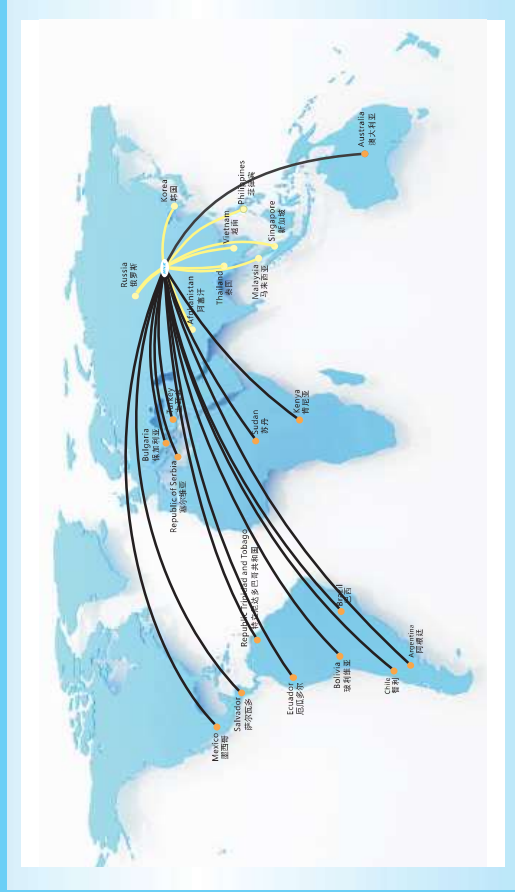


如果您需要了解更多詳細信息，歡迎您與我們聯繫！
Please don't hesitate to contact us if you need more information!

- * 本目錄登載的技術規格，因改進性能會有所變更，恕不預告。
 - * 在機械使用前，請仔細閱讀操作說明書。
 - * 介紹的產品意圖在印刷品上多少與實際顏色有差異。
- These specifications are subject to change without notice.
Before start-up operation, please refer carefully to the manuals to be well informed.
The actual color of the products may slightly differ from the printed color.



Sales Network

After many years' development, We have established business relationship with clients from more than 30 countries.
经过多年的发展，我们已经与30多个国家的客户建立了良好的合作关系。

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Mitex®

Automation Plastics Systems
塑膠自動化輔助周邊系統



MITEX AUTOMATION MACHINERY Co.,Ltd

美得機械科技有限公司

www.mitexltd.com

mitex

Course 美得历程

完美追求 始得成就
the pursuit of perfect, the start of success

公司簡介

東莞市美得機械科技有限公司是專業致力於剝割壓膠成型自動化工周邊輔助系統的製造商，其主要產品為集中供料系統，除濕乾燥系統，自動計量混合系統，粉碎回收系統，模溫控制系統等等，在注塑成型、擠出壓延、吹塑、壓鑄等領域得到了廣泛使用。

美得一直以來都在孜孜不倦地進行各種設備的技術研發，堅持品質服務為首位，在相互信任的基礎上與客戶建立長期穩定的合作夥伴關係。

2007年7月中國東莞市美得機械科技有限公司成立，美得將更專注滿足客戶的需求提供最先進有效的成型周邊輔助系統和服務。為客戶節約成本創造價值共同分享輝煌的成果！

Company Introduction

Mitex Machinery Technology Co., Ltd. is the manufacturer that specializes in supplying best advanced roboticized system for plastic molding. The main products include: Centralized Feeding System, Dehumidifying and Drying System, Automatic Metering and Mixing System, Crushing and Recovery System, Mold-temperature Control System, etc. Those have been broadly applied in the field of injection molding, Extrusion molding, Blowing molding and Die cast.

Mitex has been consistently pursuing independent innovation for different devices and adhere to the best service & high quality. It has established a steady cooperative fellowship with its clients.

Mitex Machinery Technology Co., Ltd. was registered in July 2007, in Dongguan, Guangdong, China. Mitex will focus more on satisfying client's needs ,supplying the advanced molding system & service, reducing cost and creating more value for its customers, sharing collective win between clients and itself.

公司荣誉 The company Honor



公司专利 Company Patent



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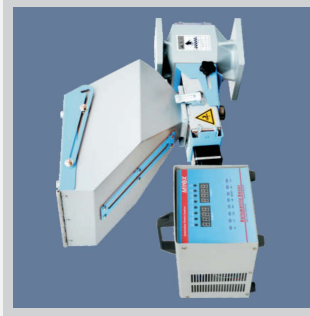
14 除濕
Dehumidifying



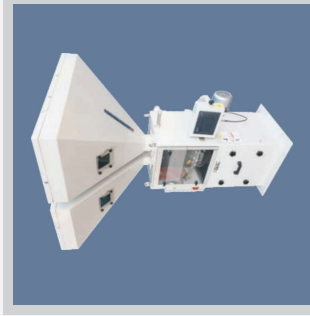
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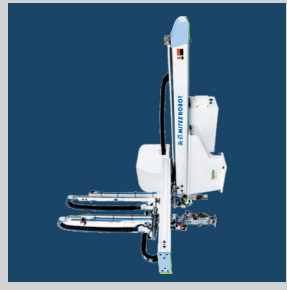
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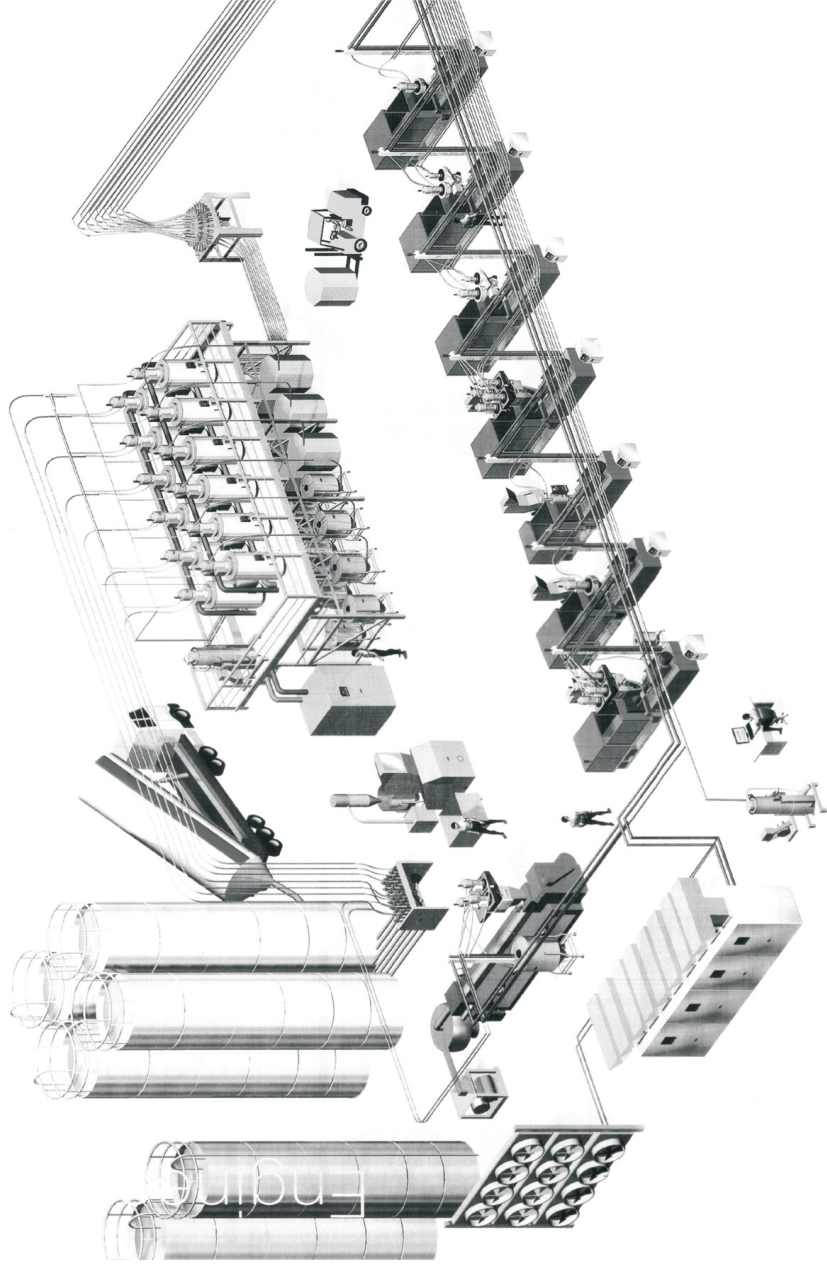


63 取出機械手
Take-Out robot



供料輸送 Feeding & Conveying

Centralized Feeding system 中央供料系統



美得集中供料系統是一套精確的全自動生產、監控與管理系統，適用於大批量塑膠產品生產的集中監控管理。本系統包含主機控制系統、除濕乾燥系統與原料輸送系統，也可依客戶要求搭配模塊控制系統、配色混料系統與粉碎回收系統。

Mitex Centralized Material Conveying System Provides the precise solution to control and monitor the auto-operation of equipments. Suit for the integrity of the material of huge capacity, eliminates waste and improves the cost effectiveness of the factory. Include System control Stations, Dehumidifying&Drying System and Material conveying System. Besides, other more options for your needs: Mold Temperature Controller System, Auto-Dosing Mixer(ADM)System and Instant Recycling System.

選擇我們的供料系統將給您帶來... Choosing our feeding system will bring you...

- 提高生產效能與水準。
- 提升員工作業的安全性。
- 提升公司整體形象。
- 節省人工成本。
- 節約能源。
- 原料集中管理，避免原料浪費及污染。
- 保持現場環境整潔。
- 可隔離原料輸送主機，減少噪音污染。
- Elevate production performance and standard.
- Improve health and safety for production personnel.
- Better company image.
- Lower labor cost.
- Better energy efficiency.
- Less material waste and pollution during the conveying process.
- Cleaner working environment.
- Less noisy due to the separation of the blowers from the working place.

主系統	子系統	系列設備
中央微電腦 觸控式 控制器	原料輸送系統	垂直鼓風機、截風閥、鬆料閥、吸料器、管路 配管控制、旋風集塵器、分岐管、管路
	除濕乾燥系統	料鬥乾燥機、除濕乾燥機
	模塊控溫系統	模塊控溫機、冷庫機、除濕機
	配色混料系統	色母自動計量器、ADM中央配色混料系統
	粉碎回收系統	粉碎機、混合比例閥
Main System	Brand System	Related equipments
Control System [Touch-screen control panel]	Material Conveying	Reels Blower, Air-Cut-Off Valve, Material Cut-Off Valve, Hoppers, Compression Caparies, Vortex Cyclone-Butterfly Valve, Material Selector, Stainless Tubes.
	Dehumidifying & Drying	Hopper Dryers Dehumidifying Dryers
	Mold Temperature Controlling	Mold Temperature Controllers, Industrial Chillers
	Auto-Dosing Mixing	Master-Dosing Feeders, Auto-Dosing Mixer(ADM)
	Instant Recycling	Crushers, Proportional Valves

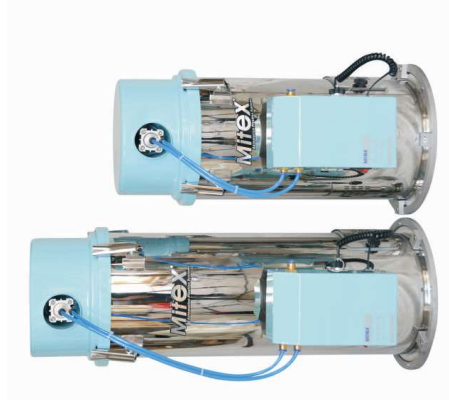
Feeding System Accessories
中央供料系统配件



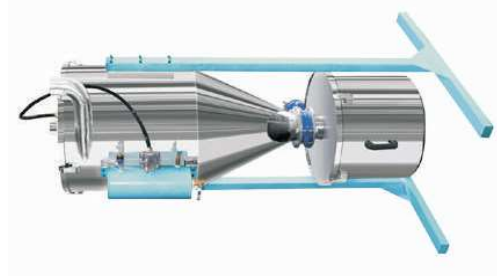
中央控制台
Centralized Control Panel



中央式真空泵
Vacuum pump



中央式料杯
Central Hopper receivers



中央式安全过滤器
Safety Filter Dust Collector



中央原料分布站
Material Selection Station



不锈钢原料储存斗
Stainless Steel Material Tank



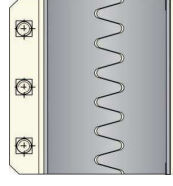
玻璃弯管
Glass Bend



防静电管
Anti-Static Hose



管夹
Coupling for the pipes





截料閥 Material Cut-Off valve

為鋁鑄件，設計精巧耐用。
Alloy made, durable device design

配管接頭 Compression couples

用於管路連接處，不銹鋼制作，有完全密封效果，可易於建精真空輸送網。

Stainless made, connect pipes to construct the completely-closed central vacuum conveying system.

