



# BD-除湿干燥送料组合 (三机一体)

BD-Dehumidifying,  
Drying and Feeding  
Unit(Three In One)

## 特点 Features

- ◆ BD除湿干燥送料组合一律配备蜂巢转轮除湿机
- ◆ 使用于吸湿性较强的工程塑胶原料如：PA、PC、PBT、PET等，针对客户需求可选择装用H4或H5型蜂巢转轮
- ◆ 集除湿、干燥、二段送料三种功能于一机，尚可选择三段送料功能
- ◆ 可选择配露点侦测显示器，可随时监控露点
- ◆ 保温式干燥料桶采用下吹风管设计，搭配旋风排气装置，防止热能散失，确保温度，提高干燥效率
- ◆ 机器占地小，移动方便，可任意更换机台使用
- ◆ 回路密闭的送料系统，可避免干燥后的原料因接触外界空气而再度回潮
- ◆ 送料系统配有截料阀，确保料管中无残余原料
- ◆ 该系列除湿系统采用双冷却器结构，确保更低回风温度及露点
- ◆ BD dehumidifying, drying and feeding unit equipped honeycomb dehumidifier
- ◆ Used for high hygroscopic engineering plastic and rubber such as PA, PC, PBT, PET. etc. , H4 and H5 types of can be selected according customers'demand
- ◆ Integrates dehumidifying, drying and two-step feeding function, the three-step feeding is available
- ◆ The dew-point monitor indicator for customer selection, which can monitor the dew-point
- ◆ The moisture reproof drying material tube adopt bottom blowing design with circling air exhausting device, prevent heat energy emitting, keep temperature, improve drying efficiency
- ◆ Compact in size for easy moving and the machine can be replaced easily
- ◆ Airtight loop feeding system, prevent the dried raw material to be re-moisture by contact external air
- ◆ With built-in restrictive valve, guarantee no remained material in pipe
- ◆ Use two cooler in dehumidifying system, guarantee low temperature on air and dew-point



## 主要技术参数 Main Technical Data

型号 Model		80u/ 90H	120u/ 90H	160u/ 120H	230u/ 150H	300u/ 200H	450u/ 300H	600u/ 400H	750u/ 500H	900u/ 700H
干燥系统 Drying system										
保温桶容量(L) Moistureproof bottom capacity		80	120	160	230	300	450	600	750	900
干燥电热功率(kw) Dry heater power		3.9	6	6	7.2	12	15	18	21	24
干燥风机功率(kw) Dry blow power		0.4	0.75	1.5	1.9	1.9	2.6	3.4	5.5	5.5
除湿系统 Dehumidifying system										
除湿风量(m/hr) Dampproof air		90	90	120	150	200	300	400	500	700
再生电热功率(kw) Regen heater power		2.8	3.5	3.5	4	5.4	7.2	7.2	10	10
再生风机功率(kw) Regen blow power		0.2	0.2	0.2	0.4	0.4	0.75	0.75	1.9	1.9
送料系统 Loading system										
送料风机功率(kw) Loader blow power		0.75	0.75	0.75	1.9	1.9	1.9	1.9	1.9	2.2
吸料配管(inch) Suction pipe		1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2
电眼料斗(L) Photoelectric hopper		6	6	6	6	6	6	6	6	12
普通料斗(L) Standard hopper		6	6	6	12	12	12	12	12	12
外型尺寸(mm) External size	长 Long	1200	1200	1300	1500	1600	1700	1700	2100	2100
	宽 Wide	1000	1000	1100	1360	1360	1400	1400	1500	1500
	高 High	1870	1870	1900	2060	2060	2300	2300	2700	2700
重量(kg) Weight		330	376	395	435	570	700	700	750	850

**特点 Features**

- ◆ 集自动送料、干燥功能的二机一体设计
- ◆ 微电脑控制系统，可自动控制整机自动运行（含定时开关，全功能警报系统）
- ◆ 集热风回收装置，省电40%，无热气粉尘排出，保护环境
- ◆ 占地小，移动方便；可任意更换机台使用
- ◆ 采用密封管路将所需原料送到所需机台，有效避免原料的二次污染，内置截料阀，确保管中无残料
- ◆ Integrates drying and auto-feeding functions, and two machine in one design
- ◆ Microcomputer control system, control machine running automatically (with timingswitch and full-functional alarming system)
- ◆ Hot-air recycling system, save power consumption up to 40% and environment-friendly without hot-air and dust exhausting
- ◆ Compact in size for easy moving and the machine can be replace easily
- ◆ With built-in restrictive valve, guarantee no remained material in pipe
- ◆ The sealed piping send material to target machine, to avoid secondary pollution, the build-in shut off valve guarantee that no remained material in piping



欧化型  
Europeanization Type

**主要技术参数 Main Technical Data**

型号 Model	BDL-50	BDL-100	BDL-200	BDL-400
配置 Provide with				
干燥机干燥电热功率(kw) Heater power of dryer	3.9	6.0	12	18
送料风机功率(kw) Loader blow power	1.5	2.2	2.2	2.2
干燥风机功率(kw) Dry blow power	0.2	0.25	0.4	0.4
外形尺寸(mm) External size	1100x750x1500	1200x900x1700	1580x930x2000	1700x1100x2100
重量(kg) Weight	110	210	300	400



# BD-蜂巢式除湿干燥机

## BD-Honeycomb Cylinder Dehumidification Dryer

BD系列蜂巢转轮除湿机主要是用来处理吸湿性较强的工程塑料以进行高效率的除湿作业。蜂巢转轮的主体以由陶瓷纤维及有机添加剂制成之陶质蜂巢构成，再以分子筛及矽胶为基本材料经高温结晶烧结使之表面坚硬的强力吸附於蜂巢内部，故不会如同一般筒装或转盘式分子筛因老化后产生粉粒随干燥风吹入干燥桶污染塑料，而且蜂巢转轮之寿命无限制又可以清洗不像一般分子筛易於饱和或老化必须经常更换，潮湿回风穿过蜂巢转轮的无数小孔时水份将迅速被分子筛吸收，故它当离蜂巢时已被完全除湿并达到非常低之露点的干燥风，再生与除湿之原理相似而且同时进行，只是再生风之流向相反。

With high efficiency, BD series honeycomb rotation cylinder dehumidifier is mainly used for dehumidifying operation on engineering plastic of strong hygroscopic property. The body consists of ceramic honeycombs made of ceramic fiber and organic additive, and molecular sieve and silicon glue as basic material crystal sintered by high temperature with surface hard force to be attracted

in the inner of honeycombs. So unlikely as general cylinder-type or rotation tray type the powder particles produced by molecular nodes aging to be blown into the drying tube to pollute the plastic, and furthermore its endless using life and washable is unlikely as general molecular nodes to be aging and saturated should be replaced often. The water content will be sucked immediately

when the moisture return wind through pass the numerous micro holes of cylinder honeycombs. So they have been dehumidified completely and have been the full dried wind with very low dew point. The principle of re-producing and dehumidification are same and carry out simultaneously. only the reproduced Wind blowing has reverse direction.

### 特点 Features

- ◆ 具有再生温度设定与实际温度显示屏幕之功能
- ◆ 干燥风能达到-50°C以下的超低露点
- ◆ 附有机机械连锁功能之主电源开关
- ◆ 该系列除湿系统采用双冷却器结构，确保更低回风温度及露点
- ◆ The display screen shows re-producing temperature setting and actual temperature
- ◆ The dew point of dried wind hit -50°C degree
- ◆ main power switch with mechanical interlock function
- ◆ The dehumidification system adopts double cooler structure, can guarantee very low return wind temperature and dew point

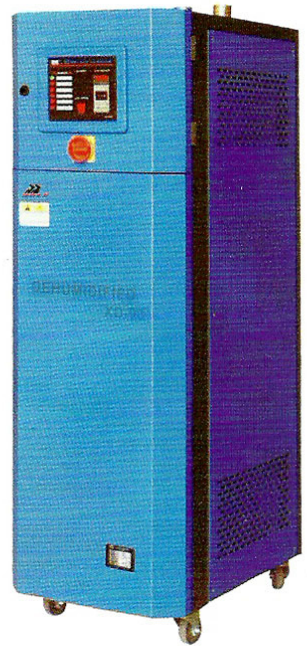
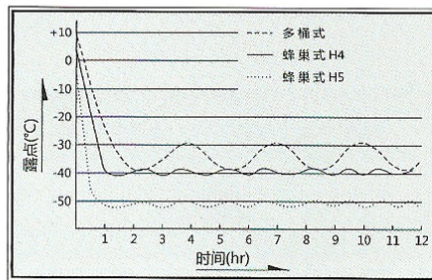
### 湿度及含水率对照表

Humidity and water content rate check list

露点 Dew Point	相对湿度(%) Relative Humidity	含水率 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

### 露点效果比较

Dew point effect comparison

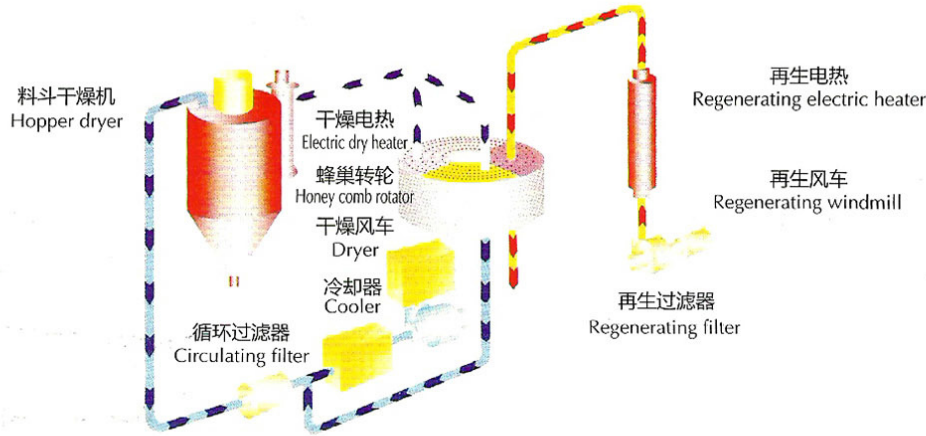


### 主要技术参数 Main Technical Data

型号 Model	再生电热功率(kw) Regen heater power	干燥空气流量(m³/hr) Dry Air Flow	重量(kg) Weight	外形尺寸(mm) External size	配管尺(Inch) Pipe Size
BD-90	3.5	90	120	900x520x1700	2"
BD-120	3.5	120	140	900x620x1700	2"
BD-150	4	150	215	1300x700x1700	2.5"
BD-200	5.4	200	225	1300x700x1700	2.5"
BD-300	7.2	300	240	1300x700x1800	3"
BD-400	7.2	400	280	1300x700x1800	3"
BD-500	10	500	290	1500x1000x1900	4"
BD-700	10	700	300	1500x1000x1900	4"

**BD-Honeycycle  
Cylinder  
Dehumidification  
Dryer**

**BD-蜂巢式除湿干燥机**



蜂巢转轮之各工作区域  
1) 除湿区  
2) 再生区  
3) 冷却区

Honey comb rotator's working area  
1) Dehumidifier area  
2) Regeneration area  
3) Cooler area

