mm)	1260	1260	1360	1360	1560	1560	1745	1745	1935	1935	2145	2145	2060	2500
W (mm)	480	480	530	530	660	660	700	700	900	900	1300	1300	1410	1600
D (mm)	755	755	820	820	1050	1050	1255	1255	1380	1380	1550	1910	2150	2160
(Kg) Weight	80	80	120	140	215	225	240	280	290	300	400	510	630	760

Note:\*Process heater is optional to be used with a drying hopper.

Humidity and Moisture Content:

(°C) Dew-point	(%Relative Humidity	Moisture Content PPM %	
20	100	23.072	2.307
+10	52.50	12.117	1.212
0	26.10	6.027	0.603
-10	11.20	2.574	0.257
-20	4.40	1.025	0.103
-30	1.60	378	0.038
-40	0.60	128	0.013
-50	0.20	39	0.004





# EURO-HOPPER DRYER

## DESCRIPTION

The SV-U series Euro hopper dryers adopt hot air down-blowing design and use stainless steel material hoppers to avoid contamination. With this design, they are also ideally suited for use with honeycomb dehumidifiers to dry engineering plastics. There are 25 models, available, ranging from 20U to 8000U liters with airtight material cleaning door on models, available material cleaning door on models KF-80U and above. The microprocessor control featuring digital display and auto start/stop timer as standard equipment.



## MOLDE FEATURES

- Innovative design with sleek appearance.
- Hot air down-blowing design ensures even distribution of hot air to maintain a steady temperature in the hopper and increase drying efficiency.
- All material contact surfaces are made of stainless steel.

- Material clearance door seal and makes clean down more convenient and effective, (models KF-80U and above).
- Microprocessor is used for accurate temperature control.
- Overheat protection to ensure reliable operation.
- Digital P.I.D temperature control with LED display
- 7 days automatic start/stop timer to improve energy saving.
- Aluminum based as a standard equipment.
- Option accessories:magnetic base(aluminum or stainless steel),mobile floor stand, suction box,hot air recycling,exhaust air filter,blower inlet filter
- Drying hopper and hopper lid can be fully insulated for high temperature application.



KF-1500U and above Models

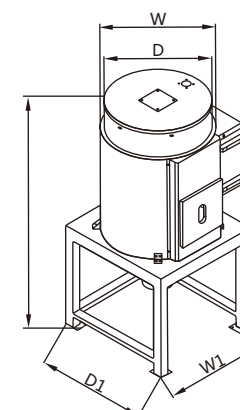


KF-80U + floor Stand and Suction Box

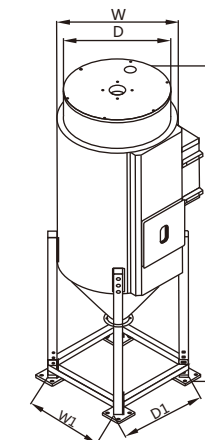
## TECHNICAL PARAMETER

Model	(KW) Heater Power	( KW) Blower	L) Hopper Capacity	mm) Dimensions (HxWxD)	mm) Floor Stand (HxWxD)	mm) Whole Height H2	mm) Air Inlet Pipe Dia	mm) Air Inlet Pipe Dia	mm) Blower Stand (H3xW3xD3)	(Kg) Weigh
20U	2.2	0.12	20	730x575x325	790x450x550	1260	2"	2"	-	40
40U	3	0.12	40	760x640x390	790x450x550	1295	2"	2"	-	45
80U	3.9	0.12	80	940x722x475	840x552x722	1465	2.5"	2.5"	-	50
120U	3.9	0.12	120	1210x722x475	840x552x722	1735	2.5"	2.5"	-	60
160U	6	0.18	160	1225x822x575	920x662x795	1825	3"	3"	-	90
230U	6	0.18	230	1505x822x575	920x662x795	2105	3"	3"	-	100
300U	12	0.25	300	1450x945x695	970x790x930	2085	3"	3"	-	130
450U	12	0.25	450	1850x945x695	970x790x930	2435	3"	3"	-	160
600U	18	0.55	600	1820x1170x915	1130x1000x1200	2470	4"	4"	-	200
750U	18	0.55	750	2100x1170x915	1130x1000x1200	2780	4"	4"	-	220
900U	24	0.55	900	2070x1340x1050	1320x1200x1200	2730	4"	4"	-	250
1200U	24	0.55	1200	2500x1340x1050	1320x1200x1200	3160	5"	5"	-	380
1500U	32	1.1	1500	2950x1542x1250	1400x1500x1500	3470	5"	5"	1210x560x700	495
2000U	32	1.1	2000	3350x1542x1250	1400x1500x1500	3870	5"	5"	1210x560x700	570
2500U	48	2.2	2500	3510x1770x1400	1500x1640x1640	4050	6"	6"	1210x560x700	620
3000U	48	2.2	3000	3910x1770x1400	1500x1640x1640	4400	6"	6"	1210x560x700	700
3500U	64	4	3500	4310x1770x1400	1500x1640x1640	4800	6"	6"	1400x680x800	785
4000U	64	4	4000	4050x1980x1600	1650x1900x1900	4550	8"	8"	1400x680x800	860
4500U	80	5.5	4500	4350x1980x1600	1650x1900x1900	4850	8"	8"	1400x680x800	940
5000U	80	5.5	5000	4650x1980x1600	1650x1900x1900	5150	8"	8"	1400x680x800	1050
5500U	96	5.5	5500	4950x1980x1600	1650x1900x1900	5450	8"	8"	1400x680x800	1120
6000U	96	5.5	6000	4350x2220x1800	1650x2100x2100	5100	8"	8"	1450x780x850	1210
6500U	112	7.5	6500	4600x2220x1800	1850x2100x2100	5350	8"	8"	1450x780x850	1285
7000U	112	7.5	7000	4850x2220x1800	1850x2100x2100	5600	8"	8"	1450x780x850	1375
8000U	128	11	8000	5350x2220x1800	1850x2100x2100	5850	8"	8"	1450x860x900	1445