截風閥 Air cut-off valve

為不銹鋼制作，設計精密可靠。

Stainless made, reliable device design

機械式泄壓閥

Mechanical Pressure Relief Valve

電子式泄壓閥

Electrical Pressure Relief Valve



注塑成型現場：
Site of plastic injecting and molding

原料集中乾燥除濕現場：
Site of Centralized Raw Material Dehumidifying



配管安裝現場
Pipe Installation Site

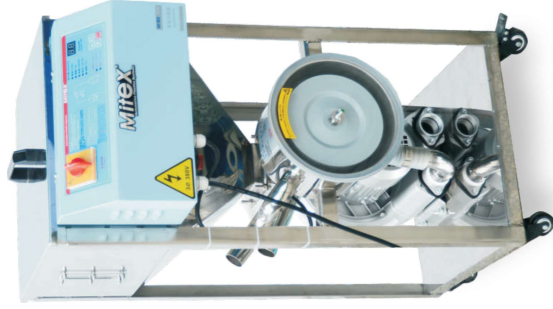
Mitex®

供料輸送 Feeding & Conveying

MVL 系列儲送料一體機 Series Storage material one machine

新型儲料、送料一體機
New type Hopper loader Combine with storage Tank

結構緊湊，節省空間
Compact Structure, Save Space
透明過濾器蓋板，快速掌握清理周期。
Transparent filter Cover, easy to know the statue of the filter.



NEW products

容量Volume: 25~50KG

技術規格 Specifications

型號 Model	MVL-	
	T310	T515
電源 Power Specification	AC 380V 3PH 50HZ 感應式Inductive Blower	
風機 Blower Type	0.75KW	
風機功率 Motor Power (KW)	1.1KW	
輸送能力 Conveying capacity (kg/hr)	300	
吸料揚程 Loading Height (m)	4	
儲料門容量 Storage tank Volume (L)	40	
尺寸 Dimensions (mm)	450*600*1020	
淨重 Net Weight (Kg)	50	
料門 Hopper Receiver volume (L)	60	
型號 Model	SV-3	MV-6
料門容量 Hopper Volume (L)	3	MV-6S
料管尺寸 Material pipe Dia. (Inch)	1.5	
風管尺寸 Air suction Pipe Dia. (Inch)	1.5	
尺寸 Dimensions (mm)	350x200x570	
淨重 Net Weight (Kg)	5	4.5

產品規格若有變更，恕不另行通知。 We reserve right to change specifications without prior notice.

供料輸送 Feeding & Conveying

MVL 系列分體式吸料機 Series Separate type Vacuum Loader

特點

- Full automatic programmed operation.
- Automatic alarm for overload or short of material.
- Stainless steel hopper construction.
- Main controller and hopper designed separated, to ensure safety and convenient.
- Separated filter installation, easy to remove pooling of powder.
- Automation pump reverse system.



2~10HP分體式吸料機

特點

- 全自動電腦操作程序。
- 過載、缺料自動報警。
- 不銹鋼料斗。
- 主機與料桶分體設計，安全簡便。
- 獨立濾清裝置，方便清除積塵。
- 具有逆轉自動清除粉塵功能。



800G吸料機

技術規格 Specifications

型號 Model	MVL-				
	800G	2HP	3HP	5HP	7.5HP
電源 Power Specification	AC 380V 3PH 50HZ 感應式 Inductive Blower				
風機 Blower Type	0.75				
風機功率 Motor Power (KW)	2.2				
輸送能力 Conveying capacity (kg/hr)	300				
吸料揚程 Loading Height (m)	4				
儲料門容量 Storage tank Volume (L)	40				
尺寸 Dimensions (mm)	375*455*700				
淨重 Net Weight (kg)	40				
料門 Hopper Receiver volume (L)	47				
型號 Model	MV-6	MV-12	MV-12	MV-25	MV-50
料門容量 Hopper Volume (L)	6	6	12	12	25
料管尺寸 Material pipe Dia. (Inch)	1.5				
風管尺寸 Air suction Pipe Dia. (Inch)	1.5				
尺寸 Dimensions (mm)	330x	380x	390x	430x	360x
淨重 Net Weight (KG)	230x500	330x620	350x550	350x720	350x750
淨重 Net Weight (KG)	4.5	6.5	10	6.5	10
淨重 Net Weight (KG)	4.5	6.5	10	12	15

產品規格若有變更，恕不另行通知。 We reserve right to change specifications without prior notice.

MVL 系列单体式吸料机
Series Self-contained loader



360G

- Full stainless steel construction.
- Fabric suction filter (with s/s mesh).
- Sound proof cover.
- Fitted with reed switch sensor. Equipped the mechanical flap, no need to adjust.
- All models include the Auto-filter cleaning as standard. It can set the cleaning time and cleaning frequency.
- Motor overload protection, and various alarm indicator.

- 體積小、重量輕，可直接放置在乾燥機或其它原料容器上，完成自動吸料工作。
- 微電腦操作控制程序。
- 過載、缺料報警。
- 300G採用高速整流馬達，體積小、吸力強，適合用於新料輸送。
- 首創採用線控器控制，機台下即可設定，控制方便，快捷。
- 設有空氣過濾器(可選件)。

- 全机采用不锈钢材质结构。
- 不织布过滤网配合不锈钢网过滤粉尘。
- 马达防音保护盖
- 原料料位感应采用磁簧开关，配合自重式不锈钢落料挡板，无需调整。
- 所有机型均配有滤网喷洗装置，可设定喷洗时间及次数。
- 马达过载保护，及各种警报指示灯。



内部喷洗装置 Auto Cleaning Device



滤网 Fabric Suction Filter



300G

- Small footprint & light, to be placed directly on other machine for auto loading.
- Microcomputer controlled.
- Alarm for overload and lack of material.
- High-speed rectificative motor of small footprint and strong suction force for new material for MTA-300G.
- Cable-control, easy to set and control.
- Filter available.



400G

技術規格 Specifications

型號	Model	300G	MVL-360G	400G
電源	Power Specification	AC220V 1PH, 50HZ	AC220V 1PH, 50HZ	AC380V 3PH, 50HZ
馬達	Motor	磁刷式 Carbon Brush	磁刷式 Carbon Brush	感應式 induction
輸送能力	Capacity KG/HR	1.1KW/1.5HP 1 c	300	0.75KW
吸料揚程	Head	M	3.5	330
儲料桶容量	volume	L	7.5	10
送料管內徑	Material Pipe Size	MM	Φ38	Φ38
配送料管	Material Pipe supply	MM	Φ38mm*3.5m 1pcs	Φ38mm*4m 1pcs
外形尺寸	Dimensions	MM	340x340x590	400x300x600
淨重	Weight	KG	12	20

注：吸料機在噴送熱料時普通馬達配160°C高溫料管 Heat-resistance160°C Pipes should be used when conveying hot material 產品規格若有變更，恕不另行通知。 We reserve right to change specifications without prior notice.

除濕乾燥 Dehumidifying & Drying

MD-DH 蜂巢转轮除湿机 Honeycomb Rotor Dehumidifier

原料參數 Resin Drying Condition Table

樹脂原料 Resin material	乾燥量 Bulk Density (kg/dm ³)	堆積密度 Bulk Density (m ³ /kg)	乾燥時間 Drying time (h)	乾燥溫度 Drying Temp (°C)	蜂巢水濕度 Resin Moisture (m ³ /kg)	成取水分率 Resin Moisture (%)	初始水分率 Initial Moisture (%)
ABS (extrusion grade)	✓ 0.55	3-4	80-85	2.2	<0.015	<0.015	<0.2
ABS (moulding grade)	✓ 0.70	2-3	85	2	<0.020	<0.020	<0.2
CAI(2)	✓ 0.60	2-3	70	2	<0.020	<0.020	<0.7
CAB	✓ 0.60	2-3	70	2	<0.020	<0.020	<0.6
EVA(2)	✓ 0.60	2-3	90-105	1.8	-	-	-
EVOH	✓ 0.60	2-3	90-105	2	-	-	-
IM(4)	✓ 0.50	3	60	2	<0.080	<0.080	<0.2
LCPI(1)(3)	✓ 0.80	3-4	150	2.2	<0.01	<0.01	<0.05
PA 11-12(3)(*)=Nylon	✓ 0.60	3-5	70-80	2	0.15-0.02*	0.15-0.02*	0.6-1.2*
PA 6.46.66(3)(*)=Nylon	✓ 0.60	4-6	70-80	2	0.15-0.02*	0.15-0.02*	0.6-1.2*
PAI	✓ 0.85	6-8	180	2	<0.02	<0.02	-
par(1)(3)	✓ 0.70	5-6	120	2	<0.02	<0.02	-
PBT(1)(3)	✓ 0.80	3-4	130-140	2.2	<0.02	<0.02	<0.15
PC(3)	✓ 0.65	2-3	120	2	<0.02	<0.02	<0.3
PC for OD(1)(3)	✓ 0.65	3	120	2.7	<0.01	<0.01	<0.2
PC/ABS	✓ 0.65	3	100	2	<0.020	<0.020	<0.1
PC/PBT	✓ 0.75	3-4	110	2.2	-	-	-
PE HDPEcable(*) (alogen free, cross linked)	✓ 0.70	4-10	60	2.5	<0.04*	<0.04*	<0.08
PE HDPE LDPE Black 3%	✓ 0.50	1	85	1.6	<0.01	<0.01	<0.02
PC/ABS/PC/PBT	✓ 0.55	2-3	80	1.8	<0.01	<0.01	-
PE HDPE LDPE Black 40%	✓ 0.70	2-3	80-90	2	<0.02	<0.02	<0.2
PEEK(1)(3)	✓ 0.80	3-4	150-160	2.2	<0.05	<0.05	<0.1
PEI(1)(3)	✓ 0.75	4-5	140-160	2.5	<0.01	<0.01	<0.2
PEN(1)(3)	✓ 0.85	5-6	150-170	3	<0.005	<0.005	-
PES	✓ 0.80	3-4	150-180	2	<0.05	<0.05	0.35
PET fiber textile(1)(3)(8)	✓ 0.84	5-6	160-180	3	<0.003	<0.003	<0.2
PET bottles-technical fiber-sheet(1)(3)	✓ 0.84	5-6	160-180	3	<0.003	<0.003	<0.2
PET injection molding(1)(3)	✓ 0.85	3-4	130-140	2	<0.02	<0.02	<0.2
PET PCR(1)(2)(3)(8)	✓ 0.35	4-5	130-140	3	<0.008	<0.008	<0.3
PETG(4)(6)	✓ 0.74	4-5	65	3.5	<0.01	<0.01	<0.1
PI	✓ 0.70	2-3	120	2.2	<0.02	<0.02	-
PMMA-Acrylic	✓ 0.65	3-4	80	3	<0.02	<0.02	<0.3
POM-Acetalic (copolymer)	✓ 0.85	2-3	90-100	2	-	-	<0.15
POM-Acetalic (homopolymer)(7)	✓ 0.85	1	90-100	2	-	-	<0.1
PP(7)	✓ 0.50	1	80-90	2	-	-	-
PP talc 40%	✓ 0.65	2-3	90	2	<0.02	<0.02	-
PPO(3)	✓ 0.55	2	100-110	2	<0.01	<0.01	-
PPS(1)(3)	✓ 0.80	2-3	130-140	2	<0.01	<0.01	<0.03
PS(7)(GPPS, EPS, HIPS)	✓ 0.55	1	80	1.7	<0.02	<0.02	<0.05
PSU(3)	✓ 0.80	3-4	120-130	2	<0.05	<0.05	<0.1
PIT(3)	✓ 0.80	5-6	130-150	3	<0.005	<0.005	<0.2
PUR(5)	✓ 0.75	2-3	70-90	2	<0.02	<0.02	-
PVC(7)	✓ 0.85	1	70-80	1.4	<0.02	<0.02	-
SAN	✓ 0.55	2-3	80	2	<0.02	<0.02	<0.1
SB	✓ 0.60	1-2	80	2	<0.02	<0.02	-
TPE(5)	✓ 0.65	2-3	110	2.2	<0.05	<0.05	<0.3
TPO (POE)(5)	✓ 0.55	3	70-90	2	-	-	-
TPU(5)	✓ 0.75	2-3	70-100	2	<0.02	<0.02	-

樹脂原料後面標示的含義：
 *)由初始含水率決定干燥工藝
 1)干燥后輸送需加濕器輔助送風(用除濕補風)
 2)干燥時產生有毒刺激性氣體 考慮配過濾器
 3)干燥時間過長 可能會導致原料的氯化或降解
 4)注意最高干燥溫度要接近液化溫度
 5)注意：輕原料可能出現掛料狀而不落料的现象
 6)需要較大氣流
 7)只對外表美觀等特殊要求的制品時才建議干燥原料干燥前需要結晶
 仅供参考 For reference only.