**干燥能力规格表** Dry capability specification

原料 Raw Material	干燥 温度 (°C) Drying Temperature	干燥 时间 (hr) Drying Time	比热 (j/kg·°C) Specific Heat	原料 比重 (kg/dm³) Material Proportion	除湿前 含水率 (%) Water Ratio Before Dehumidifying	除湿后 含水率 (%) Water Ratio After Dehumidifying	干燥能力(kg/hr) Drying Capacity							
							BD- 90H	BD- 120H	BD- 150H	BD- 200H	BD- 300H	BD- 400H	BD- 500H	BD- 700H
ABS	80	2-3	0.34	0.6	0.3	0.02	27	35	71	105	180	210	285	355
CA	75	2-3	0.5	0.5	1	0.02	22	30	60	90	150	180	235	295
CAB	75	2-3	0.5	0.5	0.8	0.02	22	30	60	90	150	180	235	295
CP	75	2-3	0.6	0.6	1	0.02	27	35	71	106	180	210	285	355
LCP	150	4	0.6	0.6	0.04	0.02	20	27	55	80	135	160	210	265
POM	100	2	0.35	0.6	0.2	0.02	40	53	105	160	265	320	425	530
PMMA	80	3	0.35	0.65	0.5	0.02	29	38	77	115	192	230	307	383
ILNOMER	90	3-4	0.35	0.5	0.1	0.04	17	22	44	66	111	133	177	220
PA6/66/610	75	4-6	0.55	0.65	1	0.05	14	19	38	58	96	115	153	192
PA11	75	4-5	0.4	0.65	1	0.05	17	23	46	69	115	138	184	230
PA12	75	4-5	0.58	0.65	1	0.05	17	23	46	69	115	138	184	230
PC	120	2-3	0.28	0.7	0.3	0.01	31	41	83	124	206	250	330	413
PU	90	2-3	0.45	0.65	0.3	0.02	29	38	77	115	190	230	307	383
PBT	130	3-4	0.3-0.5	0.7	0.2	0.02	23	31	62	93	155	186	248	310
PE	90	1	0.55	0.6	0.01	<0.01	80	106	212	318	531	637	850	1062
PEI	150	3-4	0.6	0.6	0.25	0.02	20	27	53	80	133	160	212	265
PET	160	4-6	0.3-0.5	0.85	0.2	0.02	19	25	50	75	125	150	200	250
PETG	70	3-4	0.6	0.6	0.5	0.02	20	27	53	80	133	160	212	265
PEN	170	5	0.85	0.85	0.1	0.05	23	30	60	90	150	180	240	300
PES	150	4	0.7	0.7	0.8	0.02	23	30	60	90	150	180	240	300
PMMA	80	3	0.65	0.65	0.5	0.02	29	38	77	115	190	230	310	385
PPO	110	1-2	0.4	0.5	0.1	0.04	33	44	88	133	220	265	355	440
PPS	150	3-4	0.6	0.6	0.1	0.02	20	27	53	80	133	160	212	265
PI	120	2	0.27	0.6	0.4	0.02	40	53	105	160	265	320	425	530
PP	90	1	0.46	0.5	0.1	0.02	66	88	180	265	442	530	710	885
PS(GP)	80	1	0.28	0.5	0.1	0.02	66	88	180	265	442	531	708	885
PSU	120	3-4	0.31	0.65	0.3	0.02	22	29	60	85	145	173	230	290
PVC	70	1-2	0.2	0.5	0.1	0.02	33	44	90	135	220	265	355	442
SAN(AS)	80	1-2	0.32	0.5	0.1	0.05	33	44	90	135	220	265	355	442
TPE	110	3	0.7	0.7	0.1	0.02	30	40	85	125	205	250	330	413

(1) 适用独立的干燥料斗 (2) 在20°C的大气温度及65%的相对湿度下,干燥后其水分含量低于0.005%  
Using independent dry hopper Under the 20°C atmospheric temperatures and 65% relatively temperatures, the water containing less than 0.005% after drying



# BMD-模具除湿机

BMD-Mold Sweat  
Dehumidifiers

BMD模具除湿机主要应用在塑胶成型中，由于模具使用冷冻水来缩短成型周期而产生的结露问题，特别是PET瓶胚射出最为适用。结露现象是当模具表明温度低于周围环境空气的露点温度时就会产生水气，而影响到产品质量及生产效率，同时会腐蚀模具表面，而造成环境污染。本机采用蜂巢转轮系统进行除湿作业，确保模具周围始终维持0到-10°C的低露点空气环境，不让模具产生结露现象也不受季节变化的影响，大幅减少瑕疵及废品率的产生。

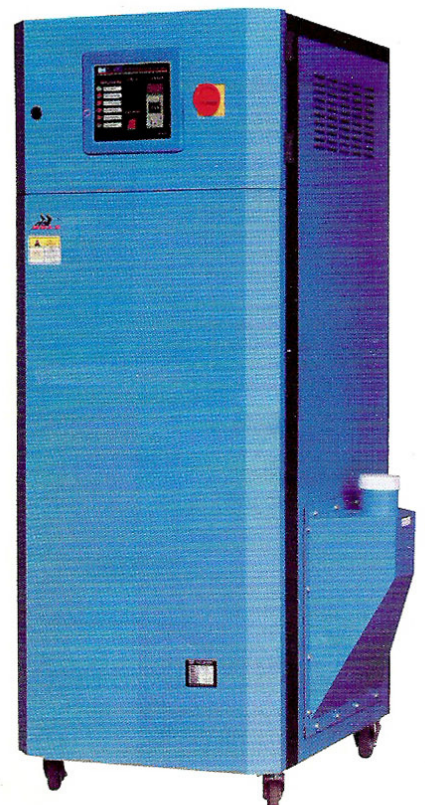
BMD mold dehumidifier is mainly used in the plastic and rubber moldina. As the mold use the cooling water to reduce the moulding cycle, which result in the problem of water condensation, it is the most applicable for PET and XMD bottle shooting out particularly. Condensation shows that there is

Water-content gas when the temperature of mold surface is lower than the dew point temperature of surrounding air, which influent the product quality and product efficiency. Meanwhile, this phenomenon erodes the mold surface and results in environmental pollution. The machine uses the

honeycomb running system to dehumidify, which always ensure the mould to maintain 0-10 low dew point air environment. This feature that don't produce the condensation, can't be subject to seasonal changes and reduce largely the rate of defective and waste products.

## 特点 Features

- ◆ 采用P . I . D . 温度控制系统，具有再生温度设定与实际温度显示屏幕
- ◆ 24小时自动运转定时设定，及自动故障显示功能
- ◆ 蜂巢式设计，除湿风干燥度稳定
- ◆ 马达过载及逆相报警功能
- ◆ 附有机电连锁功能之总电源开关
- ◆ 回风冷却及过滤功能
- ◆ 可选购数位式露点侦测器附高露点指示及报警器
- ◆ 在常态的大气条件下，可一年四季精确控制湿度
- ◆ 延长模具的使用寿命，降低腐蚀，提高产品成品率
- ◆ 出口至模具的干燥风温度为30°C左右，不会导致模具周围温度太低，使射出机视窗结露
- ◆ 随机搭配可拆式回风收集器，可实现密闭循环的应用，特别适用于热带气候的环境
- ◆ Use P.I.D. Temperature control system with regeneration temperature settings and actual temperature display screen
- ◆ 24 hours automatic operation timing setting and automatic malfunction display
- ◆ Honeycomb designer with dehumidification and stable dryness
- ◆ Motor overload and reverse alarm function
- ◆ The total power switch with mechanical chain function
- ◆ Return air cooling and filtering function
- ◆ Choice digital dew point detector attached to a high dew point and alarm instructions
- ◆ In normal atmospheric conditions, it can control precisely humidity throughout the year
- ◆ Prolong mould's life, reduce erosion, improve the rate of good quality product
- ◆ Dry wind temperature is about 30°C from the exit to mould, which don't lean to the around temperature of mould is too low, so that the injection machine window condensate
- ◆ Random with removable return air collector can be confined to achieve the cycle of applications, particularly applicable to the tropical climate environment

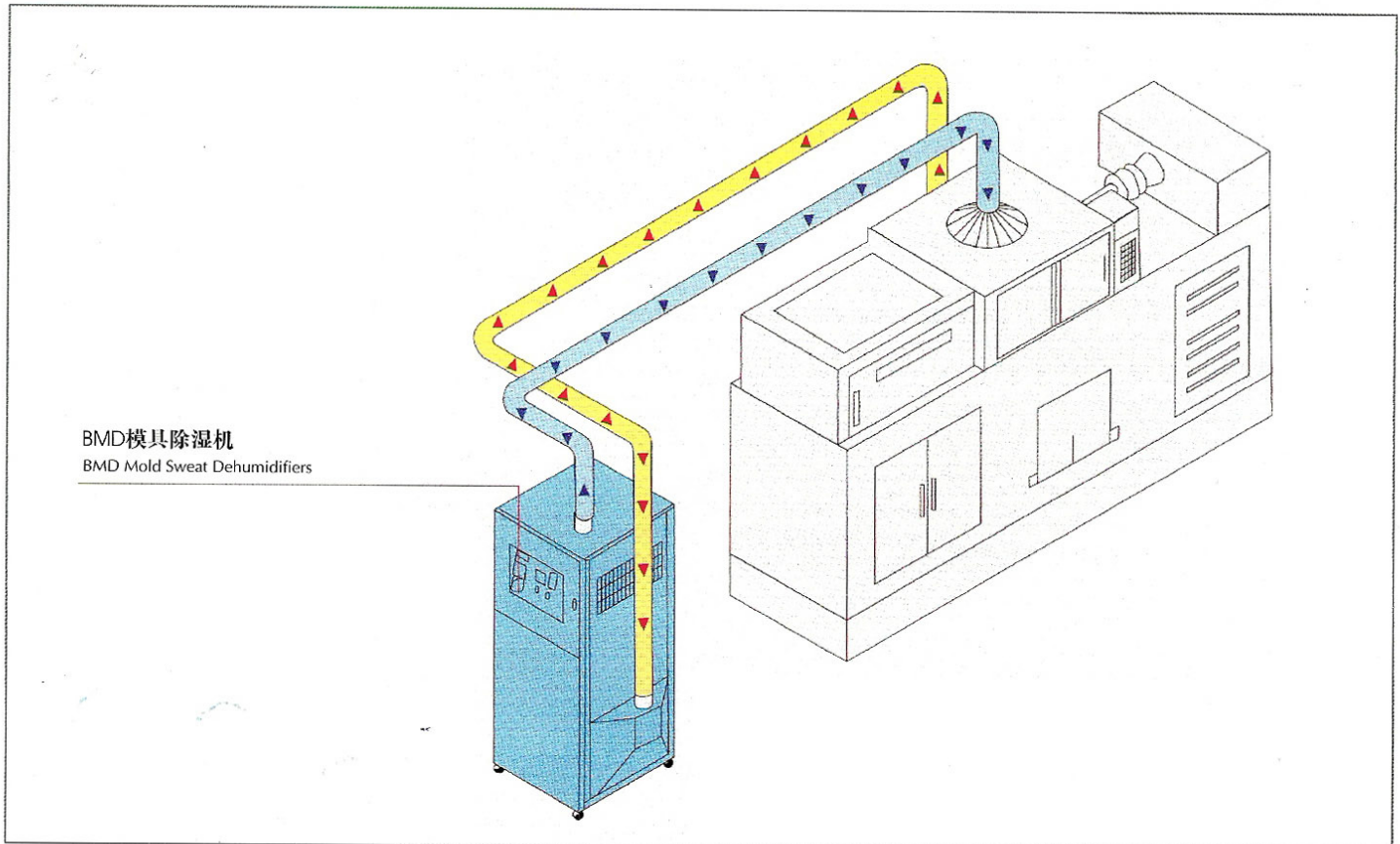


型号 Model	BMD-500H	BMD-1000H	BMD-1500H	BMD-2000H
干燥风车 Dry windmill(kw)	0.75	1.5	1.5	5.5
再生风车 Renewable windmill(kw)	0.4	0.75	0.37	0.37
干燥风量 Dry wind flow(m <sup>3</sup> /hr)	500	1000	1500	2000
再生电热 Renewable heating(kw)	5	7.2	12	12
干燥风配管尺寸 Dry wind piping size	4"	5"	8"	8"
再生风配管尺寸 Renewable wind piping size	2"	2.5"	3"	3"
冷却插口尺寸 Cooling faucet size	3/4" PT	3/4" PT	3/4" PT	3/4" PT
干燥风温度 Dry air temperature(°C)	30	30	30	30
平均露点温度 The average dew point temperature(°C)	-10	-10	-10	-10
风机压力 Fan pressure(Pa)	3000	3000	1400	3500
冷却水量 Cooling water flow(L/M)	50	50	100	100
水压 Water pressure(kgf/cm <sup>2</sup> )	3~5	3~5	3~5	3~5
外型 External size	H(mm)	1685	1785	1990
	W(mm)	650	800	850
	D(mm)	700	805	1075
	重量Weight(kg)	250	300	350
噪音 Noised B(A)	65	65	65	70

注：产品规格若有变化，恕不另行通知

Note: We reserve the right to make some changes of products specifications without notice

**产品应用示意图** Product application diagram





# BHD-U保温式料斗干燥机

**BHD-U Heat  
Preaervating  
Hopper Dryer**

BHD-U系列下吹式欧化料斗干燥机，料斗采用不锈钢制造，配备有“热气下吹”，“旋风排气”功能以及双层保温桶，特别适合搭配除湿机用来干燥工程塑料。该系列提供的装料容量由40—1200公升，共为11种机型。该产品除于原料接触的零件外，其它均采用不锈钢制造，80公升以上机型均配备有保温式的清洁门，并提供一周定时开关机的功能。

BHD-U series of insulated hopper dryers works under the “down-blowing” and “cyclonic exhausting” principle and double layer construction for heat preservation. This series offers 11 models providing hopper capacities from 40 to 1200 liters. Contact parts are made of stainless steel. Models with capacities above 80 liters adopt temperature-maintaining door which clear up dust and 1-week auto start-stop timer function.