Note:  
 1) For polished hopper inside, plus "P " at model behind.  
 2) Mark " HT " at the back of models when 180 high-temp is requested.  
 3) Blower is included in machine net weight, but floor stand is not included.  
 4) Powersupply:3Φ,400V,50Hz



900U-1200U/900U-1200U  
 Include Floor Stand / Include Floor Stand



1500U-8000U  
 Include Floor Stand

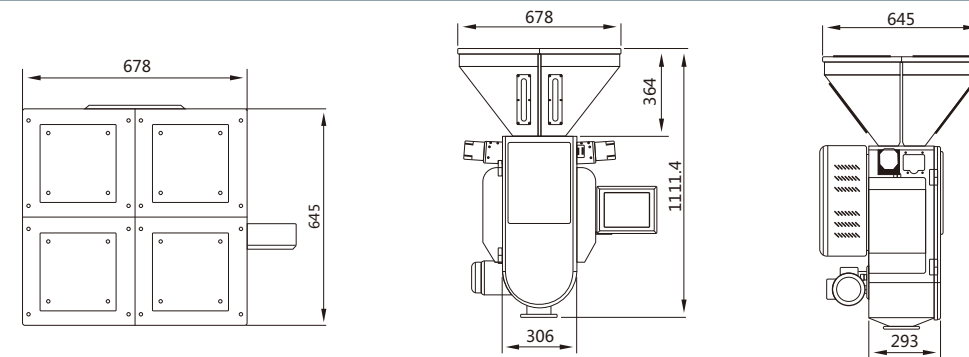


SV series weighing mixer adopt the latest single-chip microprocessor more powerful function, higher speed, and stronger anti jamming capability. It has auto compensation ability, when start machine, can automatically calibrate. It is mostly applied in plastic ejection, extrusion, or material mix with exact proportion to mold plastic.

**MOLDE FEATURES**

- Adopt single-chip microprocessor design, more powerful function smaller size and good Anti-interference ability Use EEPROM, data will not be lost when power off battery free.
- Interface state,contact controller, easy use, can store lot of formula data(500set)
- High speed,high accuracy,AD catch material,more stable.
- All material will be weighed then mix.strictly control precision.
- Recheck the weight data and material,ensure the precision and accuracy.

- Can directly install it on molding machine,but need to choose and buy base of mixer
- When install on the floor,need to buy pneumatic material-stop valve,foot stool, storage bunker,and material-inhale box.



**TECHNICAL PARAMETER**

Model	Group Number	Knife Metering Quantity	Screw Metering Quantity	(Kg) Maximum Batch Quantity	(kg/cm <sup>2</sup> ) Compress Air	kw Mixing Motor Power	kg/hr Maximum Output	Voltage
40-	4	4	-	0.6	5-6	0.09	40	1Φ,230V,50Hz
	4-1R	3	1				40	
	4-2R	2	2				35	
	4-3R	1	3				30	
	3	3	-				50	
	3-1R	2	1				50	
	3-2R	1	2				45	
	2	2	-				60	
	2-1R	1	1				55	
80-	4	4	-	1.5	5-6	0.2	80	1Φ,230V,50Hz
	4-1R	3	1				80	
	4-2R	2	2				65	
	4-3R	1	3				50	
	3	3	-				90	
	3-1R	2	1				90	
	3-2R	1	2				70	
	2	2	-				140	
	2-1R	1	1				120	
200-	4	4	-	2.8	5-6	0.2	200	1Φ,230V,50Hz
	4-1R	3	1				200	
	4-2R	2	2				180	
	4-3R	1	3				160	
	3	3	-				220	
	3-1R	2	1				220	
	3-2R	1	2				160	
	2	2	-				350	
	2-1R	1	1				240	
600-	4	4	-	8	5-6	0.37	600	1Φ,230V,50Hz
	4-1R	3	1				600	
	4-2R	2	2				520	
	4-3R	1	3				500	
	3	3	-				650	
	3-1R	2	1				650	
	3-2R	1	2				500	
	2	2	-				1000	
	2-1R	1	1				700	

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