采用PID溫度控制系统，该系统具有再生溫度設定与实际溫度显示屏幕。
 蜂巢转轮至少有6年的使用寿命，本体脏污可以清洗再使用。
 可选配PLC控制器搭配LCD触控式人机界面。可随时监控机器除湿效果的露点计体选配。蜂巢可达到-40°C以下露点，在配置增强状态下更可达到-50°C~-60°C甚至更低的露点。

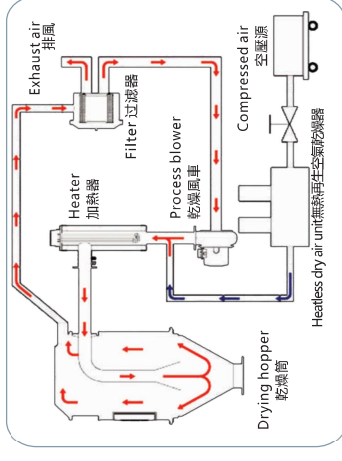
• P.I.D temperature control system adopted, with displays of regeneration temperature and real temperature.
 • The honeycomb rotor has service life at least 6years, it can be cleaned as soon as poor drying efficiency.
 • PLC control and LCD touch screen control available.
 • Dew-point meter to supervise the dehumidifying effect (optional).
 • Dew-point up to -40~-50°C, lower dew-point available with enhanced configuration



除濕乾燥 Dehumidifying & Drying

MD-CC 無熱式三機一體除濕乾燥機

Compact Compressed Air Dehumidifying Dryer



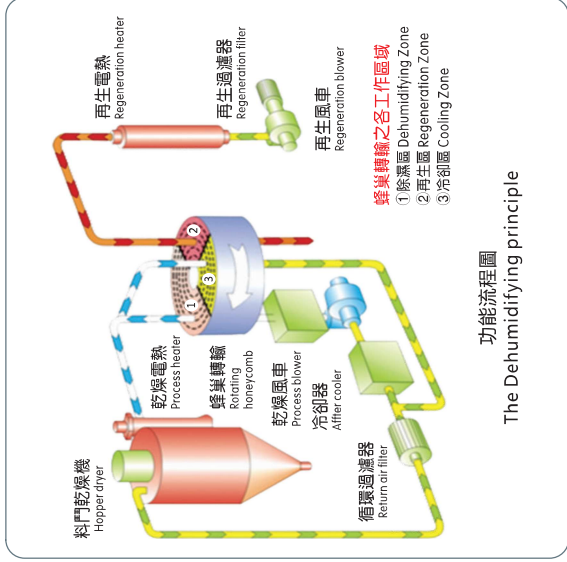
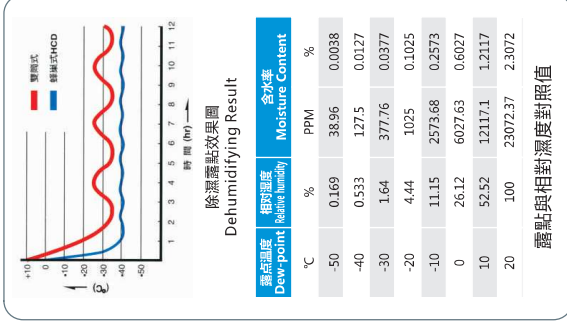
- 密閉回路送料系統，避免原料乾燥後因接觸外界空氣而受潮。
- 標準配備熱風回收裝置，節約能源，無熱氣粉塵排出，保護環境。
- 標準配備斷料式吸料箱，確保管中無殘留原料。
- 隔熱保溫料筒，下吹式設計，確保熱量不流失，提高乾燥效率。
- 無熱式再生裝置，可提供低露點乾燥風，加快原料的處理速度。

- Closed-loop conveying device eliminates the possibility of moisture regain during material conveying.
- Hot air recycler equipped as standard, featuring energy saving, no exhaust of hot air and dust, and environmental protection.
- Shut-off suction box equipped as standard ensures no material remains in the material line after each loading cycle.
- Double-wall drying hopper features hot air down-blowing and cyclonic exhaust design, it maintains a steady temperature and increase drying efficiency.
- Heatless Regenerative design device can supply dry air with relative low dewpoint to speed up material handling process.

技術規格 Specifications

型號 Model	MD-CC25	MD-CC50	MD-CC75	MD-CC100	MD-CC150
保溫料筒容量 Hopper Capacity(KG)	25	50	75	100	150
除濕風量 Air Flow(m³/hr)	200	270	300	319	390
乾燥電熱功率 Heater Power (KW)	3.5	4	6	6	9
乾燥風機功率 Drying Blower(W)	135	170	185	200	320
送料風機功率 Feeding Blower(KW)	0.75	0.75	0.75-1.1	1.1	1.1-1.5
空氣壓縮 Air Compressor Power(KW)	1.1	1.5	2.2	3.7	4
壓縮風量 Compressed air flow(L/min)	120	190	260	310	405
產生露點 Dew point	-32°C~40°C	-32°C~41°C	-32°C~42°C	-32°C~43°C	-32°C~44°C
吸料配管 Feeding Pipe (inch)	1.5	1.5	1.5	1.5	2
產品尺寸 Dimensions	952x710x1410	990x710x1530	1090x740x2120	1285x920x2180	1285x920x2390

產品規格若有變更，恕不另行通知。 We reserve right to change specifications without prior notice.



技術規格 Specifications

機型 MODEL	MD-DH												
	50	80	120	150	200	300	400	500	700	1000	1500	2000	3000
電源 Power Specification	30380V,50HZ												
風量 Air Flow(m³/Hr)	50	80	120	150	200	300	400	500	700	1000	1500	2000	3000
干燥電熱功率 (KW) Heating Power	3	7	10	15	15	15	15	15	24	32	58	80	96
除濕風機 (KW) Process Blower	0.4	0.75	1.5	1.5	1.5	2.2	4	5.5	7.5	9	7.5*2	9*2	13*3
再生風機 (KW) Regen. blower	0.25	0.25	0.4	0.4	0.4	0.75	0.75	1.5	1.5	2.2	4	3.4	7.5
再生電熱 (KW) Regen.Heater	3	3	7	7	7	7	7	12	12	12	20	20	30
除濕風口徑 (inch) Dry Air Pipe Size	2"	2"	2"	2"	2.5"	3"	3"	4"	5"	5"	6"	8"	8"
再生風口徑 (inch) Regenerative Air Pipe Size	1.5"	1.5"	1.5"	1.5"	1.5"	2"	2"	2"	2"	2.5"	2.5"	2.5"	3"
冷卻水出口口徑 Cooling Water Pipe (inch)	3/4"	3/4"	3/4"	3/4"	1"	1"	1"	1"	1"	1"	1"	1.5"	1.5"
尺寸 Dimensions													
W (mm)	600	600	650	650	720	750	750	1200	1200	1200	1400	1400	2500
D (mm)	880	880	880	880	980	980	980	1380	1380	1380	2180	2180	1600
H (mm)	1380	1380	1660	1660	1710	1940	1940	2230	2330	2330	2430	2430	2160
淨重 Net weight(kg)	80	120	140	215	225	240	280	290	300	400	510	630	760

產品規格若有變更，恕不另行通知。 We reserve right to change specifications without prior notice.

*乾燥電熱為選配，需搭配化料桶使用

除濕乾燥 Dehumidifying & Drying

MD-CH 蜂巢轉輪式三機一體除濕乾燥機

All In One Honeycomb Rotor
Dehumidifying Dryer



MD-CH系列三機一體除濕干燥機集干燥、除濕及送料三種功能為一體，特別適用於處理吸濕性很強的物料。該系列產品造型分全密式(中小型機)與半開放式(大型機)，結構方面採用進口蜂巢轉輪除濕機搭配下吹式全不銹鋼保溫乾燥料桶以及封閉循環式二段送料功能組合而成。該系列產品採用微電腦集中控制提供了自動故障顯示及24小時自動運轉定時設定功能，尚可选配触控式人机接口与露点计供选配。

MD-CH Series of compact dryers combines a MTAD dehumidifier, an insulated drying hopper, and a two-stage closed-loop conveying device to form a "All-in-One" compact unit. The small and medium range (capacity of the dehumidifier from 30 to 200 m³ /hr) has been designed under the full-integral concept, and the large range (capacity of the dehumidifier from 300 to 700 m³ /hr) has been designed under the semi-integral concept.

MD-CH Compact Dryer

陶瓷蜂巢轉輪除濕機 Dehumidifying

全不銹鋼保溫下吹式乾燥機 Dryer

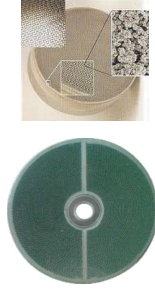
全不銹鋼二段或三段輸送機 Loader

MD-CH Series

不具污染性之蜂巢轉輪
此不具污染性之蜂巢轉輪系鍍有分子篩及二氧化矽，結合成陶瓷纖維，并藉由化學結晶而成。使用此轉輪，除濕效率可達到低至-40℃之露點，并可使效能大幅度提升。

Pollution-Free Honeycomb Rotor

The "pollution-free" honeycomb rotor is coated with molecular sieves and silica gel that are strongly bonded to ceramic fibers inside the rotor by special chemical crystallization. With the rotor, the dryer can provide low dew-point (-40°C), and performs all of these processes more quickly and more efficiently than any other dryer available.



光學級管路

光學級管路，可防止輸送原料時遭受污染。

Sanitary Piping

All piping work is for sanitary applications. There will not be any contamination when conveying the dry material.

粉塵分離式料筒

特別設計具有粉塵分離功能以輸送粉塵量較多之原料。



Dust Separator Hopper receiver

This Hopper Loader is specially designed with a dust separator for conveying dusty material.

3L-12L



高效HEPA過濾器

使用高效能之HEPA過濾器(0.3µm/99.97%)以防止任何污染。

High-performance HEPA Filter
The unit uses a high-performance HEPA filter (0.3µm/99.97%) as drying filter to prevent any contamination.

0.2-1L



微量型吸料筒
Micro Injection Hopper Receiver

選配件 Optional Accessories



PLC人機界面



隨機露點測試儀

技術規格 Specifications

型號 MODEL	MD-CH									
	30	50	75	100	150	200	300	400		
保溫料筒Hopper Volume(kg)	25	50	75	100	150	200	300	400		
除濕風量Air Flow(m ³ /hr)	50	80	80	120	150	200	300	400		
干燥加熱Process Heater (kw)	3	3	7	7	7	10	10	15		
除濕風扇Process Blower (kw)	0.4	0.4	0.4	0.75	1.1	1.5	2.2	4		
再生再熱Regen. Heater (kw)	3	3	3	7	7	7	7	7		
再生風扇Regen. Blower (kw)	0.25	0.25	0.25	0.25	0.4	0.4	0.75	0.75		
吸料風扇Conveying Blower (kw)	0.75	0.75	0.75	1.5	1.5	1.5	2.2	2.2		
吸料膠管Conveying Hose (inch)	1.5"	1.5"	1.5"	1.5"	1.5"	1.5"	1.5"	1.5"		
外型尺寸Dimension (mm)	1020x 850x1750	1085x 900x1930	1085x 900x2000	1290x 980x2120	1425x 935x2150	1425x 1200x2350	1720x 1200x2350	1720x 1200x2350		
淨重Net Weight (kg)	310	340	360	420	550	600	750	830		

產品規格若有變更，恕不另行通知。 We reserve right to change specifications without prior notice.

除濕乾燥 Dehumidifying & Drying

MD-HS 不銹鋼下吹式乾燥機

Stainless Steel Down-blowing Dryer

特點

- 採用微電腦控制，可精確控制溫度。
- 全數位式PID控制，LED狀態顯示。
- 有過熱保護裝置，可減少人為機械故障所產生之意外。
- 一周定時自動開關機，以達到省電目的。
- 特有下吹風管設計，能均勻分散熱風，保持塑膠乾燥，溫度穩定，提高乾燥效率。
- 可打開的預料門，密封性好，清料方便。

Features

- Microprocessor is used for accurate temperature control.
- Digital PID temperature control with LED display.
- Overheat protection to ensure reliable operation.
- 7-day automatic start/stop timer to improve energy saving.
- Unique design of downblow air pipe can spread hot air evenly, keeping plastics dry and temperature stable to raise drying efficiency.
- Material clearance door to make the clean more convenient and effective.

技術規格 Specifications

機型 MODEL	干燥熱 Drying Heater(kw)	風機 Blower (kw)	料斗容積 Volume (L)	外形尺寸 Dimensions (mm) H*W*D	排風管口徑 Air blowing Pipe Size	出風管口徑 Air outlet Pipe Size	風機排風尺寸 Blower Frame Pipe Size (mm)	淨重 Net Weight (kg)
MD-HS400	3	0.12	40	760x640x390	2"	1.5"	-----	45
MD-HS800	3.9	0.12	80	940x722x475	2.5"	2"	-----	50
MD-HS1200	3.9	0.12	120	1210x720x475	2.5"	2"	-----	60
MD-HS1600	6	0.18	160	1225x822x575	3"	2.5"	-----	90
MD-HS2300	6	0.18	230	1505x822x575	3"	2.5"	-----	100
MD-HS3000	12	0.25	300	1450x945x695	3"	2.5"	-----	130
MD-HS4500	12	0.25	450	1850x945x695	3"	2.5"	-----	160
MD-HS6000	18	0.5	600	1820x1170x915	4"	3"	-----	200
MD-HS7500	18	0.5	750	2100x1170x915	4"	3"	-----	220
MD-HS9000	18	0.5	900	2070x1340x1050	4"	4"	-----	250
MD-HS12000	18	0.5	1200	2500x1340x1050	4"	4"	-----	380
MD-HS15000	32	1.1	1500	2950x1542x1250	5"	5"	1210x560x700	495
MD-HS20000	32	1.1	2000	3350x1542x1250	5"	5"	1210x560x700	570
MD-HS25000	48	2.2	2500	3510x1770x1400	6"	6"	1210x560x700	620
MD-HS30000	48	2.2	3000	3910x1770x1400	6"	6"	1210x560x700	700
MD-HS35000	64	4	3500	4310x1770x1400	6"	6"	1400x680x800	785

產品規格若有變更，恕不另行通知。 We reserve right to change specifications without prior notice.