## 特点 Features

- ◆ 外观新颖，外表光亮
- ◆ 特有下吹风管设计，能均匀分散热风，保持塑料干燥，温度稳定，提高干燥效率
- ◆ 可打开的视料门，密封性好，清料方便
- ◆ 采用微电脑控制，可减少人为或机械故障所产生之意外
- ◆ 一周定时自动开关机，以达到省电目的
- ◆ 铝制底座(铝型或不锈钢型)、欧化脚架、欧化吸料盒，热风回收器、风机入口过滤器及空气滤清器选配装置
- ◆ 选耐高温型时，整机为全保温
- ◆ Elegant appearance , smooth surface
- ◆ Special “down—blowing” designed to distribute heat ever,avoiding drying plastic granule ‘S two times moistu re absorption , greating drying ability
- ◆ Openable window for view and inspection , excellent airtight and it is asy for cleaning materials
- ◆ Equipment with microcomputer controller which can reduce accident caused by men’ s wrong operation or mechanical error
- ◆ 1-week auto start-stop timer function for saving energy
- ◆ All models offer aluminium bottom , feet suction box , hot-air recycling system , and air filter for options



## 主要技术参数 Main Technical Data

型号 Model	装料量(L) Hopper capacity	干燥电热(KW) Heater power	风机(W) Blower power	外形尺寸(mm) External size	脚架尺寸(mm) Specifceation	整体高度(mm) Height(external size)	重量(kg) Weight
BHD-40U	40	3	120	760x640x390	790x450x660	1295	25
BHD-80U	80	3.9	120	940x722x475	840x552x722	1465	50
BHD-120U	120	3.9	120	1210x722x475	840x552x722	1735	60
BHD-160U	160	6	180	1225x822x575	920x652x795	1825	90
BHD-230U	230	6	180	1505x822x575	920x652x795	2105	100
BHD-300U	300	12	250	1450x945x695	970x790x930	2085	130
BHD-450U	450	12	250	1850x945x695	970x790x930	2435	160
BHD-600U	600	18	550	1820x1170x915	1130x1000x1200	2470	200
BHD-750U	750	18	550	2100x1170x915	1320x1000x1200	2780	220
BHD-900U	900	18	550	2070x1340x1050	1320x1200x1200	2730	250
BHD-1200U	1200	18	550	2500x1340x1050	1320x1200x1200	3160	376

**特点 Features**

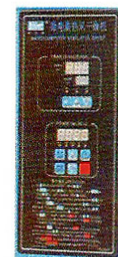
- ◆ 热风分布均匀：高热效率，大幅缩短干燥时间
  - ◆ 温度控制精确：采用高精度温度调节器，消除温度误差
  - ◆ 节省时间，节省人力：筒部与底座分离式设计，清料方便，换料简单迅速。
  - ◆ 十分信赖的设计：美观坚固、缩短原料熔化时间，提高射出速率。
  - ◆ 增加射出率：直热落料，缩短原料熔化时间，提高射出速率
  - ◆ 自动控制工作时间：小时任意设定开、关机时间，自动工作
  - ◆ 有A、L型脚架、热风回收器、风机入口过滤器、排风空气滤消器、排风旋风器、磁力底座、料斗磁铁、欧化西料盒可供选配
- ◆ Well-distributed Heated Wind : The heat efficiency is high enough to shorten great amount of drying time
  - ◆ Precise Temperature Controls : The precise temperature controls ensure and keep a high accuracy of temperature
  - ◆ Save Time and Manpower : As the hopper body and bottom are designed separately, and therefore it is very convenient to clean materials and quite simple and quick to renew materials as Well
  - ◆ The Trustworthy Design : Fine exterior,solid construction . Short material-melting time greatly helps to promote the spouting speed
  - ◆ Increase injection ratio : direct heating blanking , shorten material melt time , promote injection ratio.
  - ◆ Automatic control time : setting on / off freely 24 hours around , automatic working
  - ◆ A , L feet frames , reciever of hot air,the filter of inlet of fan , the filter of air exhauster,magnetic base , magnetic iron of bunker , Eu ropean material box are available for selection .



热风回收装置  
HOT AIR RETRIEVING DEVICE



- (附定时器型)  
TIMER-ATTACH TYPE
- (电脑型)  
MICRO-COMPUTER TYPE



**主要技术参数 Main Technical Data**

型号 Model	桶径(mm) Diameter	外形尺寸(mm) External size	容纳容量(kg) Capacity	电热(kw) Heater Power	适用机型(oz.) Applicable Injectioner
BHD-12kg	Ø280	640x430x780	15	2.1	1
BHD-25kg	Ø350	760x500x900	25	3.5	3
BHD-50kg	Ø430	840x540x1030	50	4.8	5-8
BHD-75kg	Ø468	950x600x1140	75	5.1	6-9
BHD-100kg	Ø550	1080x700x1250	100	7.8	10-30
BHD-150kg	Ø630	1120x760x1300	150	8.88	15-30
BHD-200kg	Ø700	1250x850x1480	200	10	30-60
BHD-300kg	Ø750	1300x920x1740	300	15	>60
BHD-400kg	Ø800	1400x1040x1760	400	20	>60
BHD-600kg	Ø990	1600x1150x2150	600	27	>60
BHD-800kg	Ø1090	1700x1330x2660	800	32	>60
BHD-1000kg	Ø1090	1700x1330x2860	1000	32	>60





# BTL-真空式自动填料机

**BIL-Vacuum  
Autoloader**

## 特点 Features

- ◆ 主机与料桶(可选配电眼开关,控制填料动作)采用分离式设计, 安筒便
- ◆ MICRO TRIP微电脑控制运转
- ◆ 独立滤清器装置,方便清除积尘
- ◆ 静音装置,减低运转噪音
- ◆ 不锈钢储料桶,轻便耐用好清料
- ◆ 控制箱独立设计,维修容易
- ◆ 缺料自动蜂鸣警告告知
- ◆ 马达过载自动保护装置
- ◆ BTL-900GN-2 单一主机控制两个储料斗,不占空间便与管理操作
- ◆ 电眼料斗可直接安装于成型机入料口
- ◆ 可选配旋风集尘器,减少滤清器清洗次数,适用于粉碎料输送
- ◆ 可选配两料比例阀,用于新料于粉碎料混合使用或粉碎料立即回收
- ◆ The main engine and the material hopper are designed separately, and thus it is safe, easy and convenient to be operated
- ◆ The whole operation is controlled by MicroTrip computer
- ◆ Equipped with an independent filter, which is very convenient to clean up dust
- ◆ The equipped muffler reduces the noise in operation
- ◆ Stainless steel material hopper is light in weight, durable and very convenient for cleaning the device
- ◆ The control box, being designed separately, is easy to be well maintained.
- ◆ Auto-buzzer will give alarm while lacking material
- ◆ Auto-protective device protects motor against overloading
- ◆ BTL-900GN-2 controlling two suction hopper by one single controller not only can avoid taking space but also manage convenient
- ◆ The bunker with electronic eye can be installed on the charging inlet of molding machine directly
- ◆ The air revolving dust arrester reduce the clean times of filter, is suitable for the grinded material conveying
- ◆ Can select two-material proportional valve, used for new material mixed grinded material using or instant receiving of grinded material



可选配光电储料斗  
Matching photoelectric hopper



BTL-900GN-2 一拖二填料机  
BTL-900GN-2 CONTROLLING  
TWO SUCTION HOPPER BY  
ONE SINGLE CONTROLLER



吸粉料斗  
POWDER SUCKING  
HOPPER

## 主要技术参数 Main Technical Data

型号 Model		BTL-600GN	BTL-800GN	BTL-3.5HP	BTL-5HP	BTL-7.5HP	BTL-900GN-2	BTL-800GN-2-P
马达 Motor	型式 Type	感应式 Induction	感应式 Induction	感应式 Induction	感应式 Induction	感应式 Induction	感应式 Induction	感应式 Induction
	规格 Specification	1100w3Ø	1500w3Ø	3000w3Ø	3500w3Ø	5500w3Ø	2200w3Ø	1100w3Ø
输送能力(kg/hr) Conveying Capacity		450	550	600	700	1100	450+450	650
静风压 Static wind pressure(MAX)		1450mmAq	2000mmAq	2200mmAq	2200mmAq	2500mmAq	2000mmAq	1450mmAq
滤清器 Filter		Ø188x115H	Ø188x115H	Ø188x260H	Ø188x260H	Ø188x260H	Ø188x115H	Ø188x115H
储料桶容量(L) Volume of Material Hopper		6.5	6.5	12	25	25	3.6   12	6.5
输料管内径(mm) Inside Diameter of Conveying Pipe		Ø38	Ø38	Ø38	Ø51	Ø51	Ø38	Ø38
外形尺寸 (mm) External size	主体 Main Body L W H	680x370x500	700x370x500	700x500x850	700x500x850	700x600x850	850x480x470	680x370x500
	储料桶 Material Hopper L W H	430x440x295	430x440x295	430x440x500	430x440x500	430x440x500	430x440x500	430x440x700
重量(kg) Weight	主体 Main Body L W H	35	45	55	60	70	50	35
	储料桶 Material Hopper	6	6	7	8	8	6+6	12

**特点 Features**

- ◆ 主机与料桶(可选配电眼开关, 控制填料动作)采用分离式设计, 安全简便
  - ◆ MICRO TRIP 微电脑控制运转
  - ◆ 独立滤清器装置, 方便清除积尘
  - ◆ 静音装置, 减低运转噪音
  - ◆ 不锈钢储料桶, 轻便耐用好清料
  - ◆ 控制箱独立设计, 维修容易
  - ◆ 缺料自动蜂鸣警告告知
  - ◆ 马达过载自动保护装置
  - ◆ 电眼料斗可直接安装于成型机入料口
  - ◆ 可选配旋风集尘器, 减少滤清器清洗次数, 适用于粉碎料输送
  - ◆ 可选配两料比例阀, 用于新料于粉碎料混合使用或粉碎料立即回收
- ◆ The main engine and the material hopper are designed separately, and thus it is safe, easy and convenient to be operated
  - ◆ The whole operation is controlled by Micro Trip computer
  - ◆ Equipped with an independent filter, which is very convenient to clean up dust
  - ◆ The equipped muffler reduces the noise in operation
  - ◆ Stainless steel material hopper is light in weight, durable and very convenient for cleaning the device
  - ◆ The control box, being designed separately, is easy to be well maintained.
  - ◆ Auto-buzzer will give alarm while lacking material
  - ◆ Auto-protective device protects motor against overloading
  - ◆ The bunker with electronic eye can be installed on the charging inlet of molding machine directly
  - ◆ The air revolving dust arrester reduce the clean times of filter, is suitable for the grinded material conveying
  - ◆ Can select two-material proportional valve, used for new material mixed grinded material using or instant receiving of grinded material

可选配光电储料斗  
Matching photoelectric hopper



**主要技术参数 Main Technical Data**

型号 Model		BTL-300GN	BTL-300GE	BTL-450GE
马达 Motor	型式 Type	碳刷式 Carbon Brush	碳刷式 Carbon Brush	感应式 Induction
	规格 Specification	1100w1Ø	1100w1Ø	750w3Ø
输送能力(kg/hr) Conveying Capacity		400	350	400
静风压 Static wind pressure(MAX)		1500mmAq	1500mmAq	1500mmAq
滤清器 Filter		Ø188x115H	Ø185x90H	Ø185x90H
储料桶容量(L) Volume of Material Hopper		6	6	6
输料管内径(mm) Inside Diameter of Conveying Pipe		Ø38	Ø38	Ø38
外形尺寸(mm) External size	主体 Main Body L W H	480x310x430	500x400x600	500x400x800
	储料桶 Material Hopper L W H	430x440x295		
重量(kg) Weight	主体 Main Body L W H	15.5	13.5	18.5
	储料桶 Material Hopper	5		



# BFS-塑料粉碎机

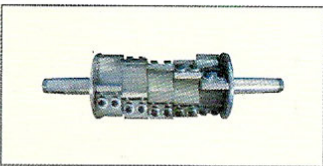
BFS-Plastic  
Crusher

## 特点 Features

- ◆ 采用进口特种工具钢精制刀具，刀具间隙可调整，用钝后可重复拆下刃磨，经久耐用
- ◆ 采用高强度钢螺丝紧固刀片与刀座，承载力强大
- ◆ 粉碎室周壁隔音处理，噪音极小，重荷轴承及防尘装置
- ◆ 分离式设计，料斗、主体、筛滤网底座极易拆洗清料
- ◆ 电机设过荷保护与电源连锁保护装置，双重保护电机及人员的安全
- ◆ 阶梯式动刀设计，破碎力特强
- ◆ BFS-500以上加装避震脚、降低震动噪音
- ◆ The knife tool is refined with imported special tool-steel, the clearance between knife tools are adjustable, when it becomes blunt by using, it can be dismantled repeatedly, it is durable
- ◆ Use high-intensity steel screws to fasten the knife leaf and knife seat, having strong bearing capacity
- ◆ All walls of crushing chamber are treated by sound-proof,so having extra-low noise
- ◆ A discount-type designed, the bunker,main body, screen can be dismantled for cleaning easily, heavy bearing with dust protection device
- ◆ The electric motor has over-loading protection with power source interlock protection device. Double-safety protection for operators and electric motor
- ◆ Step-type motion knife design with strong breaking capacity
- ◆ Equipped vibration feet on BFS, reduce noise of vibration



回收装置  
Recycle system

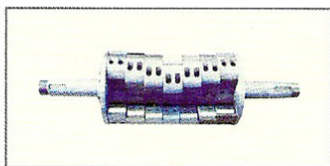


标准型刀架，适合粉碎普通片材，管材，型材，板材及包装材料等塑料制品和浇道口。  
Standard blade bed is suitable to crush normal board material; tube material; foam material and plastic material such as packaging box and wrapping

型号 Model	BFS-180	BFS-230	BFS-300	BFS-400	BFS-500	BFS-600
功率(kw) Power	2.2	4	6	7.5	11	15
动刀数量 Quantity of rotating blades	9	6	9	12	15	18
定刀数量 Quantity of fixed blades	2	2	2	2	2	4
筛网孔径(mm) Screen size	Ø7	Ø8	Ø10	Ø10	Ø10	Ø12
重量(kg) Weight	240	340	480	660	900	1400
最大碎料量(kg/hr) Max.breaking capacity	100-150	150-200	200-300	400-600	500-700	600-800
进料口尺寸(mm) Size of feeding inlet	180x136	230x170	300x210	400x240	500x300	600x310
外形尺寸(mm) External size	730x440x900	1000x700x1050	1100x800x1200	1300x900x1400	1450x1050x1500	1500x1250x1720

# BFS-Plastic Crusher

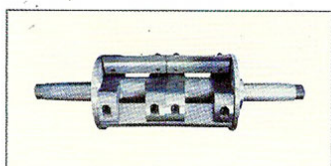
# BFS-塑料粉碎机



爪刀型刀架机构，分散受力度，适合破碎原材料，硬质料块、料头等。

Claw-shape blade bed system can disperses the pressure and therefore it is good to be used to crushing hard and raw material

型号 Model	BFS-230	BFS-2840	BFS-3050	BFS-3460	BFS-4680	BFS-46100	BFS-5680	BFS-56100	BFS-56120
功率(kw) Power	5.5	7.5	11	15	22	37	37	45	55
动刀数量 Quantity of rotating blades	15	21	21	24	30	39	30	39	45
定刀数量 Quantity of fixed blades	2	2	2	4	4	4	4	4	4
筛网孔径(mm) Screen size	Ø10	Ø10	Ø10	Ø12	Ø12	Ø14	Ø12	Ø12	Ø12
重量(kg) Weight	480	660	900	1400	1950	2500	3200	4100	5100
最大碎料量(kg/hr) Max.breaking capacity	200-300	400-600	500-700	600-800	700-900	800-1000	1000x1600	1200-2000	1500-2500
进料口尺寸(mm) Size of feeding inlet	300x210	400x240	500x300	600x310	800x400	1000x400	800x660	1000x660	1200x660
外形尺寸(mm) External size	1100x800 x1200	1300x900 x1400	1450x1050 x1500	1500x1250 x1720	2000x1400 x2100	2000x1600 x2100	2340x1820 x2810	2340x2220 x2810	2340x2220 x2810



片型刀架机构，适合破碎薄膜、片材，如PE、PP薄膜料，编织袋、纤维等材料回收。

Patch-shape blade bed system is suitable to recovery of crushing film and sheet materials, such as PE,PP crushing film,weaving bags and fibre material

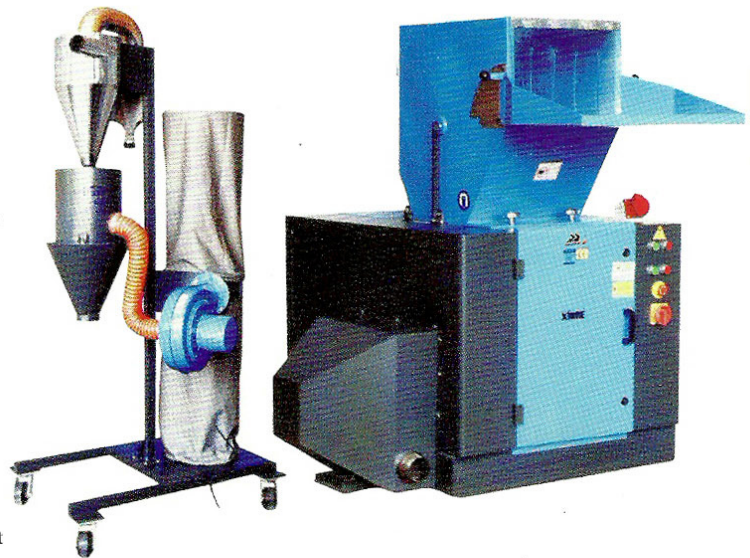
型号 Model	BFS-300P	BFS-400P	BFS-500P	BFS-600P	BFS-800P
功率(kw) Power	5.5	7.5	11	15	22
动刀数量 Quantity of rotating blades	3	6	6	6	6
定刀数量 Quantity of fixed blades	2	2	2	4	4
筛网孔径(mm) Screen size	Ø10	Ø10	Ø10	Ø12	Ø12
重量(kg) Weight	480	660	900	1400	1950
最大碎料量(kg/hr) Max.breaking capacity	200-300	400-600	500-700	600-800	700-900
进料口尺寸(mm) Size of feeding inlet	300x210	400x240	500x300	600x310	800x400
外形尺寸(mm) External size	1100x800x1200	1300x900x1400	1450x1050x1500	1500x1250x1720	2000x1400x2100

BG系列粉碎机适用于粉碎各种塑胶材料，包括注射成型，吹塑成型，挤出成型和废料的集中粉碎。该系列粉碎结构严谨，操作方便，换刀简便快捷；渐切式一体化动力设计，切割效果更好，噪音更低。

BG grinder is suitable for grinding various rubber and plastic, including injection molding, blowing molding, extruding molding, and waste material central grinding. This series has compact structure, easy operation, knife replacement in quick and convenient, integral advancing force of gradually cutting design with good cutting efficiency, low noise.

### 特点 Features

- ◆ 设计结构严谨，采用全封闭式隔音箱，噪音低
- ◆ 适用与各种塑料粉碎，如注模件，浇口，型材等塑料
- ◆ 刀具采用进口优质材质，耐磨，使用寿命长，并且可重复使用
- ◆ 加装电流继电器，马达配备过载保护及多重安全保护装置，操作安全
- ◆ 配备风机，可自动送料
- ◆ 配备落地式旋风集尘器，可有效过滤粉尘，并可依使用需求调整高度
- ◆ 配备高标准安全系统，操作保养安全可靠
- ◆ 可调送料口角度，便于输送带送料
- ◆ Compact desined structure, adopt full enclosure insulation box, low noise
- ◆ Suitable for various plastic grinding, such as puring head, mold part ends, shaped material ends etc
- ◆ The knives made of imported top quality material, durable, long using life can be used repeatly
- ◆ Added current relay, and overloading protector and multiple safety protection device, safe in operation
- ◆ Equipped air fan, automatic material charging
- ◆ Equipped ground dust arrester,can filter the powder effeciently,and the height can be adjusted according to the requirements
- ◆ Equipped high standaedized safety system, safe and reliable in operation and maintenance
- ◆ The material charging angle is adjustable, it is convenient for conveying by belt



### 主要技术参数 Main Technical Data

型号 Model		BG-2840	BG-3460
电机功率(kw)	Power	7.5	15
送料风机功率(kw)	The power of material charging air fan	1.5	2.2
定刀数量	Quantity of fixed blades	21	24
动刀数量	Quantity of rotating blades	2	4
尺寸	Size	400x240	600x310
最大碎料量(kg/hr)	Max.breaking capacity	400-600	700-900
粉碎时噪音dB(A)	Noise of grinding	80~85.6	80~85.6
筛网孔径(mm)	Screen size	Ø10	Ø12
粉碎料输送装置	Convey equipment of grinded material	风机 Air fan	风机 Air fan
增大送料风机功率(kw)	Increase power of air fan	1.5	2.2
粉尘分离系统	Dust and powder seperating system	送配 For selection	送配 For selection
进料口加装磁铁	Amounted magnetic iron on charging inlet	送配 For selection	送配 For selection

BG系列中速粉碎机适用于各种塑胶材料的粉碎再利用，包括塑料边角料、浇口料之用，适合软氯、尼龙、ABS等各种软硬塑料。该机构紧凑、造型美观、操作方便、转动刀优化设计适用耗达到最小，切削效率更高。

BG series medium speed granulators is adopted to waste all kinds plastic,including leftover material,nylon,ABS and so on. Its structure is impact operation is convenient.The design of arotating blades can save electricity and make crushing efficiency more excellent.

**特点 Features**

- ◆ 主电源隔离开关，电源连锁保护系统，保障操作安全
- ◆ 风机自动送料，配立即回收系统，减少原料污染，同时减省人力，也可选配高压空气送料
- ◆ 减速马达附有过负荷保护装置及多种安全保护装置
- ◆ 动刀特殊设计，刀磨安装后无需调节刀具间隙
- ◆ 定刀设计为4刃，减少刃磨次数，持久耐用
- ◆ 刀具有特殊钢制作而成。锋利、耐磨、粉碎颗粒均匀末少
- ◆ 进料斗顶部设视窗，能随时了解粉碎室粉碎情况
- ◆ 易拆式设计结构严谨，清理维修方便快捷
- ◆ Main power insulation switch, power source interlocking protection system, guarantee safety in operation
- ◆ Air fan automatic feeding with instant receiving system, reduce waste material pollution, at same time the high-pressure air feeding are available
- ◆ The reduction motor amounted overloading protector and multiple safe protection devices
- ◆ Special designed moving knife, the sharpened knife is not required to adjust the gap after amounting
- ◆ Shim designed in four edges, reduce sharpening times, as well as durable
- ◆ The knives are made of special steel, sharp, durable and breaking the plastic in even with less smalls
- ◆ The inlet of bunker mounted viewing window,can observe the inner condition of grinding chamber in anytime
- ◆ Dismountable structure design, convenience and easy for clean and maintenance



**主要技术参数 Main Technical Data**

机型 Model	功率(kw) Power	粉碎室尺寸(mm) Crushing chamber	回转直径(mm) Steady turning diameter	转速(r/min) Speed	粉碎能力(kg/h) Crushing capacity
BG-1820	1.5	180x200	180	120	30-50
BG-1830	2.2	180x290		150	50-70
BG-1840	4	180x400		150	70-90

机型 Model	固定刀(件) Fixed blades	活动刀(件) Rotating blades	筛网孔径(mm) Screen size	重量(kg) Weight	风机(kw) Blower
BG-1820	2	31	Ø6	145	0.55
BG-1830		30		165	0.55
BG-1840		42		185	0.55

## 特点 Features

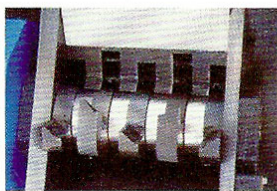
- ◆ 慢速机边回收机属于无筛网塑料回收粉碎机低速运转，专门设计用于粉碎注塑机产生的各种类型料头、次品(包括各种硬性塑料)等回收利用
- ◆ 该机具有工作时运转稳定无噪音，无粉尘污染。而且产品造粒均匀，设备运转中无过热现象，具有好的安全性及环保性，省电、耐用等特点
- ◆ 本机采用上下刀片两次粉碎，刀架在原有的基础上优化设计，可分散受力度更好剪切切割，更适合粉碎硬性厚材料。刀片同时采用加Cv12MV材料加工而成
- ◆ 本机的慢速电动机采用台湾进口的齿轮减速机
- ◆ 本机同时配有上材料系统使操作更加方便。60秒内立即回收使水口料不因氧化、温化(吸收水蒸气污染而造成塑料之物理强度，应力、颜色、光泽遭到破坏，提高成型产品之品质降低成本)
- ◆ 慢速粉碎机附件都采用铝和不锈钢制成，料斗可选用低斗和高斗，并开有视窗口，使用机械手操作
- ◆ As a plastic machine attached machine the slow speed granulator is a non-mesh slow speed plastic recycling unit specially designed for granulate the shorts, defective products(include various hard pl-astics)the plastic machine produced
- ◆ The machine is characterized with stable and non-noise running, no powder pollution, granulating uneven, no-overheating in operation, as well as the meritsof safety, environment-friendly, power-saving, long time using life
- ◆ Use upper and lower knives for two times cutting, the knife frame is optimized base on former design. Is more suitable for hard and thick plastic cutting. The knives made of Cv12MV contented material
- ◆ Use slow speed motor and imported gear reducer from Taiwan
- ◆ Equipped charging system with convenient operation. Can retrieve in 60 seconds so the water and r-trieved material will not be oxygenated and warmed up (damage or reduce the physical quality, tension, color, brightness)promote product qualityand reduce cost
- ◆ The parts and fittings are made of aluminum and stainless steel, the both low and high hopper are available with view windows and operated by mechanical hand