除濕乾燥 Dehumidifying & Drying

MD-H 料斗乾燥機

Hopper Dryer



特點

- 原料接觸面皆為不銹鋼材質以避免原料受污染。
- 桶身結構容易清洗。
- 勾可快速被鬆脫。
- 玻璃視窗安裝於桶身和底座。
- 採用數顯式溫控器，可精準控溫。
- 基本配備包括超溫及超載保護器。

Features

- All material contact surface are made of stainless steel to eliminate material contamination.
- Hinged Hopper construction for easy cleaning.
- Quick Release Clamps for positive locking of hinged parts.
- Sight-glass fitted to both the bowl and base
- Temperature Controller for accurate temperature control
- Overheat and overload protector are standard equipment.

技術規格 Specifications

型號 MODEL	MD-H							
	12	25	50	75	100	200	400	600
容量Capacity(kg)	12	25	50	75	100	200	400	600
電熱 Heating(kw)	1.8	3.5	4.5	6.5	6.5	12	15	20
風機 Blower(w)	50	90	110	250	250	300	750	1100
電源 Power(V)	220/1Ø							
外形尺寸 Dimensions (mm)	630x400x825 760x485x1035 865x542x1210 940x605x1310 1012x695x1406 1180x838x1755 1475x1058x2020 1580x1158x2400							
安裝尺寸 Installatam (mm)	110x110 150x150 160x160 160x160 200x200 230x230 275x275 280x280							

產品規格若有變更，恕不另行通知。 We reserve right to change specifications without prior notice.

除濕乾燥 Dehumidifying & Drying

MD-HCR 結晶乾燥機 Crystallizer

MD-HCR系列密閉循環乾燥結晶機用於持續結晶非晶相材料將尚未晶相化的PET原料或回收料結晶成可以直接除濕乾燥的結晶原料，可大幅減少購買成本的支出。結晶後的塑膠可以從料斗底部輸送到儲料桶或直接輸送到乾燥料桶中乾燥後使用。

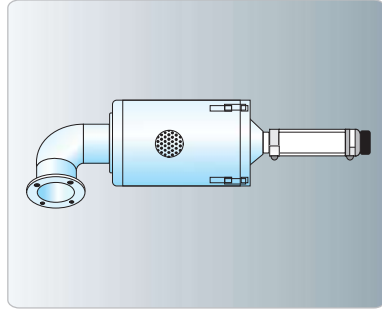
MD-HCR closed-loop crystallizers are used for constant crystallization of un-crystallized PET regrinds or pellets. Processed materials can then be dried and dehumidified directly. Crystallized materials can be

特點

- 可靠、高品質的原料輸出；完備的結構及控制設計，防止原料結塊、變形；
- 攪拌料斗防止結塊；獨特設計的攪拌葉和定位杆可保證原料經常翻滾來碾碎可能形成的任何團塊和防止處理過程中的原料結塊。
- 自動連續操作；自動檢測料斗內部溫度確保高品質結晶原料的輸出；
- 滿足不同原料需要；可直接線上處理也可批量處理後儲存結晶原料待日後使用；
- 設計安全、方便清潔；進入門和可移動維護靈活設計，讓攪拌器可以從頂部或底部移開、潤滑方便。

Features

- Reliable, high-quality material output, scientific structure & design.
- Agitating hopper prevent agglomeration, constant agitation of the paddle and orientation pole prevents agglomeration and material degradation during heating.
- Continuous & automatic operation, automatic monitoring of the temperature inside the hopper ensure a reliable output of high-quality crystallized material.
- Meet different requirement, use on-line crystallizing for direct discharge into your processing or batch processing for storage of the crystallized material to re-use at a later time.
- Safe design, access doors and removable Cone section have safety interlocks make cleanout conveniently.



熱風回收器 Hot air recyclers

配合料鬥乾燥機使熱風形成半封閉的循環網路，它具備以下特點：
Work with hopper dryer to make the hot air form a semi-hermetic circulated loop and has feature as below:

- 熱風回收循環，可避免房內溫度升高。
Hot air recycling and circulating so avoid indoor temperature rise up.
- 保持廠房內空氣清潔，保證產品品質。
Keep air in factory clean and insure good product quality.
- 由於熱風循環加熱速度極快。且能降低損耗，約可節省能源40%。
Heating by fast hot air circulation can low down energy consumption to 40%.

型號 Model	過濾桶徑 Model filter barrel Dia.(mm)	入風管徑 Inlet air pipe Dia. (mm)	排風管法蘭 Flange of air outlet pipe(inch)	適用機型 applicable model	乾燥機風機 Blower of dryer
HAR-12	157	2"	2"	MD-H-12	2.5"
HAR-25	157	2.5"	2.5"	MD-H-25	2.5"
HAR-50	175	3"	3"	MD-H-50/75	3"
HAR-100	219	3"	3"	MD-H-100/150	4"
HAR-200	245	4"	4"	MD-H-200/600	5"

產品價格若有變更，恕不另行通知。 We reserve right to change specifications without prior notice.



鋁制磁力底座 Magnetic Base

配合料鬥磁鐵使用，可有效清除廢料中的鐵質雜物，達到清料的作用。可避免原料受污染以及保護螺絲杆。
Made of aluminum with built-in hopper magnet, can effectively separate metal scraps out so avoid material contamination.

型號 Model	適用機型 Applicable Model
MAB-25	MAB-50
MAB-100	MAB-200
MAB-400	MAB-600



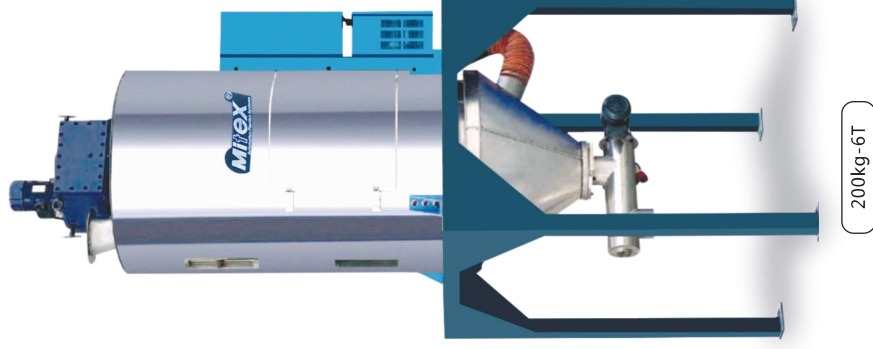
槽料板座

型號 Model	適用機型 Applicable Model
SGV-15	MD-H-515
SGV-30	MD-H-530-75
SGV-100	MD-H-5100-300
SGV-400	MD-H-5400-600



風車入口過濾器

型號 Model	適用機型 Applicable Model
BIF-12	MD-H-12/25
BIF-50	MD-H-50/75
BIF-100	MD-H-100/150
BIF-200	MD-H-200-800



200kg-6T

除湿乾燥 Dehumidifying&Drying

MTD 热风乾燥箱 Ovendryer



主要特點

- 強力耐溫送風系列與獨特風格結構設計，確保內部的溫度分布均勻準確，烘烤品質值得信賴。
- 不銹鋼盛架與高效率之循環熱風回收再利用設計，省電、耐用、可同時乾燥多種原料、節省能源。
- 配有24小時自動計時裝置，可預先設定任何時間。

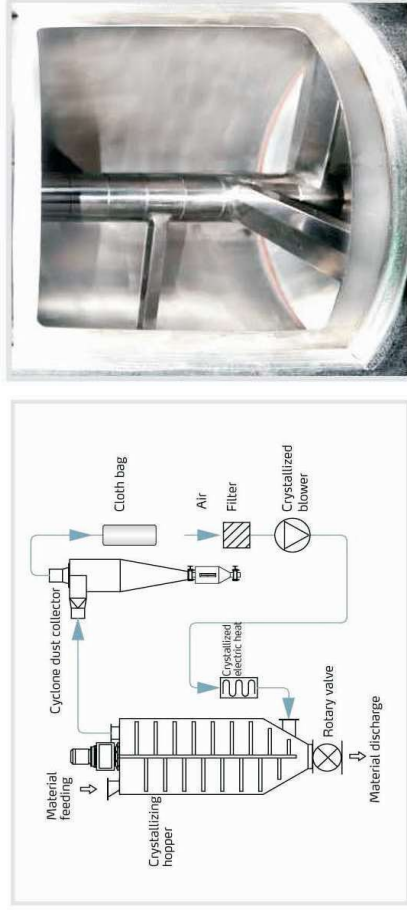
Features

- Powerful, heated air flow system and unique air circuit are designed for evenly temperature control and the best baking quality.
- The MTD oven dryer has stainless steel tree trays, in which you can place your resins or materials to be dried, hot air recycling system is durable and energy saving.
- Equipped with 24-hour-timer, which can be set in advance to operate the MTD oven dryer.

技術規格 Specifications

型號 Model	功率 Power (KW)HP	風機馬達 Blower(kw)	溫控範圍(°C) Temperature	托盤數 Numbers of Tray	容量 Capacity(kg)	外形尺寸(cm) Dimensions	重量 Weight(kg)
MTD-5	6	0.75	200	5	50	92 x 66 x 138	156
MTD-9	6	0.75	200	9	100	92 x 66 x 175	190
MTD-20	12	1.5	200	20	200	166 x 66 x 195	315

產品規格若有變更，恕不另行通知。 We reserve right to change specifications without prior notice.



Working Principle 工作原理

內部結構, inner structure

技術規格 Specifications

型號 MODEL	MD-HCR									
	100	200	300	400	500	600	800	1000	1500	2000
容量 Volume(KG)	100	200	300	400	500	600	800	1000	1500	1500
加熱功率 Heater(KW)	6.2	11	18	20	22	24	30	68	68	68
風機功率 Blower(W)	240	300	320	360	750	750	1500	1500	2200	2200
電機功率 Motor(KW)	0.25	1.5	1.5	1.5	1.5	2.25	2.25	1.5	2.2	2.2
處理量 Capacity(KG/Hr)	50	100	150	200	250	300	400	500	750	750
尺寸 Dimensions (mm)	800*620*2112	905*710*2680	1200*1030*2760	1300*1070*2860	1300*1070*3160	1350*1035*3220	1335*1080*3850	1470*1150*3745	1720*1460*3650	1980*1580*3910

產品規格若有變更，恕不另行通知。 We reserve right to change specifications without prior notice.

除濕乾燥 Dehumidifying & Drying

MSD 模具除濕機 Mold Sweat Dehumidifiers

美得模具除濕機主要適用於解決在塑膠成型過程中, 模具使用冷凍機系統縮短成型時間而產生的結露問題, 特別是PET瓶胚射出成型時, 限制水份在模具表面凝結而散發出來的。當模具表面的溫度低於週圍空氣露點的溫度時, 就會出現“結露”現象, “結露”會影響產品質量及系統的生產效率, 還會腐蝕模具表面。

美得MSD系列模具除濕機能產生0°C到-10°C低露點空氣, 在模具週圍創造最佳的適用空氣條件, 使之一年四季都穩定。

MSD series of mould sweat dehumidifier are designed for the solution of condensation on the mold surface. The cooled water is used to reduce the molding cycle time, particulary in injection and blow molding of PET. Condensation is formed when the mold surface temperature is below the dew-point temperature of the surrounding air. Condensation on the mold surface will cause corrosion of the mold surface and affect part quality. The MSD generates an air flow with a dew-point ranging from 0°C to -10°C. And carries it to surround molding area. It makes the best condition of humid all year round.

模具-除濕機特點

- PID溫度控制系統。(微電腦型)
- 24小時自動運轉定時設定及自動故障顯示功能
- 馬達超載及逆相防止功能。
- 除露機出口溫度可依操作環境的需要而調整。
- 特殊排水設計, 完全導出露水。

Product Feature

- PID Temperature controller system (IC Control Panel).
- 24-hr timer for auto-start-up operation and automatic operation fault diagnose.
- Motor over-loading & phase-reversing protection.
- The through out air temperature from mold dehumidifier can be adjusted by the need.
- Special water-exhausting design.

规格参数表/Specification Table

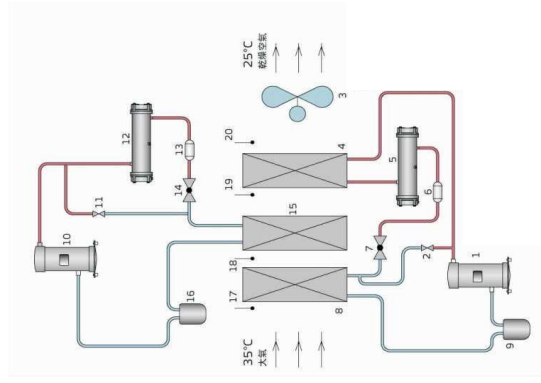
型号 Model	MSD						
	3	5	8	10	20		
风量 Air Flow	M ³ /h	700	1150	1700	2400	3000	3600
出口静风压 Outlet static pressure	Pa	500					
出风温度 Air Temperature	°C	25-30					
出风相对湿度 Air relative humidity	%	30-45					
出风露点温度 Dew Point	°C	2-8					
电源 power supply		3PH-380V-50HZ					
制冷量 Cooling capacity	KW	9.4	15.7	24.6	32.5	36.5	48.5
除湿量 Dehumidification capacity	Kg/h	12	20	30	40	50	60
总输出功率 Total output power	KW	2.5	4.2	6.9	9.3	15.6	18.75
压缩机功率 Compressor power	KW	2.2	3.75	5.5	7.5	9.0	11.25
风机功率 Blower power	KW	0.4	0.75	1.5	2.2	5.5	7.5
冷却水温 (10°C) Cooling water	M ³ /h	3	5	7	9	12	15
冷却水管径 Cooling water Diameter	mm	25	38	38	50	50	63
凝结水管径 Condensate water diameter	mm	15	15	15	25	225	25
出口管径 Air Outlet diameter	mm	127	152	152	160	160	160
长 Length	mm	850	890	920	1250	1250	1450
宽 Width	mm	890	890	890	1250	1250	1450
高 Height	mm	1400	1500	1500	1698	1698	1885
重量 Weight	kg	120	175	200	250	400	600

產品規格若有變更, 恕不另行通知。 We reserve right to change specifications without prior notice.