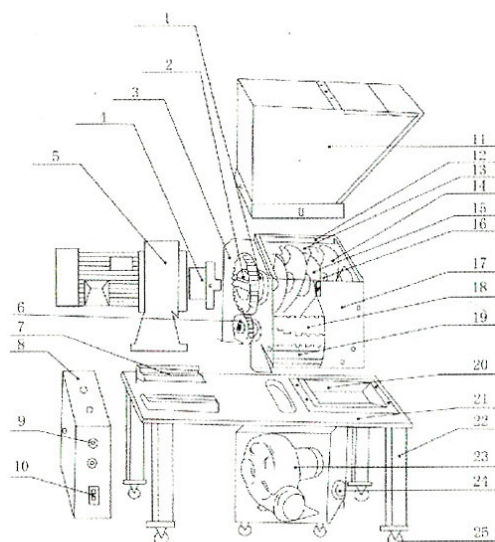
## 主要技术参数 Main Technical Data

机型 Model	功率(kw) Power	外型尺寸 LxWxH (mm) Overall dimension	粉碎能力(kg/h) Crushing capacity	粉碎刀具尺寸(mm) Size of knife	粉碎室径口(mm) Diameter of granulating chamber	转速(r/min) Speed	重量(kg) Weight
BG-180	0.75	340x750x950	5-8	180	210x210	35	135
BG-265	1.5	380x880x1100	8-15	265	265x265	42	260
BG-340	2.2	600x1000x1200	10-20	340	340x340	42-46	350

## 慢速粉碎机结构图



爪刀  
Pawshaped knife



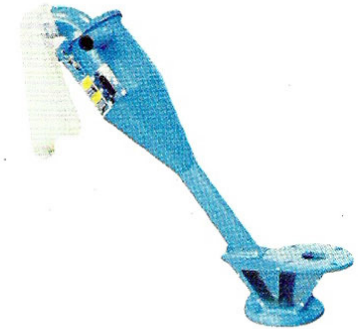
- |           |                           |
|-----------|---------------------------|
| 1. 轴承     | 1. bearing                |
| 2. 大齿轮    | 2. large gear             |
| 3. 齿轮台    | 3. gear table             |
| 4. 法兰     | 4. flange                 |
| 5. 电线     | 5. wire                   |
| 6. 小齿轮    | 6. small gear             |
| 7. 电机支架   | 7. support frame of motor |
| 8. 配电箱    | 8. allocation cabinet     |
| 9. 开关     | 9. switch                 |
| 10. 风机开关  | 10. switch off fan        |
| 11. 料斗    | 11. bunker                |
| 12. 三角铝   | 12. triangular aluminum   |
| 13. 大刀架   | 13. large knife bracket   |
| 14. 大刀    | 14. large knife           |
| 15. 小刀    | 15. small knife           |
| 16. 寸圈    | 16. washer                |
| 17. 面板    | 17. panel                 |
| 18. 滚刀    | 18. rolling knife         |
| 19. 寸挡    | 19. damper                |
| 20. 不锈钢挡板 | 20. stainless guard       |
| 21. 总面板   | 21. general panel         |
| 22. 脚     | 22. feet                  |
| 23. 鼓风机   | 23. blowing machine       |
| 24. 料箱    | 24. charging box          |
| 25. 方向轮   | 25. direction wheel       |



A型  
A type



B型  
B type



比例分离器  
Ratio separator

**特点 Features**

- ◆ 采用进口特种工具钢精制刀具，刀具间隙可调整，可以重复刃磨，经久耐用
- ◆ 30秒内立即回收，不必集中粉碎，并确保干净、干燥
- ◆ 采用低速、隔音处理，噪音极小
- ◆ 配备双重限位开关、急停装置，保证操作者安全
- ◆ 进料斗采用优化设计，特殊防锈处理，避免物料在粉碎过程中泄漏及污染
- ◆ 出料装置完美的设计，使操作者清理极为方便
- ◆ Highly finished cutting tools made of imported special tool steel, the clearance of which are adjustable. The cutting tools are durable and can be ground repeatedly
- ◆ Recovery can be completed within 30 seconds
- ◆ There is no need to grind collectively and therefore the equipment can always be kept clean and dry. low speed and with sound isolation, so the noise is very little
- ◆ Equipped with double spacing switch and automatic sudden stop arrangement. It can efficiently guarantee the safety of operators
- ◆ Inlet hopper is designed specially with antirust device which can efficiently prevent from leak and pollution in the grinding process
- ◆ Outlet hopper perfectly designed makes it quite convenient for operators to clean the machine

**主要技术参数 Main Technical Data**

型号 Model		BFS-180G-A	BFS-180G-B	BFS-230G
电机功率(kw)	Power	2.2	2.2	3
动刀数量	Quantity of rotating blades	9	9	9
定刀数量	Quantity of fixed blades	2	2	2
筛网孔径(mm)	Screen size	Ø6-Ø8	Ø6-Ø8	Ø8
重量(kg)	Weight	100	100	180
最大碎料量(kg/hr)	Max.breaking capacity	120	120	200
进料口尺寸(mm)	Size of feeding inlet	180x136	180x160	230x160
外型尺寸(mm)	External Size	850x500x1000	850x720x1250	960x960x1250





# BHS-卧式、滚筒式、立式混色机

BHS-Horizontal, Rolling Barrel Type, Vertical color Mixer

卧式混色机  
HORIZONTAL COLOR-MIXER



滚筒式混色机  
ROLLING BARREL TYPE  
COLOR-MIXER



立式混色机  
VERTICAL COLOR-MIXER



## 特点 Features

- ◆ 料筒和搅拌叶采用全不锈钢制造，清洗容易，绝无污染
- ◆ 连锁安全保护装置，确保操作者及机器本身的安全
- ◆ 用料厚，坚固耐用
- ◆ 短时间内完成均匀混合，低耗能、高效率
- ◆ 自动停止装置，可设定0~15分钟自动停止
- ◆ 出料口配手动开料板，下料方便
- ◆ 机脚与机身采用全部焊接，结构牢固
- ◆ 立式混色机可选配万向脚轮及刹车。便于移动
- ◆ Both mixing pail and vane are made of stainless steel, easy to clean and absolutely no pollution
- ◆ The chain safety device can protect the safety of operator and machine
- ◆ The material is thick, strong and durable
- ◆ Well-distributed mixing can be done in a shot time, low energy consumption and high efficiency
- ◆ Time setting can be controlled easily and precisely in the range of 0-15 minutes
- ◆ Material outlet amounted manual discharging board, convenient for discharging
- ◆ Machine feet welt with machine body. a firm struture
- ◆ The standing color mixer can be equipped universal feet wheel and brake, convenient for moving



立式混色机可选配移动脚轮  
IT CAN USE TRUNDLE FOR VERTICAL  
COLOR-MIXER

## 主要技术参数 Main Technical Data

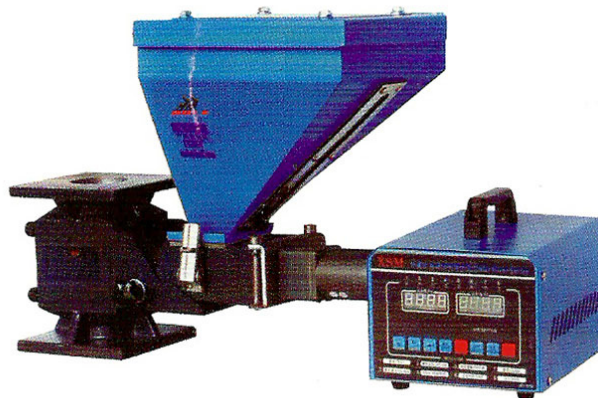
机型 Type	型号 Model	电源 Power	电机功率(kw) Motor power	混合量 Mixing capacity	外型尺寸(mm) External Size	重量(kg) Weight
		V	kw	kg/min	mm	kg
卧式 Horizontal	BHS-100kg	380V 3Ø	3	100/3	1150x800x1300	280
	BHS-150kg		4	150/3	1400x800x1300	398
	BHS-200kg		4	200/3	1376x750x1465	468
滚筒式 Rolling Barrel Type	BHS-50kg		0.75	50/3	820x950x1300	120
	BHS-100kg		1.5	100/3	1100x1100x1450	155
立式 Vertical	BHS-20kg		1.5	50/3	860x740x1110	150
	BHS-100kg		3	100/3	1200x1150x1480	230
	BHS-200kg		5.5	200/3	1400x1200x1550	280

BCM计量色母混合机适用于新料、次料、色母或添加剂等的自动比例混合。该系列机型使用直流无刷式马达，依据预先设定的比例混合，通过全数位微电脑控制系统设定的条件自动转换成转速直接驱动精密螺杆挤出原料，其误差值不高于±1%。该产品的马达减速比例为30：1及75：1两种，螺杆直径区分为12，14，16mm三种，可演变出六种机型提供每小时0.1到38公斤的不同输出量供客户选择。另有变色色母机，可依客户需求搭配任意两台色母机合并使用。

Model BCM volumetric plastic masterbatch mixer is suitable used for new material, secondary material, plastic masterbatch or additive automatic proportional mixing. This series matched DC non-blush motor, mix according to pre-setting proportion, through the setting elements of whole-digital micro-computer system to convert rotation speed to drive the precision screw bar extrusion material, the error value is within ±1%, the reduction ratio of this series 30:1 and 75:1, the diameters divided into 12, 14, 16 mm three kinds, the six machine types for customers selection, including 0.1-38 kg output quantity. The discoloration color doser are available to meet customers' demands, any two sets of color doser are available.

- ◆ 具备数据的永久记忆及储存功能；
- ◆ 使用直流无刷式马达，无需保养；
- ◆ 采用微电脑式控制，智能化精确计算；
- ◆ 可同时满足外部信号输入的要求；
- ◆ 螺杆采用镀铬处理，经久耐用；
- ◆ 模块式的装配结构，拆装方便，易于清理及互换；
- ◆ 单色色母机的标准底座配备三管料斗磁铁，可吸附金属物，防止成型机螺杆损坏；
- ◆ 单色色母机机型可选配搅拌器底座，是混料均匀；
- ◆ 配备搅拌器的底座为双色色母机的标准配备，它可以满足客户双重混料需求；
- ◆ 主原料斗为双色色母机的标准配备，单色色母机可选配。

- ◆ With date ever memory and storage function
- ◆ Use DC non-blush motor, without maintenance requirements
- ◆ Micro-computer control, intelligent accurate
- ◆ Can meet the requirements of external signal input
- ◆ The screw bar is plated of chromium, is durable and long using life
- ◆ Module type assembled structure, easy for mounting and dismounting, convenient for clean and replacement
- ◆ Single color plastic masterbatch mixer, its typical base mounted magnetic iron for three pipe bunker, can absorb metals, prevent the damage of screw bar of machine.
- ◆ The stirrer base are available for single color plastic masterbatch mixer, mixing in even
- ◆ The stirrer equipped base are typical double color plastic masterbatch mixer, can meet customers' requirement for two color mixing
- ◆ The main bunker are typical equipment of double plastic masterbatch mixer, the single color is also available



内别 Model:		单色机 Monochrome machine						双色机 Two-color machine		
型号 Model		BCM30-16	BCM30-14	BCM30-12	BCM75-16	BCM75-14	BCM75-12	BCM-D-30/30	BCM-D-30/75	BCM-D-75/75
输出量(kg/hr)	Output quantity	1.1~38	0.6~20	0.3~10	0.5~17	0.2~8	0.1~4	*	*	*
马达功率(W)	Motor power	60	60	60	60	60	60	60x2		
马达转速(rpm)	Rotation of motor	0~3000	0~3000	0~3000	0~3000	0~3000	0~3000	0~3000		
储料桶(L)	Material storage tube	10	10	10	10	10	10	10		
减速比	Outer diameter of screw bar	30:1	30:1	30:1	75:1	75:1	75:1	30:1/30:1	30:1/75:1	75:1/75:1
螺杆外径(mm)	Reduction ratio	16	14	12	16	14	12	**	**	**
主原料斗	Main	选配 For selection						标准 Standard		
搅拌器	Stirrer	选配 For selection						标准 Standard		
搅拌器功率	Power of stirrer	0.09kw								
搅拌器电压	Voltage of stirrer	6Ø,380V,50HZ								
主电压	Main voltage	1Ø,220V,50aHZ								
外型 Overall appearance	H(mm)	390						600		
	W(mm)	530						910		
	D(mm)	355						355		
重量(kg)	Weight	16						33		



# BCB-L型上行式皮带输送机

**BCB-L Type  
Up- Style  
Conveyor Belt**

用途：适用于塑料粉碎机输送物料

Usage: apply to convey materials for plastic granulators



## 特点 Features

- ◆ 整体式板金成型，刚性强，不易变形；
- ◆ 欧式设计，可靠耐用，适用寿命长；
- ◆ 移动灵活，高度可调节；
- ◆ 可实现与其它平面输送机接驳使用；
- ◆ 免于安装调整，操作简单。
- ◆ Integral sheet metal forming, steel is strong and difficult to deformed
- ◆ European-style design, reliable, durable and long life;
- ◆ Moving flexible, highly can adjust;
- ◆ Achieved with other planar conveyor' belts connected to use;
- ◆ Easy to install, adjust and operate