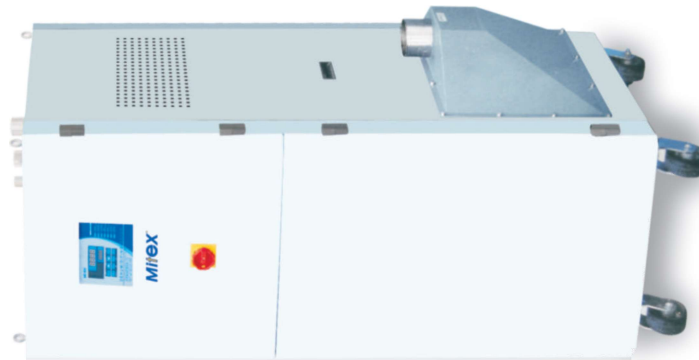
技術規格 Specifications

機型 MODEL	MSD				
	5	8	10	15	20
模具型腔數 Mould cavitation	12	24	32	48	56
型腔排列 Arrangement	(2×6)	(4×6)	(4×8)	(4×12)	(4×14)
型腔間距 Pitch	標準	標準	標準	標準	標準
最大吐出量 (kg/hr) Max-through put(kg/hr)	200	270	400	560	560

產品規格若有變更, 恕不另行通知。 We reserve right to change specifications without prior notice.



1. 壓縮機	Compressor 1	11	液態冷媒貯槽	Hot air bypass valve2
2. 液態冷媒貯槽	Hot air bypass valve 1	12	液態冷媒貯槽	Shell tube condenser 2
3. 乾燥器	Blower	13	乾燥器	Dry filter 2
4. 液態冷媒貯槽	Fin style condenser	14	液態冷媒貯槽	Expansion valve 2
5. 液態冷媒貯槽	Shell tube condenser 1	15	液態冷媒貯槽	Evaporator 2
6. 液態冷媒貯槽	Dry filter 1	16	液態冷媒貯槽	Temperature detector 1
7. 液態冷媒貯槽	Expansion valve 1	17	液態冷媒貯槽	Air liquid separator 2
8. 液態冷媒貯槽	Expansion valve 3	18	液態冷媒貯槽	Temperature detector 2
9. 液態冷媒貯槽	Air liquid separator 1	19	液態冷媒貯槽	Temperature detector 3
10. 液態冷媒貯槽	Compressor 2	20	液態冷媒貯槽	Temperature detector 4



升温冷却 Heating & Cooling

MTC 运水式模温机

Water Temperature Controllers

MTC 标型水式模温机主要用于模具的恒温与加热，也适用于有同样工况需求的其它领域，使用普通的冷却水为媒介，通过高压环境下水的沸点升高这一特性，可使水温升高至120℃，并利水的低粘滞性，达到快速升温、恒温的热交换效果。

MTC water type mold temperature controller is used to heat up the mould and maintain temperature, although can be used in other similar applications. Use common cooling water as the medium. The boiling point of water synchronization pressure increase this characteristic, can make the temperature up to 120 °C, and the low viscosity of water makes it heating up quickly.



挤出专用模温机组 Temperature control Unit for extruder



- 采用微电脑PID自动演算温控器，精确稳定，实际温差控制在±0.5度内。
- 电控箱与机身采用隔离设计，隔热效果佳，可延长电器零件使用寿命。
- 具自动排水功能，停机换模时自动排出模具中残留的热量（此功能选配）。
- 加热及冷却时间快速，温度稳定。
- 安全保护及保障指示系统完善，操作保养简单方便。
- 含多种水泵配置，以满足挤出等不同场合使用。
- Standard control accuracy 0.5°C. Special design upon request.
- Modular design is compact, economical, efficient and basically maintenance free.
- Automatically drains water during mould changes.
- Complete with safety protection and error indication system.
- Rapid heating and cooling. Temperature kept stable at all times.
- A variety of water pump configurations to meet the use of different occasions such as extrusion use.

技术规格 Specifications

機型 MODEL	MTC			
	1205G	1210G	1220S	1230S
機熱媒介Medium	清水 Fresh Water			
最高使用溫度Max. Working temp. °C	120 °C			
控制方式Control Method	P.I.D控制 P.I.D control			
加熱功率Heater Capacity (KW)	6	9	12/18	18/24
密封方式Seal Method	機械軸封 Mechanical Method			
馬達功率Motor Capacity(KW)	0.37	0.75	1.5	2.2
最大壓力Max. Pressure(Mpa)	0.28	0.38	0.24	0.26
最大流量Max. Flow(L/min)	42	56	165	235
性能特性 Performance	吐出量Flow Rate(L/min)	20	39	42
	全揚程Total Head(M)	28	21	6
冷卻方式 Cooling method	直接冷卻 Direct Cooling			
冷卻能力Cooling Capacity (KW)	11	11	50	11*2
配管 Pipe Size	3/8"方向 direction	3/8"方向 direction	3/8"方向 direction	3/8"方向 direction
循環系統 Circulation Line	(主管道) Main Pipe			
冷卻系統 Cooling Line	(分枝管) Branch pipe			
警報 Alarm	逆相、媒體不足、水泵過載、溫度上、下限、超溫保護 Phase Reverse, Medium Shortage, Pump Overload, Temp. Upper and lower limit, Over Heat			
電源電壓 Power Supply	AC380V 3PH 50HZ			
冷卻水壓力需求 Water pressure	(0.1~0.3Mpa)			
附屬品 Accessories	電源纜 5M Power Cable 5M			
外形尺寸 Dimensions (mm)	850x 290x855	850x 290x855	1130x 340x835	1130x 340x835
淨重 Net Weight (KG)	50	54	60	110
			120	105

產品規格若有變更，恕不另行通知。 We reserve right to change specifications without prior notice.



120°C Series

MTC 运水式模温机

Water Temperature Controllers

MTC高温型运水式模温机，最高温度达180℃。主要适用于塑料成形精密模具的温度调节。采用间接冷却方式，可精准控制温度。机型具备多种安全保护装置。根据不同的温度需求150℃采用齿轮泵，180℃采用磁力无轴封泵，无泄漏担忧。150/180℃的简介

MTC high temperature water type mold temperature control unit, the maximum working temp up to 180 °C. It is mainly suitable for the temperature regulation of precision plastic forming molds. Using indirect cooling mode, it can accurately control the temperature. Have a variety of safety protection device. According to the different temperature requirements 150 °C using gear pump, 180 °C using magnetic force without shaft seal pump, no leakage concerns.

- 采用全数位PID分段式控温系统，在任何操作状态下均可维持稳定的模具温度，控温精度达到±0.1℃。
- 采用高效率水循环泵浦，能适用于精密模具及小直径模具回路中的控温需求，实现精密模具控温和高效率热交换。
- 配置电源逆相保护，泵浦过载保护，超温保护，低液位保护等多项安全装置，当发生故障时，本机可自动侦测到异常，并直接告知故障内容。
- 高温型加热温度可达180℃。
- 具有高压保护，安全泄压，自动补水及排气功能。
- 采用间接冷却，控温更为准确，以水之低粘滞性，快速达到热交换效果。
- 高温机型采用磁力泵浦，性能稳定，泵浦无泄漏的可能。

- P.I.D. multi-stage temperature control system can maintain a mould temperature with an accuracy of ±0.1℃.
- Adopts high efficiency water cycle pump, with which precise moulds and mould loop with minor diameter can achieve precise temperature control and high efficient heat exchange.
- Multiple safety devices including power reverse phase protection, pump overload protection, overhear protection and low level protection that can automatically detect abnormal performance and indicate this via visible alarm.
- The heating temperature can reach 180℃.
- Equipped with high pressure protection, safety pressure relieving, automatic water supplying and air exhausting.
- Adopts indirect cooling, which makes temperature control more precise. The low viscosity of water realizes fast heat exchange.
- Adopt magnetic pump for high temperature models with no leakage.

技术规格 Specifications

機型 MODEL	MTC					
	1510G	1520G	1510G-TS	1520G-TS	1815M 1815M-TS 1840M 1840M-TS	
傳熱媒介Medium	滿水 Fresh Water					
最高使用溫度Max. Working temp. °C	150°C			180°C		
控制方式Control Method	P.I.D控制 P.I.D control					
加熱功率Heater Capacity (KW)	9	18	9*2	18*2	9 18 9*2 18*2	
密封方式Seal Method	機械密封 Mechanical Method 無軸封 Sealless					
馬達功率Motor Capacity (KW)	0.75	1.5	0.75	1.5*2	1.1 3 1.5*2 3*2	
最大壓力Max. Pressure (Mpa)	0.38	0.45	0.45	0.37	0.45 0.6 0.45 0.6	
最大流量Max. Flow (L/min)	50	82	47	82	50 120 50 120	
吐出量Flow Rate (L/min)	10 30 45 10 55 75 10 30 45 10 55 75 38 27 8 90 35 30 90 35 30					
性能特性 Performance	30 20 10 40 20 10 30 20 10 40 20 10 40 20 10 40 50 10 40 50 10 40 50					
全機型Total Head (M)	間接冷卻 Indirect Cooling					
冷卻方式Cooling method						
冷卻能力Cooling Capacity (KW)	11	11*2			11 11	
配管管徑系統 (主管道) Main Pipe Size	1inch 3/8**4方向Direction 3/8**6方向Direction 3/8**6方向Direction 3/8**6方向Direction					
配管管徑系統 (分支管) Branch pipe Size	3/8*					
警報Alarm	逆相、媒體不足、水泵過熱、溢壓上、下限、超溫保護、高壓保護 Phase Reverse, Medium Shortage, Pump Overheat, Temp. Upper and lower limit, Over Heat High pressure protector					
電源電壓 Power Supply	AC380V 3PH 50HZ (0.1~0.3Mpa)					
冷卻水壓力需求 Water pressure	電源線 5M Power Cable 5M					
附屬品 Accessories						
外形尺寸 Dimensions (mm)	1000x 340x835	1000x 340x835	1350x 400x1385	1350x 400x1385	1100x 340x900 1350x 400x1385	
淨重 Net Weight (KG)	97	115	190	220	110 127 200 220	

看高規格若有變更，恕不另行通知。 We reserve right to change specifications without prior notice.



150/180°C Series

升温冷却 Heating & Cooling

MTc 運油式模溫機

Series Oil Temperature Controllers

M T C串循環式模溫機，使用油為傳熱媒介，以間接冷卻方式達到熱交換原理，控制操作溫度，最高溫度可達200溫度。

MTC oil circulation temperature controller use heat transfer oil as heating medium and processes under indirect cooling method for heating up,the highest temp.can Reach 200°C.



200°C Series



采用微电脑PID自动演算温控器，精确稳定，实际温差可控制在±0.5度内。
电控箱与机身采用隔离设计，隔热效果佳，可延长电器零件使用年限。
具自动排水/油功能，停机换模时自动排出模具中残留的热媒（选购配件）。

加温及冷水冷却时间快速，温度稳定。
采用内挂式四进四出进出口管。
安全保护及故障指示系统完善，操作保养简单方便。

PID microcomputer controller with standard control accuracy 0.5oC.Special design upon request.
Separated mechanical parts and electrical box,extend the service life of the electric parts
Automatic water drain when change the mould function for option
Complete with safety protection and error indication system.
Hot water piping is single unit design extended to 4 inlet and 4 outlet separation tubes to avoid leakage.
Rapid heating and cool off speeds,temperature is kept stable at all time.

技術規格 Specifications

機型 MODEL	MTC						
	2010G	2020G	2010S	2020S	2030S	2050S	2010G-TS 2020S-TS 2030S-TS
傳熱媒介Medium	熱傳導油 Thermal Oil						
最高使用溫度Max. Working temp. °C	200°C						
控制方式Control Method	P.I.D控制 P.I.D.control						
加熱功率Heater Capacity (KW)	9	12	9	12	18/24	36/48	9*2
密封方式Seal Method	機械密封 Mechanical Method						
馬達功率Motor Capacity(KW)	0.75	1.5	0.75	1.5	2.1	3.75	0.75*2
最大壓力Max. Pressure(Mpa)	0.38	0.45	0.22	0.24	0.26	0.28	0.38
最大流量Max. Flow(L/min)	56	110	165	235	315	385	56
吐出量Flow Rate(L/min)	58	52	25	30	95	105	22
全行程Total Head(M)	10	21	38	42	20	22	6
性能特性 Performance	21	38	42	20	22	20	7
膨脹油箱容量(L) Expansion Tank Capacity	6	10	6	25	25	145	20
冷卻方式Cooling method	間接冷卻 Indirect Cooling						
冷卻能力Cooling Capacity (KW)	5						
管徑 Pipe Size	1"						
循環系統 (主循環) Main Pipe Circulation Line (分歧管) Branch pipe	3/8"*4方向Direction						
冷卻系統 Cooling Line	3/8"						
警報Alarm	逆相、缺相不足、水泵過載、溫度上、下限、超溫保護 Phase Reverse, Medium Shortage, Pump Overload, Temp. Upper and lower limit, Over Heat						
電源電壓 Power Supply	AC380V 3PH 50HZ						
冷卻水壓力需求 Water pressure	(0.1-0.3Mpa)						
附屬品 Accessories	電源線 5W Power Cable 5M						
外形尺寸 Dimensions (mm)	950x 310x710	1100x 340x835	1100x 340x835	1100x 340x835	1730x 670x1635	1730x 950x 310x710	1730x 920x1635
淨重 Net Weight (KG)	66	71.5	80	95	97	185	130

© 總經銷 Gear Pump 5. 齒流泵 Swirl Pump
產品價格若有變更，恕不另行通知。 We reserve right to change specifications without prior notice.

升温冷却 Heating & Cooling

MTC

高温350°C度油式機溫機
High Temperature Controller
Up To 350°C

- 最高使用溫度350°C。
- 標準採用連軸式熱媒油泵浦，流量大，使用壽命長。
- 可指定選用德國KSB/德國SPECK、德國ALLWEILER熱媒油泵。
- Schneider、OMRON控制零件
- 隔離型電控箱延長電氣壽命
- 自動排氣功能
- 多段加熱控制，功率可自行調整
- 電氣配電箱採用雙重隔離及散熱設計
- 採用高溫保溫材料隔熱處理，節約能源及熱量損失。

- The maximum operating temperature:300°C/350°C.
- Use hot oil pump of axis-x connection type with big flow rate and long service life.
- Switchover of heating power
- At the request of customers, the brand of the hot oil pumps are from Germany which is respectively KSB,SPECK or ALLWEILER.
- Schneider, OMRON control parts
- Automatic Exhaust function.
- Double insulation and heat dissipation design for the electric distribution design.
- Multi-zoned heating control with power self-adjusting function.
- High-temperature insulation materials can be adopted on the heat insulation so as to save energy and reduce heat loss.



350°C Series



連軸泵



磁力驅動泵

技術規格 Specifications

機型 MODEL	MTC											
	3515M	3540M	3540A	3550A								
傳熱媒介Medium	導熱油 Thermal Oil											
最高使用溫度Max. Working temp. °C	350 °C											
控制方式Control Method	P.I.D控制 P.I.D control											
加熱功率Heater Capacity (KW)	24	24	24	48								
密封方式Seal Method	無軸封 Sealless		機械密封Mechanical Method									
馬達功率Motor Capacity(KW)	1.1	3	3	4								
最大壓力Max. Pressure(Mpa)	0.45	0.6	0.32	0.32								
最大流量Max. Flow(L/min)	50	120	208	483								
吐出量Flow Rate(L/min)	38	27	8	90	35	30	175	125	40	400	320	240
性能特性 Performance	10	20	40	10	40	50	20	25	30	25	27	30
膨脹油補充量(L) Expansion Tank Capacity	20				50	50	50	90				
冷卻方式 Cooling method	間接冷卻 Indirect Cooling											
循環系統 (主管道) Main Pipe	1"											
配管 Circulation Line (分枝管) Branch pipe	3/8"~4"方向Direction				1"~1"方向Direction							
冷卻系統 Cooling Line	3/4"				1"							
警報Alarm	Phase Reverse,Medium Shortage,Pump Overload,Temp.Upper and lower limit,Over Heat				逆相、媒體不足、水泵過載、溫度上、下限、超溫保護							
電源電壓 Power Supply	AC380V 3PH 50HZ				(0.1~0.3Mpa)							
冷卻水壓力需求 Water pressure	電源纜 5M Power Cable 5M											
附屬品 Accessories	1300x370x1235				1300x370x1235				1300x370x1235			
外形尺寸 Dimensions (mm)	208				230				380			
淨重 Net Weight (KG)					230				418			

產品規格若有變更，恕不另行通知。 We reserve right to change specifications without prior notice.

升溫冷卻 Heating&Cooling

MRHT 高光蒸汽模溫機 High Glossy Temperature Controller

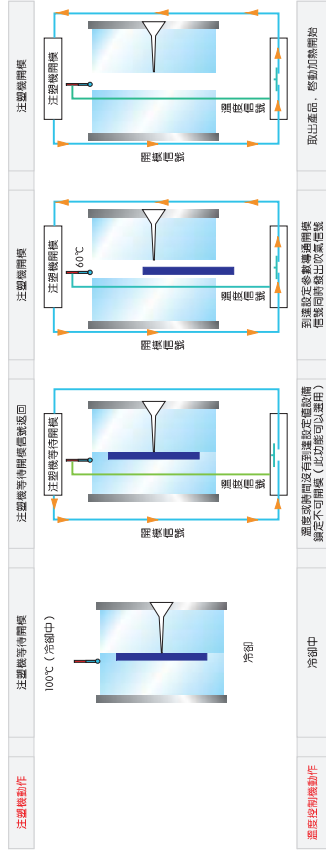
優點及特點

- 可完全清除產品表面水紋，消除痕，銀絲紋。
- 可以解決塑膠產品表面縮水問題。
- 提高產品表面光潔度，使高光產品表面光潔度可達到鏡面效果。
- 高光產品不需要噴油加工，回應環保，提高成品率20-30%。
- 在寒冷退熱的情況下，使成型周期大大縮短。
- 三菱變頻式電機控制，全中文介面，操作簡單。
- 全封閉循環系統輸入輸出溫度的檢測，以模實實際溫度回饋PLC數顯圖變化顯示，確保輸出準確穩定。
- 數顯圖變化顯示，確保輸出準確穩定。
- 高溫蒸汽，冷水，空氣溫度及壓力六項報警，用時間和動作與注塑機信號互鎖。
- 單變路模溫機溫度檢測（可選），輸入輸出管道採用不銹鋼管，多組輸入輸出接口。



Advantages&Characteristics

- Remove seam trace, wrinkle and silver streak from product surface.
- Eliminate shrinkage of plastic product surface thoroughly.
- Increase product surface smoothness just like a mirror surface.
- Do not need post-processing for this product, and increase the yield of finished product between 20 to 30%.
- Full-closed loop system to control input and output temperature detection, feed back actual temperature of the mould to PLC, indicate digital color figure change and assure correct and stable output.
- High temperature water, cool water, air temperature and pressure alarms, injection moulding, Machine signal inter lock with time and action.
- Double-way mould temperature detection, input and output pipe available in 40" stainless steel, 12 groups of input and output interfaces.



技術規格 Specifications

型號 Model	15L/1600T	15L/850T	15L/500T
電源 Power Supply	3phase 380V 50/60HZ		
控制系統 Control System	全電腦無人機智能觸摸控制 Simense PLC controller		
總功率 Total Power	165KW	135KW	107KW
導熱媒 Medium	水/Water		
加熱和冷卻控制方式 Heating&Cooling method	間接冷卻/Indirect Cooling		
模溫冷卻控制精度 Cooling temp.Accuracy	±1°C (跟模具設計有關) Related with mould design		
加熱系統控溫精度 Heating temp.Accuracy	±1°C (跟模具設計有關) Related with mould design		
加熱系統最高溫度 Highest Heating temp.	180°C		
加熱功率 Heating Energy	25KW×6	25KW×5	25KW×4
加熱方式 Heating method	電加熱 electrical heater		
加熱系補 Heating Pump flow rate	315L/min	295L/min	192L/min
冷卻系補 Cooling pump flow rate	315L/min	315L/min	275L/min
冷卻方式 Cooling method	直接冷卻 Direct cooling		
模溫最高加熱溫度 Mould highest heating temp.	180°C (跟模具設計有關) Related with mould design		
模溫最低冷卻溫度 Mould lowest cooling temp.	15°C (跟模具設計及工廠的冷卻水有關) Related with mould design and temp. of cooling water		
冷熱轉換控制 Heat exchange controller	電腦PLC處理器+觸摸屏(PLC+Touch Screen)		
溫度感應 Temp. Sensor	K型熱電偶 K type thermocouple		
調節動作 Adjustment	加熱冷卻PID控制 Double PID control		
媒體進出口 Medium In/Outlet	DN32	DN32	DN25
顯示功能 Status Display	設定值和實際值分別顯示 Set value and Actual Value		
警報功能 Alarm Function	缺水/反相/缺水/缺氣/超溫/高壓/加溫超時		
冷卻水進出口徑 Cooling water In/Outlet	DN32	DN32	DN25
壓縮空氣工作氣體入口 Compressed air Inlet	4.8		
手動排水口 water Drain	DN15		
外型尺寸 Dimensions (mm)	1600×750×1550(mm)		
重量 Weight (KG)	600	500	400

產品規格若有變更，恕不另行通知。 We reserve right to change specifications without prior notice.

升溫冷卻 Heating&Cooling

MHCT 加熱冷卻一體複合機

Cooling & Heating Combination
Temperature Controller

特點

- 可急速冷卻：通過加熱系統與冷卻系統合體的單一系統實現卓越的冷卻性能。
- 多點溫度控制：按各個條件進行單種的溫度控制。
- 多點構成：各個溫度控制點（10℃~120℃）。
- 節能：雙回路構造根據使用負荷，進行多段控制，節能。
- 方便的維護、維修：半封閉式活塞式壓縮機：使用性能優良的壓縮機，管理與A/S容易。
- 浸水式蒸發器：防冷卻迴圈低壓運轉導致的蒸破
- 適用緩衝裝置，將震動導致的排管與壓縮機破損最小化。

Features

- Rapid heating : All-In-One Heating and cooling system of a mold-excellent Cooling performance.
- Multi-Zone temperature control: Individual temperature control according to conditions.
- Multi-Zone System: Individual Zone control (temperature range : 10°C ~ 120°C).
- Energy Saving: Energy saving by Applying multi-level control according to normal load (Dual cycle structure).
- Easy Maintenance: Semi-closed reciprocating compressor : Outstanding A/S and maintenance.
- Safety Devices: Preventing freeze and burst by operating cooling cycle with low pressure Minimizing damage of compressor and pipe from vibration by applying a shock absorber

技術規格 Specifications

MHCT			
型號	Model	110	115
適用注塑機	Injection pressure range	850 ton~	1300 ton~
電源	Power	AC 220V/380V ±10%, 50/60HZ, 3Phase	
溫控範圍	Temperature Range	+10°C~120°C	
媒體	Medium	清水 Clean Water	
冷卻水進口	Cooling Tower to HICUL	50A(2")	
冷卻水出口	HICUL to Cooling Tower	50A(2")	
出水口	Media outlet	25A(1")C4ea	
回水口	Media Inlet (Mold to HICUL)	32A(1 1/4") x 4ea	
冷卻部分 Cooling Unit			
冷卻能力	Cooling capacity kcal/h(KW)	62,000(72.1) (31,000 x 2 cycle)	124,000(144.2) (62,000 x 2 cycle)
控制方式	Control type	ON / OFF type	
溫度檢測方式	Temperature sensor method	PT 100 Ω	
冷凝器形式	Condenser type	WATER CONDENSER TYPE	
冷媒	Refrigerant	FREON R-22	
壓縮機	Compressor	10HP x 2CYCLE	20HP x 2CYCLE
		半封閉活瓣式	半封閉活瓣式
		Semi-closed reciprocating	Semi-closed reciprocating
冷凝器	Condenser	shell & tube type	
蒸發器	Evaporator	浸水型 Tube type	
膨脹閥	Expanding valve	Thermostatic type	
儲液罐	Liquid receiver	Horizontal type	
濾油器	Oil separator	Vertical type	
氣液分離器	Accumulator	Vertical type	
加熱部分 Heating Unit			
加熱功率	Heating capacity(KW)	12	
最大流量	Max.water flow(L/h)	664(166 x 4 zone)	
控制方式	Control type	PID Type	
溫度檢測方式	Temperature sensor method	PT 100 Ω	

產品規格若有變更，恕不另行通知。 We reserve right to change specifications without prior notice.



MIC-W 水冷式冰水機

Water Cooled Chiller

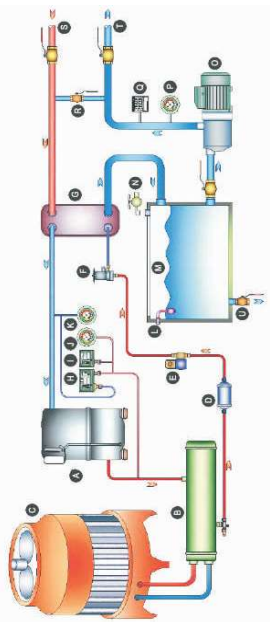


特點

- 採用微電腦控制溫控制器，能準確地控制水溫在+5°C至+35°C；
- 機器零件採用原裝進口“Siemens”、“OMRON”、“Schneider”等廠牌；
- 採用原裝“COPELAND”或日本“Panasonic”、丹麥“Danfoss”壓縮機
- 殼管式冷媒器蒸發器，採用經ISO認證品牌，故成本低、效率高、可節省電約30%以上；
- 安全保護及故障指示系統完善，操作保養簡單方便；
- 機體角邊為圓弧形，造形美觀大方；
- 筒管採用無氣焊接，減少內部雜質，增加效率，壓縮機壽命長。

Features

- The Chiller is deployed with PID temperature controller, it can control the temperature between +5°C and +35°C exactly.
- All electric parts are “FUJI”, “OMRON” and “Schneider” brand etc.
- Compressor is used “COPELAND” brand which made in USA “Danfoss” Brand from Denmark or “Panasonic” brand which made in Japan, newly imported license together with the chiller.
- High efficiency cooler and evaporator are passed ISO9002 certification, and also able to save more than 30% of electricity.
- Complete with safety protection and error indication system, so it is convenience for operation and maintenance.
- The four side of the chiller are shaped as same-round corner, so that is beautiful and dignified.
- The copper tube is used the product of oxygen free welding method for reducing impurities in the interior portion of the tube and increasing the efficiency also the lifetime of compressor.