## 主要技术参数 Main Technical Data

规格 Model	A	B	C	D	E	F	G	H	I	L	M	N
BCB/1	700	1300	250	354	360	470	915 <sub>+65</sub>	257 <sub>+65</sub>	365 <sub>+65</sub>	1810	505	845
BCB/2	700	1300	350	454	460	570	915 <sub>+65</sub>	257 <sub>+65</sub>	365 <sub>+65</sub>	1810	505	845
BCB/3	700	1300	450	554	560	670	915 <sub>+65</sub>	257 <sub>+65</sub>	365 <sub>+65</sub>	1810	505	845
BCB/4	700	1800	250	354	360	470	1130 <sub>+135</sub>	192 <sub>+135</sub>	300 <sub>+135</sub>	2230	650	910
BCB/5	700	1800	350	454	460	570	1130 <sub>+135</sub>	192 <sub>+135</sub>	300 <sub>+135</sub>	2230	650	910
BCB/6	700	1800	450	554	560	670	1130 <sub>+135</sub>	192 <sub>+135</sub>	300 <sub>+135</sub>	2230	650	910

## BC-01aci Small Automatic Cold Water Machine

## BC-01ACI小型自动冷水机



该机主要是为有小型冷凝器设备的冷却，比如特殊伺服电机，油冷凝器等封闭式系统的冷却。

Due to the starve cooling made by small-sized condensation equipment, such as special servo motor, oil condenser etc full enclosure systemic cooling

### 特点 Features

- ◆ 不锈钢敞开水箱，便于清洗
- ◆ 透明水位视液镜，便于观察水位
- ◆ 自动缺水报警，提醒及时补水
- ◆ 一键式启动，操作简单
- ◆ 安装方便，体积小，重量轻
- ◆ Stainless steel open-type water tank, easy for clean.
- ◆ Transparent water level glass, convenient for observing of water level
- ◆ Automatic alarm of water shortage, give notice water filling in time
- ◆ One-button start, easy for operation
- ◆ Easy for installation, small body, light weight



### 主要技术参数 Main Technical Data

型号 Model	参数 Parameter	功率 Power W	流量 flow m <sup>3</sup> /h	出水压力 Water pressure Pa	储水量 Quantity of water storage L	重量 Weight KG	尺寸 Size mm
BC-01ACI		520	2.5	0.1	10	35	600x500x650

注：产品规格若有变化，恕不另行通知。

Note: We reserve the right to make some changes of products specifications without notice.



# BC-WC1水冷箱式工业冷水机

**BC-WC1 Water Cooled Cased Industrial Chiller**

工业冷水机乃特为塑胶工业而设计。能有效地提高机器生产效率，提高产品品质及增加利润。

The industrial chiller is specially designed on purpose to be used in the plastic manufacturing industry. This equipment can greatly raise the working efficiency of manufacturing machines and obviously improve the quality of products and thus, ea rmore profit.

## 特点 Features

- ◆ 压缩机采用原装进口(COPELAND)。内置安全保护装置，从而大大减小机组损坏。  
台湾名牌水泵，美国，墨西哥，丹麦，日本等进口制冷系统配件
- ◆ 壳管式冷凝器，不锈钢厚货水箱式蒸发器，清洗维护方便，并设有自动补水装置(注：风冷式产用板式散热器适用于水资源缺乏、水质较差地区)
- ◆ BC-20以上机组采用两组或四组压缩机，可分段或同时使用，减轻特定情况下的不必要能源损耗
- ◆ 完全保护故障指示系统完善，包括有(压缩机过载保护，水泵过载保护、高低压保护，逆相缺相保护)
- ◆ 数字智能温度控制器，精确控制水温5°C ~ 35°C
- ◆ Compressor is used "COPELAND" brand which made in the USA . The inside safety protection can guarantee the long lasting of the chiller well . The pump is used made in Taiwan and all parts of cooling system are imported from the USA . Mexico . Denmark and Japan
- ◆ Equipped with shellpipe condenser and stainless steel cased evaporater,which are quite easy to be cleaned and maintained . Equipped with automatic water supply device in the water-tank . Air cooled cased chiller with board type evaporator is suitable for the district of lack of water resource and district of poor water quality
- ◆ Larger than model BC-20 are assembled 2 sets or 4 sets of compressors , so they are able to used as separate or together to reduce the resou rce waste
- ◆ Complete with safety protection and error indication system , including compressor over load protection , pump over load protection , high pressure and low pressure protection and phase failure protection
- ◆ Equipped with figure intellectualized temperatu re controls , which can accurately measure and control water temperature within the range of 5°C~35°C

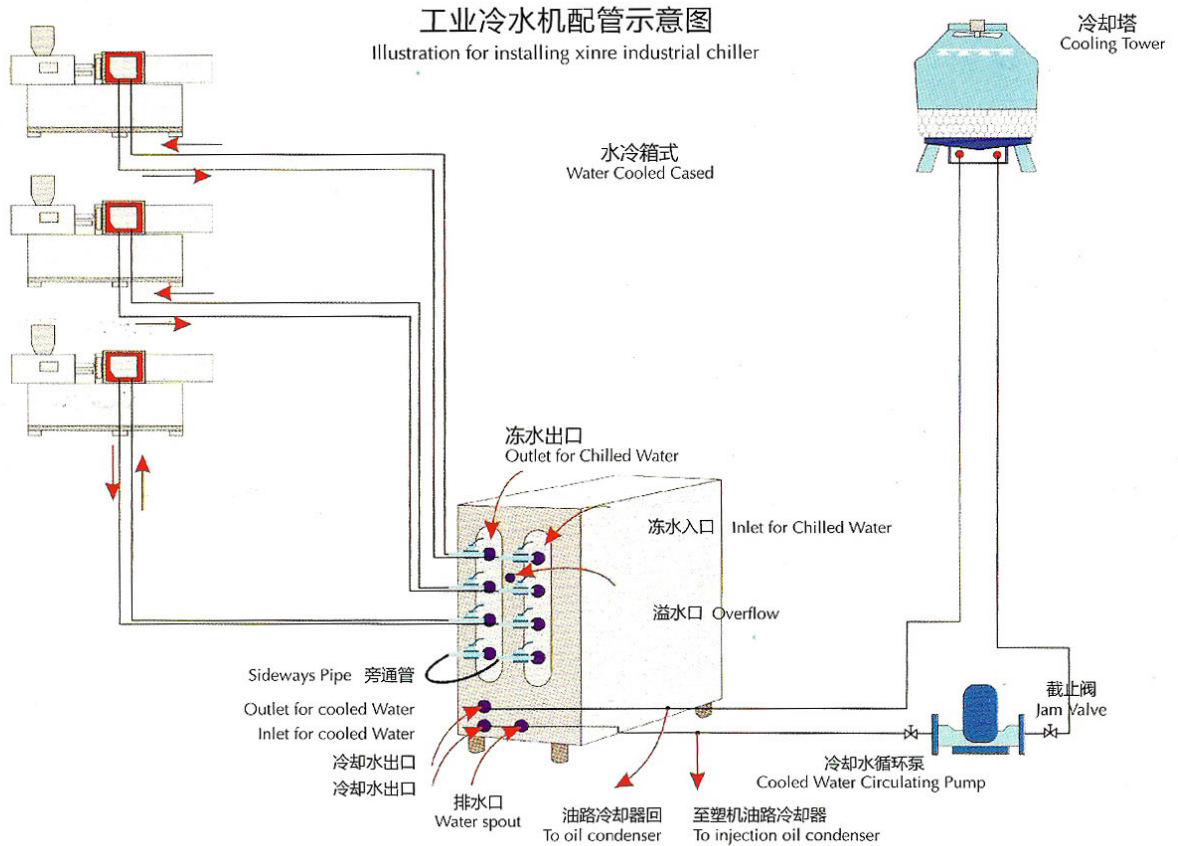


## 主要技术参数 Main Technical Data

规格 Specifications			BC-03WC1	BC-05WC1	BC-08WC1	BC-10WC1
4.4/38°C冷量	Cooling capacity	Kcal/h	7580	13500	21150	28000
压缩机	Compressor					
压缩机输入功率	Compressor power	Kw	2.5	4.4	7	9
冷媒	Refrigerant					
冻水泵输入功率	Chilled water pump power	Kw	0.75	0.75	0.75	0.75
10°C冻水最大流量	Max flow rate of chilled water	L/min	55	120	120	200
最大扬程	Max pressure	m	9	25	25	16
冻水进出水管	Flow water inlet and outlet pipe	"	1"	1"	1"	1.5"
冷却水流量	Condensing water rate	L/min	≥36	≥60	≥100	≥135
冷却水接管	Chilled water inlet and outlet pipe	"	1"	1"	1.5"	1.5"
水冷箱式外形	Size length	长(mm)	850	850	1000	1150
	Size width	深(mm)	560	560	750	800
	Size height	高(mm)	870	1040	1100	1150
水箱容量	Water tank capa.	L	38	70	130	170
重量	Weight	Kg	180	220	320	400

**BC-WC1 Water Cooled Cased Industrial Chiller**

**BC-WC1水冷箱式工业冷水机**



适用机械有：油温，超音波，高调波机械冷却、射出成型模具冷却、塑胶中空成型冷却、塑胶押出成型冷却。

Applied Machinery: Cooling system of oil temperature, ultrasonic, high frequency machinery. Cooling system of injection molding machinery. Cooling system of blow molding machinery. Cooling system of extruder

加装配件的选择：1. 定时开关 2. 大型水质滤芯器 3. 防漏电保护开关 4. 冷却水塔及水泵

Additional equipment for option: 1. Starter of timer switch. 2. Large type of water filter. 3. Protection switch for prove the electric leakage. 4. Cooling tower and pump.

BC-12WCI	BC-15WCI	BC-20WCI	BC-25WCI	BC-30WCI	BC-40WCI	BC-50WCI	BC-100WCI
4400	41000	50000	60000	77600	101780	121400	246000
全封闭涡流式 All-closed Vorticity							螺杆压缩机 Screw bar compressor
10.2	13.4	18	20.4	26.8	35	40	74
R22 (R407,R502环保型选配)							
0.75	1.5	2.2	2.2	4	7.5	7.5	8
200	400	400	400	400	600	600	900
16	20	30	30	50	55	55	60
1.5"	1.5"	2"	2"	2"	3"	3"	5"
≥200	≥200	≥240	≥300	≥300	≥340	≥400	≥800
1.5"	1.5"	2"	2"	2"	2"	2"	4"
1250	1500	1700	1700	2100	2100	2300	2500
850	900	950	1000	1100	1200	1400	1500
1050	1200	1200	1300	1300	1500	1500	1700
无水箱(干式蒸发器) Non-water box (dry-type)							
220	260	300	380				
420	450	550	650	750	860	1200	2200



# BC-ACI风冷箱式工业冷水机

BC-Aci Air  
Cooled Cased  
Industrial  
Chiller

工业冷水机乃特为塑胶工业而设计。能有效地提高机器生产效率，提高产品品质及增加利润。

The industrial chiller is specially designed on purpose to be used in the plastic manufacturing industry . This equipment can greatly raise the working efficiency of manufacturing machines and obviously improve the quality of products and thus , earn more profit .