- A:** 壓縮機
B: 水冷式蒸發器
C: 冷卻水塔
D: 冷凍過濾器
E: 電磁閥
F: 膨脹閥
G: 蒸發器
H: 高低壓開關
I: 高壓控制
J: 高壓表
K: 低壓表
L: 液位開關
M: 水箱
N: 補水口
O: 水泵
P: 水壓表
Q: 溫控表
R: 泄壓回路
S: 入水口
T: 出水口
U: 排水口

技術規格 Specifications

機型	MIC					
	5W	10W	15W	20W	30W	40W
制冷量 Freezing capacity	KW					
	14	28	42	56	84	112
	12040	24080	36120	48160	56760	96320
	47798	95597	143396	191195	225337	286792
壓縮機 Compressor	類型 Type					渦旋式 scroll
	3.2	6.6	2x5.2	2x6.6	2x7.6	3x6.6
	3.6	5.5	2x5.0	2x5.5	2x6.5	3x5.5
制冷劑 Refrigerant	重量 填充量 (kg)					4x6.6
	控制方式 Control Mode					熱力膨脹 Thermostatic expansion valve
蒸發器 Evaporator	種類 Type					R22/R407C (定制 Customized)
	類型 Type					殼管式 Tube-in-shell style
冷凝器 condenser	類型 Type					殼管式 Tube-in-shell style
	50	100	150	200	250	300
	流量 (L/min)					2.5
	進出口 (inch)					2
水箱容量度 Water Tank (L)	62	79	170	170	250	350
功率 Power (KW)	0.75	1.5	1.5	1.5	1.5	2.2
流量 Flow rate (L/min)	75	120	208	208	208	250
壓力 Working pressure (kg/cm2)	2	2	2	2	2	2
冷水出口 Chilled water outlet (inch)	1	1.5	2	2	2	2.5
冷水入口 Chilled water inlet (inch)	1	1.5	2	2	2	2.5
補水口 Water supplier Port (inch)	0.5	0.5	0.5	0.5	1	1
溢水口 Over flow Port of water tank (inch)	0.5	0.5	0.5	0.5	0.5	0.5
排水口 Drainage Port of water tank (inch)	0.5	0.5	1	1	1	1
保护装置 Protective Device	壓縮機 Compressor					過載繼電器 Overload Relay
	水泵 Pump					過載繼電器 Overload Relay
	制冷回路 Refrigerant circuit					高低壓壓力開關 High and Low Pressure Switches
	冷水回路 Cooling water circuit					水櫃水位開關/流量開關 (選配) water level switch/flow switch (for option/By-pass Valve (for option)
電源規格 Power specification	3φ, 380VAC, 50Hz					
單位換算 Measures Exchange	1 kW = 860 kcal/hr 1 RT = 3,024 kcal/hr 10,000 Btu/hr = 2,520 kcal/hr					
外型尺寸 Dimensions	LxWxH	MM	1400x 655x1135	2100x 755x1285	2400x 1005x1450	2550x 1820x1700

最高規格若有變更，恕不另行通知。 We reserve right to change specifications without prior notice.

升溫冷卻 Heating & Cooling

MIC-A 風冷式冰水機 Air Cooled Chiller

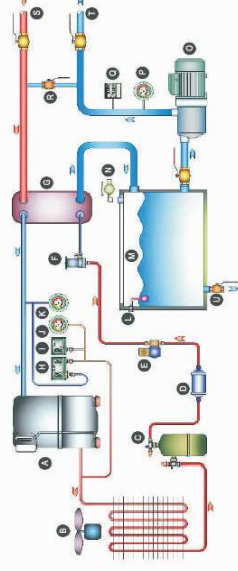


MIC-40A

- 採用微電腦控制溫控制器，能準確地控制水溫在+5°C至+35°C；
- 採用原裝“COPELAND”或日本“Panasonic”，丹麥“Danfoss”壓縮機；
- 電器零件採用原裝進口“Siemens”，“OMRON”，“Schneider”等廠牌；
- 銅管採用無氧銅管，減少內部雜質，增加效率，壓縮機壽命長。
- 安全保護及故障指示系統完善，操作保養簡單方便；
- 翅片式冷凝器殼管式蒸發器，採用經ISO認證品牌，故障低、效率高、可節省電約30%以上；

- The Chiller is deployed with PID microcomputer controller, it can control the temperature between+5°C and +35°C exactly.
- All electric parts are “Schneider”, “Siemens” and “OMRON” brand etc.
- Compressor is used “COPELAND” brand which made in USA. “Danfoss” Brand from Denmark or “Panasonic” brand which made in Japan also newly imported license together with the chiller.
- High efficiency cooler and evaporator are passed ISO9002 certification, and also able to save more than 30% of electricity.
- Complete with safety protection and error indication system, so it is convenience for operation and maintenance.
- The copper tube is used the product of oxygen free welding method for reducing impurities in the interior portion of the tube and increasing the efficiency also the lifetime of compressor.

技術規格 Specifications



- A: 壓縮機
B: 風冷冷凝器
C: 儲液罐
D: 干燥過濾器
E: 電磁閥
F: 膨脹閥
G: 蒸發器
H: 高低壓開關
I: 水壓開關
J: 高壓表
K: 低壓表
L: 液位開關
M: 水箱
N: 補水口
O: 水泵
P: 水壓表
Q: 溫控表
R: 泄壓回路
S: 入水口
T: 出水口
U: 排水口

機型	MIC								
	5A	10A	15A	20A	25A	30A	40A		
制冷量 Freezing capacity	KW		MIC						
	12	24	36	48	58	72	96		
	10320	20640	30960	41280	49880	61920	82560		
	40970	81940	122911	163881	198023	245822	327763		
壓縮機 Compressor	類型 Type		渦旋式 Scroll						
	功率 Power	KW	3.95	7.95	2x6.3	2x7.95	2x9.1	3x7.95	4x7.95
	Weight 填充量(kg)		4	6	2x5.5	2x6.0	2x7.5	3x 6.0	4x6.0
制冷劑 Refrigerant	控制方式 Control Mode		熱力膨脹 Thermostatic expansion valve						
	種類 Type		R22/R407C (定制 Customized)						
蒸發器 Evaporator	類型 Type		殼管式 Tube-in-shell style						
冷凝器 Condenser	類型 Type		翅片式 Fin style						
水箱容量 Water Tank(L)	0.6	2x0.6	2x0.78	2x0.8	2x0.8	3x0.8	3x0.8		
風機功率(kW)	62	79	150	175	175	220	300		
功率 Power(kW)	0.75	1.5	1.5	1.5	1.5	2.2	3		
流量 Flow rate(L/min)	75	120	208	208	208	250	500		
壓力 Working pressure(kg/cm2)	2	2	2	2	2	2	2.0		
冷水平出口 Chilled water outlet(inch)	1	1.5	2	2	2	2.5	2.5		
冷水平入口 Chilled water inlet(inch)	1	1.5	2	2	2	2.5	2.5		
補水口 Water supplier Port(inch)	0.5	0.5	0.5	1	1	1	1		
溢水口 Over flow Port of water tank(inch)	0.5	0.5	0.5	0.5	0.5	0.5	0.5		
排水口 Drainage Port of water tank(inch)	0.5	0.5	1	1	1	1	1		
保護裝置 Protective Device	壓縮機 Compressor		過載繼電器 Overload Relay						
	水泵 Pump		過載繼電器 Overload Relay						
	制冷回路 Refrigerant circuit		高低壓力開關 High and Low Pressure Switches						
	冷水平回路 Cooling water circuit		水箱水位開關 Water level switch (for option)						
電源規格 Power specification	3φ, 380VAC, 50Hz								
單位換算 Measures Exchange	1 kW = 860 kcal/hr 1 RT = 3.024 kcal/hr 10,000 Btu/hr = 2,520 kcal/hr								
外型尺寸 Dimensions	LxWxH	MM	1450x765x1500	1750x765x1500	2150x1005x1700	2550x1005x1700	3150x1005x1800		

最高規格為準，恕不另行通知。We reserve right to change specifications without prior notice.

MIC-AS 风冷螺杆式冷水机

Air cooled screw chiller



MIC-AS 风冷螺杆式冷水机
MIC-AS Air Cooled Screw Chiller



- 压缩机采用国际品牌，新型高效螺旋转子压缩机，比一般压缩机能效高出20%-30%。
- 容量控制可采用四段式（100%-75%-50%-25%）或三段式（100%-66%-33%）及无段式控制系统。
- 采用高效率砂钢片特殊槽型设计，并配备内外全向式设计冷却通道，使压缩机可在任何负载下均可发挥最高效率。
- 独特内建式油压系统，无须油泵也保证压缩机维持最佳消泡效果油分离器采用双层过滤方式，滤油效果佳。热交换器可发挥最大能力。
- 多种制冷剂可供选择，除R22冷媒外，还可以选用R134a、R407c 等环保冷媒。
- 全方位的压缩机容积比（V1=2.2/2.6/3.0/3.5），供选择。可有效避免因过压缩或压缩不足所造成的能源额外消耗。

- World famous brand new type and high-efficient screw-rotor compressor, with efficiency 20%~30% higher than those common ones.
- Capacity control apply to four-step (100%-75%-50%-25%), three-step (100%-66%-33%) and no step control system.
- Designed with efficient silicon steel and special slots, and equipped with the inside and outside all around design to cool the flow channel so to ensure maximum efficiency of the compressor motor under any load.
- Built-in oil pressing system ensure compressor maintaining the optimal lubricity without oil pump.
- High efficiency double filtration oil separator ensures maximum heat exchange.
- Various options of refrigerants, R22, environment-friendly R134a, R407C etc.
- All-wave compressor volume ratio (V1=2.2/2.6/3.0/3.5) for selection to avoid the extra energy consumption caused by over or under compression.

技術規格 Specifications

類別 Type	單壓縮機系列 Single Compressor Series							
	MIC-50AS	MIC-60AS	MIC-70AS	MIC-80AS	MIC-100AS	MIC-120AS	MIC-160AS	
型號 Model	MIC-50AS	MIC-60AS	MIC-70AS	MIC-80AS	MIC-100AS	MIC-120AS	MIC-160AS	
額定制冷量 Cooling capacity 50Hz	Btu/h 498103 Kcal/h 125451 KW 145.9	564334 142132 165.3	654664 164832 191.7	756542 190542 221.6	930315 234308 272.5	1120475 282201 328.2	1334533 336113 390.9	1497235 423646 492.7
電源輸入 Power supply	380~415V / 3Phase / 50Hz							
輸入功率 Compressor power	KW 44.2 45.6 52.9 60.5 73.1 88 103.5 114.6 128.7							
制冷回路 Cooling Loop	熱力膨脹閥 Heat Expansion Valve							
冷劑流量控制 Coolant Flow Control	R22/R407C/R134A							
製冷劑 Refrigerant	半封閉螺桿式 Semi-Sealed Spiral Long Rod Style							
壓縮機款式 Compressor Pattern	Y-△啟動 Y-△Starting							
壓縮機數量 Compressor Quantity	1 1 1 1 1 1 1 1 2							
壓縮機啟動方式 Compressor Starting Method	Y-△啟動 Y-△Starting							
容量控制 Capacity Control	100-75-50-25							
冷凝器款式 Condenser Pattern	高效能紫銅管套銅翅片 High Effective Red Copper Pipes Covered Into Aluminum Fins							
冷凝器風量 Condenser Air Flow	CMH 63690 69570 80670 93030 113970 137280 163080 181890 207240							
冷凝器電機功率 Condenser Engine Power	KW 5.16 5.16 5.16 6.88 6.88 8.6 10.32 12.04 13.76							
蒸發器款式 Evaporator Style	高效能內螺紋銅管殼管式 High Effective Inner Grooved Copper Pole Condenser Made In Kobe							
蒸發器數量 Evaporator Quantity	1 1 1 1 1 1 1 1 1							
壓力損失 The Pressure Loss of Cooling Water	Kpa 72 72 72 72 72 85 85 85 85							
冷凍水流量 ICE Water Flow	m ³ /h 28.5 31.5 36.5 42.2 51.9 62.5 74.5 83.2 95.7							
安全裝置 Safety Device	高/低壓電力開關、排氣過熱保護、熱保護、防凍結溶控器、壓縮機熱保護器、過流保護電器、相序/缺相保護器、油壓保護							
管道連接 Pipes Connection	High/Low Voltage Switch, Exhausting Overheat Protection, Fusible Plug Anti-Freezing Temperature Controller, Compressor Heat Protection, Overcurrent/Relay/Phase-sequence Protector, Lock Pressure Protection							
冷凍水出入管徑 Freezing Water Flow In/Out	Inch 3 3 3 3 3 4 4 4 4							
機器重量 Machinery Weight	KG 1100 1200 1500 1680 2000 2300 2800 3000 3700							

電話號碼若有變更，恕不另行通知。 We reserve right to change specifications without prior notice.