## 特点 Features

- ◆ 压缩机采用原装进口(COPELAND)。内置安全保护装置，从而大大减小机组损坏。台湾名牌水泵，美国，墨西哥，丹麦，日本等进口制冷系统配件
- ◆ 壳管式冷凝器，不锈钢厚壳水箱式蒸发器，清洗维护方便，并设有自动补水装置(注：风冷式产用板式散热器适用于水资源缺乏、水质较差地区)
- ◆ BC-20以上机组采用两组或四组压缩机，可分段或同时使用，减轻特定情况下的不必要能源损耗
- ◆ 完全保护故障指示系统完善，包括有(压缩机过载保护，水泵过载保护、高低压保护，逆相缺相保护)
- ◆ 数字智能温度控制器，精确控制水温5°C ~ 35°C
- ◆ Compressor is used "COPELAND" brand which made in the USA . The inside safety protection can guarantee the long lasting of the chiller well . The pump is used made in Taiwan and all parts of cooling system are imported from the USA . Mexico . Denmark and Japan
- ◆ Equipped with shell pipe condenser and stainless steel cased evaporator, which are quite easy to be cleaned and maintained . Equipped with automatic water supply device in the water-tank . Air cooled cased chiller with board type evaporator is suitable for the district of lack of water resource and district of poor water quality
- ◆ Larger than model BC-20 are assembled 2 sets or 4 sets of compressors, so they are able to be used as separate or together to reduce the resource waste
- ◆ Complete with safety protection and error indication system, including compressor over load protection, pump over load protection, high pressure and low pressure protection and phase failure protection
- ◆ Equipped with figure intellectualized temperature controls, which can accurately measure and control water temperature within the range of 5°C ~ 35°C

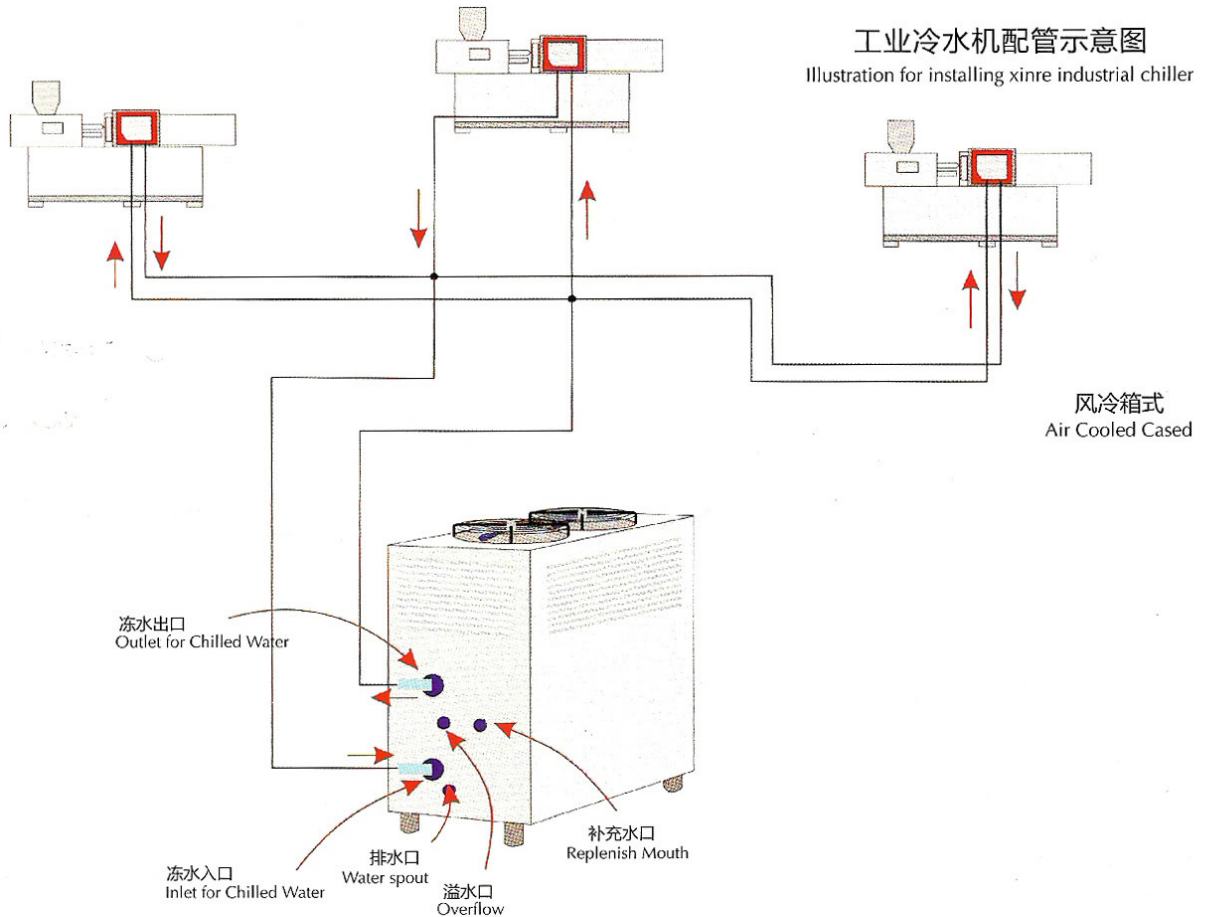


## 主要技术参数 Main Technical Data

规格 Specifications			BC-03ACI	BC-05ACI	BC-08ACI	BC-10ACI
4.4/54.4°C冷量	Cooling capacity	Kcal/h	6800	12040	19000	25200
压缩机	Compressor					
压缩机输入功率	Compressor power	Kw	2.5	4.4	7	9
冷媒	Refrigerant					
冻水泵输入功率	Chilled water pump power	Kw	0.75	0.75	0.75	0.75
10°C冻水最大流量	Max flow rate of chilled water	L/min	55	120	120	200
最大扬程	Max pressure	m	9	25	25	16
冻水进出水管	Flow water inlet and outlet pipe	"	1"	1"	1"	1.5"
冷却风机功率	Cooling fan power	Kw	0.25	0.5	0.5	0.5
水冷箱式外形	Size length	长(mm)	1030	1100	1220	1220
	Size width	深(mm)	680	700	800	930
	Size height	高(mm)	1270	1400	1450	1600
水箱容量	Water tank capa.	L	53	88	120	200
重量	Weight	Kg	210	290	400	450

**BC—Acl Air  
Cooled Cased  
Industrial  
Chiller**

**BC—ACI风冷箱式工业冷水机**



适用机械有：油温，超音波，高调波机械冷却、射出成型模具冷却、塑胶中空成型冷却、塑胶押出成型冷却。  
Applied Machinery: Cooling system of oil temperature, ultrasonic, high frequency machinery. Cooling system of injection molding machinery. Cooling system of blow molding machinery. Cooling system of extruder

加装配件的选择：1. 定时开关 2. 大型水质滤芯器 3. 防漏电保护开关 4. 冷却水塔及水泵  
Additional equipment for option: 1. Starter of timer switch. 2. Large type of water filter. 3. Protection switch for prove the electric leakage. 4. Cooling tower and pump.

BC-2ACI	BC-15ACI	BC-20ACI	BC-25ACI	BC-30ACI	BC-40ACI	BC-50ACI	BC-100ACI
400	37000	45000	54000	76600	92800	113000	243000
全封闭漩涡式 All-closed Vorticity							螺杆压缩机 Screw bar compressor
0.2	13.4	18	20.4	26.8	35	40	74
R22 (R407,R502环保型选配)							
0.75	1.5	2.2	2.2	4	7.5	7.5	8
1.00	400	400	400	400	600	600	900
1.6	20	30	30	50	55	55	60
1.5"	1.5"	2"	2"	2"	3"	3"	5"
0.5	1	1	1.5	1.5	3.2	3.2	5
0.220	1220	1700	1980	1900	2000	2100	3600
0.30	1050	1100	1160	1200	1200	1300	1800
0.500	1600	1920	1800	2000	2100	2100	1800
0.00	240	380	600	250	无水箱(干式蒸发器) Non-water box (dry-type)		
0.00	550	700	750	820	980	1600	2800





# BC-螺杆式冷水机

BC—Screw  
Style Chiller

BC—XXS系列螺杆式冷水机主机均采用德国BITZER半密闭式双螺杆压缩机，具有卓越的技术特性，分为单压缩机和双压缩机两种机型。且适用于R22、R407、R134a等多种冷媒。高效率卧式壳管式冷凝器与蒸发器均有“BR1”级国家压力容器制造许可，换热稳定，维修保养方便。先进的微电脑控制，功能强大，采用高速嵌入式微处理器，性能远高于同类产品中使用的单芯片机。

BC-XXS series screw style chillers host used German BITZER semi-hermetic screw compressors have outstanding technical characteristics into single compressor and two-compressor models. Is applicable to R22, R407, R134a and other refrigerant. High efficiency horizontal shell and tube condenser and evaporator have "BR1" state permission to create pressure vessel. heat stability and maintenance convenience. Advanced micro-computer controller, a powerful, high-speed embedded microprocessor performance is much higher than similar products used in the single-chip machine.

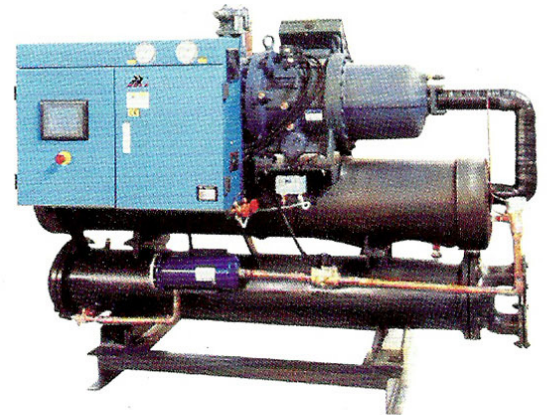
## 特点 Features

- ◆ 德国制造半密闭式双螺杆压缩机，轴承寿命长，可确保长时间运转；
- ◆ 压缩机双重的能量调节方式，可依客户需求做调整以达节能的效果；
- ◆ 冷凝器与蒸发器均符合国家需求，高效热交换性能，且维修保养方便；
- ◆ 控制器扩通性能良好，可方便硬件及程序的扩展与升级；
- ◆ 技术使微电脑控制器的硬件组件具自我诊断能力，能自动排除故障；
- ◆ 配备稳定性高的记忆体，512K的程序存储容量及128K的断电数据保存容量，可大量存储资料且不会流失；
- ◆ 独特的屏幕保护系统使触控屏寿命可达十年以上；

## 主要技术参数 Main Technical Data

内别 Model		单压缩机系列 Single Compressor			
型号 Model		BC-50WCS	BC-60WCS	BC-70WCS	
额定制冷量 Rated Cooling Capacity	50HZ	BTU/H	558100	678620	798030
		KCAL/H	134150	165080	198230
		KW	162	190	226
		USRT	44	55	65
输入电源 Power Supply		50Hz			
输入功率 Power		KW	38	45	52
制冷回路 Refrigerant Flow control					1
冷媒流量控制 Refrigerant flow control					
冷媒 Refrigerant					
压缩机 Compressor	款式 Type				
	数量 Quantity		1	1	1
	启动方式 Start method				
	容量控制 Capacity control		%		
冷凝 Condensation	款式 Type				
	数量 Quantity		1	1	1
冷却水压力损失 Chilled water pressure lost		Kpa	39	40	43
冷却水流量 Flow rate of chilled water		m <sup>3</sup> /h	31	34	45
蒸发器 Ecaporator	款式 Type				
	数量 Quantity		1	1	1
冷冻水流量损失 Chilled water pressure lost		Kpa	61	65	67
冷冻水流量 Flow rate of chilled water			28	31	45
温控仪 Temperature control					
安全保护装置 Safety protection device			压缩机过热保护, Protection of compressor overheat, Protection of electrical		
管道连接尺寸 Pipe size	冷冻水进/出 Chilled water into/out		3	3	3
	冷却水进/出 Cooling water into/out		3	3	3
机器重量 Machine weight		kg	870	1060	1130
运行重量 Operation weight		kg	1010	1200	1550
外形尺寸 External size		cm	192x82x165	192x82x165	198x85x170

- ◆ 故障查询能与故障统计功能可以按故障序号、故障次数和发生时间来分析故障发生原因，以便加以改善；
- ◆ 可随时查看各点实际温度并作维修修改设定，此外上可显示一小时及一天的温度曲线；
- ◆ 具远程控制开关机功能，可实现一次定时开关机及每周定时开关机的应用。每天做多可设定开关机达3次；
- ◆ 支持多语言在线切换。
- ◆ Germany semi-hermetic screw compressors, bearings longevity will ensure long-term operation;
- ◆ Double-conditioning compressor energy, follow customer demand made adjustments to achieve energy saving effect ;
- ◆ Condenser and evaporator meet national needs, the highly efficient heat exchanger performance, and maintenance convenience ;
- ◆ Controller dilate in good condition and can facilitate the expansion and upgrading of hardware and procedures ;
- ◆ Watchdog technology to the micro-computer controller hardware components with self-diagnostic capabilities.automated troubleshooting ;
- ◆ Equipped with the high stability of memory, storage capacity of 512K procedures interfacing to the power outages and maintain data capacity, and also a substantial loss of data storage ;
- ◆ Screen Protection System.which allow for a unique auditorium screen life span of 10 years or more.
- ◆ Inquiries can be functional fault by fault and statistics serial number of failures occurred and to analyze the causes for failure to be improved ;
- ◆ Actual temperature and can be done at any time to check points set changes, in addition to an hour and a one-day show on the temperature curve ;
- ◆ Machine with remote control switches can be realized by a timer switch planes and weekly machine timer switch applications.Switching planes can be set up 3 perday ;
- ◆ Switching to support multiple languages online.



BC-80WCS	BC-120WCS	BC-100WCS	BC-120WCS	BC-140WCS	BC-160WCS
835600	1347800	1089860	1352880	1568100	1685200
210320	342100	266630	332350	387650	398706
239	378	312	380	449	486
72	112	88	112	128	145
~380V/3PHASE/HZ					
61	86	74	86	105	122
2					
热力膨胀阀 Thermal Expansion Valve					
R22					
半封闭螺杆式 Semi-hermetic Screw					
1	1	2	2	2	2
Y-△启动 Start					
100-75-50-25					
高效能外螺纹铜管壳管式 High-efficiency external copper tube shell and tube					
1	1	2	2	2	2
45	45	43	40	40	40
55	61	65	61	74	86
高效能内螺纹铜管壳管式 High-efficiency in copper tube shell and tube					
1	1	2	2	2	2
72	67	65	55	72	55
45	55	52	55	74	88
邦普电脑模块 PUNP computer module					
护, 电流超限保护, 系统高、低压保护, 水流量保护, 相序缺相保护, 放冷过热保护, 漏电保护。 overload,Protection of high,lower pressure,Protection of waterflow,Protection of phase lose,Protection of cooling proof/overheat,Protection of creepage					
3	4	4	4	4	5
3	4	4	4	5	5
1570	2100	1650	1800	2160	2720
1720	2390	1950	2090	2700	3150
223x85x175	235x95x175	235x95x175	287x95x175	287x95x175	320x95x180



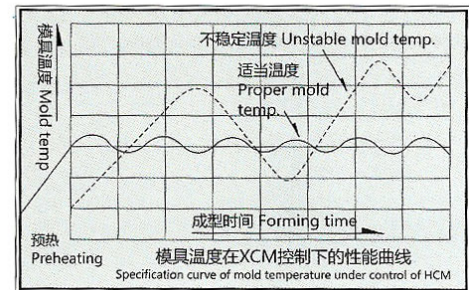
# BCM-模具自动控温机

BCM—Automatic  
Mold Temperature  
Control

成型时，模具温度控制不稳定，极易产生不良品。BCM模具控温机系以热交换原理，利用水或高性能传热油液为媒介，将模具在成型时间内保持稳定的适当温度。确保成型的高品质，提高生产效率。

## AUTOMATIC MOLD TEMPERATURE CONTROLS

Unstable temperature in the process of mold forming always tends to produce unqualified products. According to the principle of heat exchange, BCM mold temperature controls make use of water and high property heattransferring oil as a medium to keep a proper stable temperature in the process of mold forming so as to guarantee high quality of products and raise the productive efficiency .



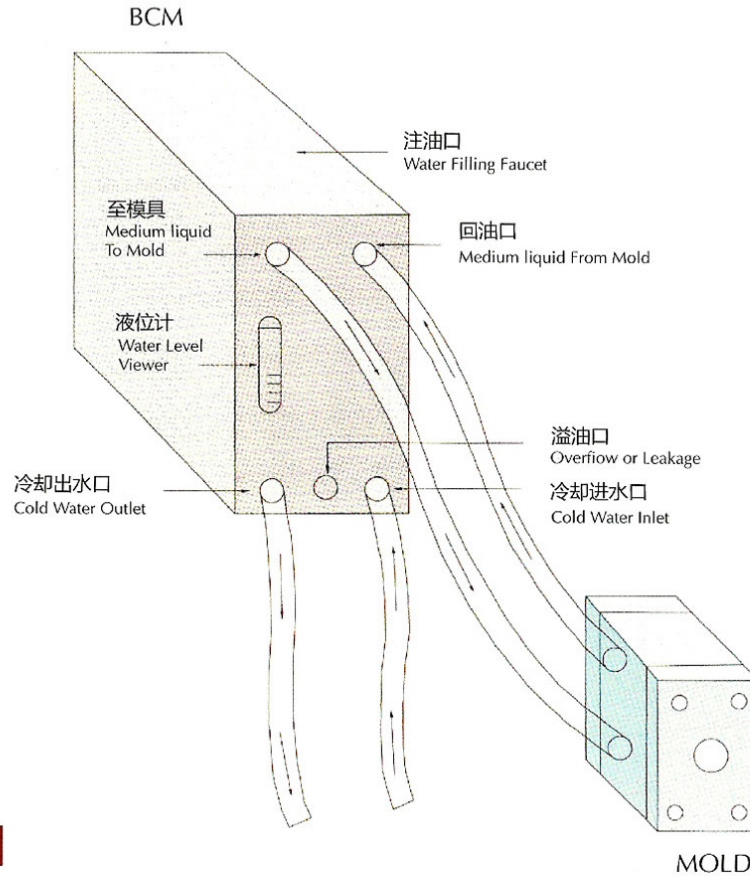
## 特点 Features

- ◆ 卧式泵浦  
采用卧式泵浦，流量稳定，寿命特长
- ◆ 不锈钢贮水(油)槽  
采用不锈钢贮水(油)槽，长期使用下不会因槽内生锈，造成管路阻塞而影响泵浦使用寿命
- ◆ 透明水(油)位视镜  
透明水(油)位视镜装置，便于检视媒介液存量，提醒您及时补充媒介液
- ◆ 自动示警装置  
水或油媒介液不正常缺乏时，警示灯即亮并自动发出警铃，同时自动切断电热及泵浦电源
- ◆ 高精度温度自动控制  
升降温度反应迅速，温度变化量小，成型品细致光泽，不起毛边
- ◆ 减低成型品不良率  
成型前预热，操作开始，模具随即达到所需温度，大幅减低成型品不良率
- ◆ 温度保持适当  
连续操作或短暂停机，模具始终保持适当温度，增进成型作业合理化，并使成型品质更为完美
- ◆ 体积小、重量轻  
安装容易，便于操作，移动方便，不占空间

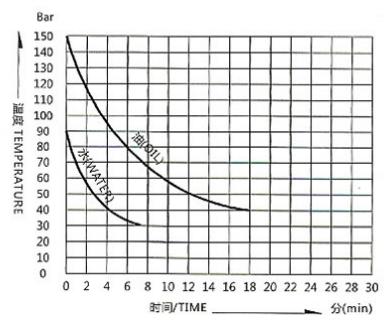
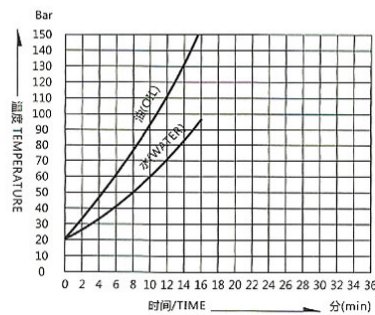
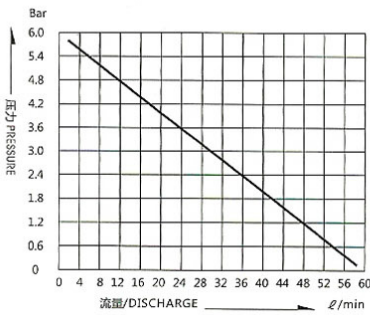


- ◆ Vertical pump  
The flow of vertical pump can be always kept steady and its service life keeps long
- ◆ Stainless medium tank  
This interior tank will not get rust for long term, which is sure to prevent from any blockade of pipes and keep long-term service of pump
- ◆ Transparent water(oil)level viewer  
The transparent water(oil)level viewer can easily be used to view and inspect the quantity of medium liquid and be reminded to refill the medium liquid from time to time
- ◆ Automatic alarming device  
While water(oil)shortage occurs in the container,this device will automatically light up and start alarming and cut off the electric power of heaters and pumps, thus to guarantee their safety
- ◆ High-precision automatic temperature control  
The measure of temperature is very sensitive and accurate, little change of temperature helps to keep products both fine and delicate
- ◆ Minimize products wastage  
The mold can reach the required temperature right at the beginning of operation, thus can obviously minimize products shortage, Maintain proper temperature
- ◆ Either in continuous operation or in temporary shutting down, mold-forming temperature can always be kept proper to guarantee the best quality of products and further improve the forming process
- ◆ Compact in size, light in weight  
Easy to install, convenient to operate, convenient to move and little room to occupy

模具与模温机联接  
The connection of mold with xcm



各种性能曲线 Curves of Specifications



主要技术参数 Main Technical Data

型号 Model	温度 Temp	电热功率 Heat Capacity	泵浦功率 Pump Power	泵浦流量 Max. Pump Volume	泵浦扬程 Max. Pump Pressure	泵浦型式 Pump mold	冷却方式 Cooling Method	模具焊接 Mold Connecting	外形尺寸 External size LxWxH (mm)	重量 Weight
BCM-6-W	水式95 Water (120°C)	6kw	0.37kw	40L/min	30m	卧式 Horizontal	直接冷却 (120°C) 或间接冷却 (95°C) Direct or indirect cooling	3/8" 2x2	580x350x780	62Kg
BCM-9-W		9kw	0.75kw	100L/min	40m			3/8" 4x2	680x350x780	90Kg
BCM-12-W		12kw	0.75kw	120L/min	60m			3/8" 4x2	680x350x780	110Kg
BCM-6-O	油式95 Oil (200°C)	6kw	0.37kw	40L/min	30m		间接冷却 indirect cooling	3/8" 2x2	580x350x780	75Kg
BCM-9-O		9kw	0.75kw	100L/min	40m			3/8" 4x2	680x350x780	100Kg
BCM-12-O		12kw	0.75kw	120L/min	60m			3/8" 4x2	680x350x780	125Kg



# BCM-高温模具自动控温机

**BCM-High  
Temperature  
Mold Automatic  
Temperature  
Controller**

信热高温模具自动控温机主要应用于模具的加热恒温, 适用领域有注塑, 压铸, 冶金等行业。其最高温度可达300°C。完全可替代同类进口设备, 从而降低投资成本, 减少售后繁琐。

The applicative controller of XINRE high temperature mold automatic temperature controller is mold heating and constant temperature keeping the field including plastic injection, die casting, Metallurgical industries, the highest temperature hit 300°C. Is the substitute for same imported products, therefore reduce the investment cost and after sale cost.

## 特点 Features

- ◆ 选用微电脑PID温度控制仪表, 参数自动演算, 精确可靠, 温度偏差±1°C以内
- ◆ 安全保护及故障指示系统完善
- ◆ 不锈钢一体成型, 管损小, 加热均匀, 高压防暴
- ◆ 多种进口原件, 使用寿命长, 提高质量稳定性
- ◆ 板式换热器冷却, 降温速度快, 可适应低温控制
- ◆ Use computer P.I.D temperature controll instruments and meter, the parameters are automatic calculate, are accuracy and reliable, the temperature erro up to±1°C.
- ◆ Safe protection and perfect trouble indication system.
- ◆ Integral stainless steel sharning, less tube lose, even heating, explosion-resistant of high pressure.
- ◆ More imported elements, long using life, promote quality stability.
- ◆ The cooling of board type heat exchanger, quickly reduce the temperature can meet the requirement of low temperature controlling.



## 主要技术参数 Main Technical Data

型号 Model	最高温控 Highest temperature controller (°C)	电热功率 Heat Capacity (Kw)	泵浦功率 Pump Power (Kw)	泵浦最大量 Max. Pump Volume (L/min)	泵浦最大压力 Max. Pressure of Pump (bar)	储液量 Liquid Storage Quantity (L)	冷却方式 Cooling Method	模具焊接 Mold Connecting	外形尺寸 External size LxWxH (mm)	重量 Weight (Kg)
BCM-18-O	95	9+9	1.5	105	3	35	间接冷却 indirect cooling	1/2" x 8	1100x500x900	85
BCM-24-O	170	12+12	2.2	200	5	35	间接冷却 indirect cooling	1/2" x 8	1400x550x1200	130

**BCM-Iwo Stage  
Automatic  
Mold Temperature  
Control**

**BCM-双段模具自动控温机**



成型时，模具温度控制不稳定，极易产生不良品。BCM模具控温机系以热交换原理，利用水或高性能传热油液为媒介，将模具在成型时间内保持稳定的适当温度，确保成型的高品质，提高生产效率。

**AUTOMATIC MOLD TEMPERATURE CONTROLS**

Unstable temperature in the process of mold forming always tends to produce unqualified products According to the principle of heat exchange, BCM mold temperature controls make use of water and high property heattransferring oil as a medium to keep a properstable temperature in the process of mold forming so as to guarantee high quality of products and raise the productive efficiency



**主要技术参数 Main Technical Data**

型号 Model	温度 Temp (°C)	电热功率 Heat Capacity (Kw)	泵浦功率 Pump Power (Kw)	泵浦最大量 Max. Pump Volume (L/min)	泵浦最打压力 Max. Pressure of Pump (bar)	储液量 Liquid Storage Quantity (L)	冷却方式 Cooling Method	模具焊接 Mold Connecting	外形尺寸 External size LxWxH (mm)	重量 Weight (Kg)
<b>BCM-6-W (2D)</b>	95	6+6	0.37x2	40	1.5	10x2	间接冷却 indirect cooling	3/8" x 4	1000x450x850	120
<b>BCM-6-O (2D)</b>	170	6+6	0.37x2	40	1.5	10x2	间接冷却 indirect cooling	3/8" x 4	1000x450x850	120
<b>BCM-9-W</b>	95	9+9	0.75x2	100	2	10x2	间接冷却 indirect cooling	3/8" x 8	950x700x750	140
<b>BCM-9-O (2D)</b>	170	9+9	0.75x2	100	2	10x2	间接冷却 indirect cooling	3/8" x 8	950x700x750	140
<b>BCM-12-W (2D)</b>	95	12+12	0.75x2	110	2.2	10x2	间接冷却 indirect cooling	3/8" x 8	950x700x750	140
<b>BCM-12-O (2D)</b>	170	12+12	0.75x2	110	2.2	10x2	间接冷却 indirect cooling	3/8" x 8	950x700x750	140