類別 Type	雙壓縮機系列 Double Compressor Series						
	MIC-80ASD	MIC-100ASD	MIC-120ASD	MIC-160ASD	MIC-160ASD	MIC-160ASD	MIC-160ASD
額定制冷量 Cooling capacity 50Hz	Btu/h 784196 Kcal/h 197506 KW 229.7	994205 250903 291.8	1129010 284351 330.7	13097269 329751 383.5	1513426 381169 443.3		
電源輸入 Power supply	380~415V / 3Phase / 50Hz						
輸入功率 Compressor power	KW 71 88.4 91.2 105.8 121.1						
制冷回路 Cooling Loop	熱力膨脹閥 Heat Expansion Valve						
冷劑流量控制 Coolant Flow Control	R22/R407C/R134A						
製冷劑 Refrigerant	半封閉螺桿式 Semi-Sealed Spiral Long Rod Style						
壓縮機款式 Compressor Pattern	Y-△啟動 Y-△Starting						
壓縮機數量 Compressor Quantity	2 2 2 2 2 2 2 2						
啟動方式 Starting Method	Y-△啟動 Y-△Starting						
容量控制 Capacity Control	100-75-50-25						
冷凝器款式 Condenser Pattern	高效能紫銅管套銅翅片 High Effective Red Copper Pipes Covered Into Aluminum Fins						
冷凝器風量 Condenser Air Flow	CMH 100680 127380 139140 161340 186060						
冷凝器電機功率 Condenser Engine Power	KW 6.88 5.16 8.6 10.32 12.04						
蒸發器款式 Evaporator Style	高效能內螺紋銅管殼管式 High Effective Inner Grooved Copper Pole Condenser Made In Kobe						
蒸發器數量 Evaporator Quantity	1 1 1 1 1 1 1 1						
壓力損失 The Pressure Loss of Cooling Water	Kpa 85 85 85 85 85 85 85 85						
冷凍水流量 ICE Water Flow	m ³ /h 44.9 57.1 73.1 84.4						
安全裝置 Safety Device	高/低壓電力開關、排氣過熱保護、熱保護、防凍結溶控器、壓縮機熱保護器、過流保護電器、相序/缺相保護器、油壓保護						
管道連接 Pipes Connection	High/Low Voltage Switch, Exhausting Overheat Protection, Fusible Plug Anti-Freezing Temperature Controller, Compressor Heat Protection, Overcurrent/Relay/Phase-sequence Protector, Lock Pressure Protection						
冷凍水出入管徑 Freezing Water Flow In/Out	Inch 4 4 4 4 4 4 4 4						
機器重量 Machinery Weight	KG 1800 2000 2400 3000 3200						

電話號碼若有變更，恕不另行通知。 We reserve right to change specifications without prior notice.

MMS-V 體積計量式色母混合機

Volumetric Doser

MMS-V系列體積式計量單元設計用於各種色母料。添加劑或塑料粒子的定量給料。

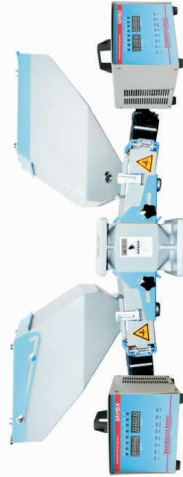
MMS-V series of volumetric dosing unit has been designed for the automatic precise dosing of master batches, additives or plastic granules in a wide range of productions.



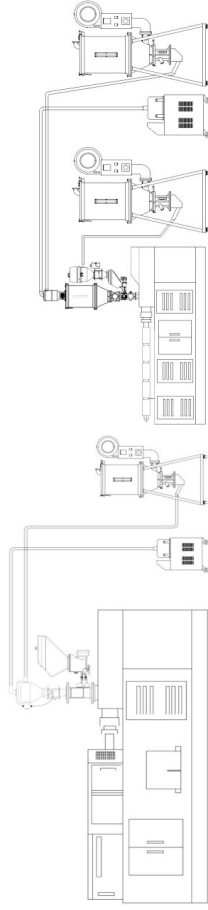
可同时满足外部信号输入的要求
有强制清料功能，方便更换色母
转速可随成型机加工速度自动调整快慢，保持固定色母比例
50组参数配方，永久记录出料时间及成品重量（挤出机为每分钟最大吐量）
使用直流无刷马达，不需保养
可依测色母浓度超载，会自动停机/保护并警报
双色母机标配搅拌器，单色母机型可选配搅拌器

External signals can be directly interfaced with control box.
Forced material cleaning function convenient to replace masterbatch.
Rotating speed can be automatically adjusted according to extruders' proportion of masterbatch.

50 units of parameter recipes are available for permanently recording the period of material discharging and finished products weight (for extruder; it is max.throughput per minute).
Use brushless DC motor and free from maintenance.
Both master blockage and overload can be detected, then machine will halt and sound alarm.
Blender is a standard equipment for double color doser to make the materiel evenly mixed, while also a optional equipment for single color doser to do so.



安装示意图 Installation Diagram



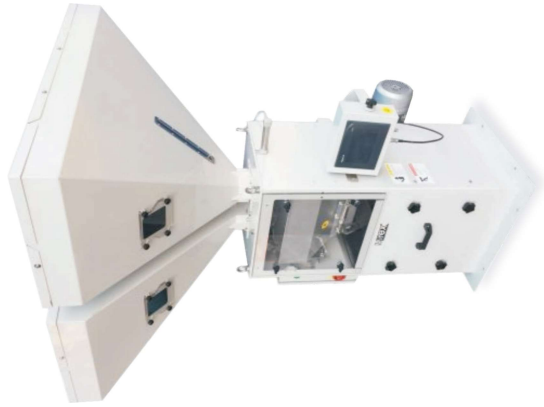
技術規格 Specifications

機型	單色母機 single Color Unit					雙色母機 Double Color Unit				
	MMS-V30/25	MMS-V30/20	MMS-V30/16	MMS-V50/25	MMS-V50/20	MMS-V30/30	MMS-V30/30	MMS-V30/30	MMS-V50/50	MMS-V50/50
馬達功率(W) Motor Power	50	50	50	50	50	50×2	50×2	50×2	50×2	50×2
馬達轉速(rpm) Rotary Speed	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
攪拌功率(W) Mixing Power	90	90	90	90	90	90	90	90	90	90
螺桿型號 Screw Dia	25	20	16	25	20	16	16	*	*	*
輸出量(kg/h) Output Capacity	1.1-38	0.6-20	0.3-10	0.5-17	0.2-8	0.1-4	0.1-4	**	**	**
儲料斗(L) Storage Hopper	10	10	10	10	10	10	10	10×2	10×2	10×2
減速比 Reduction ratio	30	30	30	30	30	30	30	30/30	30/50	50/50
外形尺寸 Dimensions										
H mm	520	520	520	520	520	615	615	615	615	615
W mm	610	610	610	610	610	1045	1045	1045	1045	1045
D mm	335	335	335	335	335	335	335	335	335	335
淨重 kg	15	15	15	15	15	33	33	33	33	33

產品規格若有變更，恕不另行通知。 We reserve right to change specifications without prior notice.

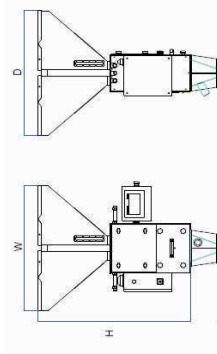
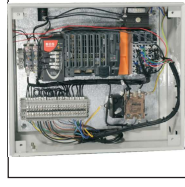
MMS-G 稱重式混料機

Gravimetric Blenders



MMS-G系列稱重式混合機适用于成型制程上需要多种原料按重量比例作精确混合的使用场合。该系列产品采用高精度重量传感器使批次的混合配比差（称设定配比比例大小而定）能控制在 $\pm 0.1\% \sim \pm 0.3\%$ 。（此产品不适合用于粉料及片料称重）

MMS-G series gravimetric blenders can be used for proportionally precise mixing of several types of material. A high precision electronic weighing scale is used to ensure precise weighing of every batch and ensure accuracy to $\pm 0.1\% \sim 0.3\%$. (this series are not suitable for powder and sheet pieces weighing)



MMS-G/1/2/5

型号	G1	G2/5	G10	G25
H(mm)	820	950	1700	2170
W(mm)	720	950	1300	1480
D(mm)	550	770	1300	1650

產品規格若有變更，恕不另行通知。We reserve right to change specifications without prior notice.

机型 Model	组份 数量 Ingredients	测刀(数) 计量测数量 Measuring Slide	最大产量 kg/hr Max. Output	最大批次 理量kg Max. Batch	压缩空气 kgf/cm ² Compressed Air	搅拌机达 功率KW Mixing Motor Power Kw	储料斗 容量 Material Storage Tank	称重斗 容量 Weighing Pan	搅拌仓 容量 Mixing Tank	最大批次 Max Batch Quantity
MMS-G1	4	4	60							60
	3	3	70	1	6	0.09	20	2	8	70
	2	2	150							150
MMS-G2	6	6	120							60
	5	5	140							70
	4	4	180	2	6	0.09	40	8	18	90
MMS-G5	3	3	200							100
	2	2	400							200
	6	6	300							60
MMS-G10	5	5	350							70
	4	4	450	5	6	0.2	48	12	25	90
	3	3	500							100
MMS-G25	2	2	1000							200
	6	6	600							60
	5	5	700							70
MMS-G10	4	4	900							90
	3	3	1000	10	6	0.37	100	32	60	100
	2	2	2000							200
MMS-G25	6	6	1500							60
	5	5	1750	25	6	0.75	150	65	120	70
	3	3	2500							90
MMS-G10	2	2	4500							100
										180

產品規格若有變更，恕不另行通知。We reserve right to change specifications without prior notice.

Note: 1) 混合配比误差是指各组份的设定百分比与实际百分比的差值；Dosing accuracy are refer to each ingredient accuracy.
2) 测刀计量测适合于5%（含）以上的比例，混合配比误差能控制在 $\pm 0.3 \sim 0.5\%$ 以内；Metering slide feed is suitable for 5% and above ratio. (accuracy of $\pm 0.3 \sim 0.5\%$ is reachable).
3) 螺杆或微量计量器适合于5%（不含）至0.5%的比例，混合配比误差能控制在 $\pm 0.2\%$ ；(screw) or micro feed is suitable for ratio between 0.5% and 5% (accuracy of $\pm 0.2\%$ is reachable).
4) 以上最大处理量和混合配比误差数据是以堆积密度0.7kg/L、直径为3-4mm的颗粒均匀原料以连续运转方式测量所得的数据，最大产量依计量组分的多少和比例将有所不同；Max. output of each model and dosing accuracy are based on the data from bulk density 0.7kg/L, dia. 3 ~ 4 mm pellets in a test criteria of continuous running.

5) Power specification 机器电压规格为：
GB-5及以下机型：1 ϕ 230VAC, 50Hz; MGB-5 and Models below: Single Phase, 230V, 50Hz
GB-10及以上机型：3 ϕ 380VAC, 50Hz.
MGB-10 and Models above 3Phase 380V, 50Hz
We reserve the right to change specifications without prior notice.

MTH-臥式混色機 MTH-Horizontal Color Mixer



技術規格 Specifications

型號MODEL	功率Power KW	HP	容量(KG) Capacity	電壓(V) Voltage	外形尺寸(cm) Dimensions	轉速(r/min) Rotating speed	淨重(Kg) Net Weight
MTH-100	2.2	3	100	380 3Ø	110x85x130	63	258
MTH-150	4	5.5	150	380 3Ø	140x85x130	63	358
MTH-200	4	5.5	200	380 3Ø	158x100x140	63	530

產品規格若有變更，恕不另行通知。 We reserve right to change specifications without prior notice.

MTE-滾桶式混色機 MTE-Rotary Color Mixer



技術規格 Specifications

型號MODEL	功率Power KW	HP	容量(KG) Capacity	電壓(V) Voltage	外形尺寸(cm) Dimensions	轉速(r/min) Rotating speed	淨重(Kg) Net Weight
MTE-50	0.75	1	100	380 3Ø	90X89X140	46	120
MTE-100	1.5	2	100	380 3Ø	102X110X150	46	147

產品規格若有變更，恕不另行通知。 We reserve right to change specifications without prior notice.

MTV 立式混色機 MTV Vertical Color Mixer



技術規格 Specifications

型號MODEL	功率Power KW	HP	容量(KG) Capacity	電壓(V) Voltage	外形尺寸(cm) Dimensions	轉速(r/min) Rotating speed	淨重(Kg) Net Weight
MTV-50	1.5	2	50	380 3Ø	83 x 83 x 112	85	125
MTV-100	3	4	100	380 3Ø	100 x 100 x 128	85	180
MTV-150	4	5.5	150	380 3Ø	113 x 113 x 140	85	270
MTV-200	7.5	10	200	380 3Ø	120 x 120 x 139	85	313

產品規格若有變更，恕不另行通知。 We reserve right to change specifications without prior notice.

MTVS 立式攪拌機 MTVS Vertical Stirrer



技術規格 Specifications

型號MODEL	功率Power KW	HP	容量(KG) Capacity	電壓(V) Voltage	外形尺寸(cm) Dimensions	轉速(r/min) Rotating speed	淨重(Kg) Net Weight
MTVS - 500	3	4	500	380 3Ø	145X110X220	300	450
MTVS - 1000	4	5.5	1000	380 3Ø	158X138X310	300	630
MTVS - 2000	5.5	7.5	2000	380 3Ø	189X168X47	300	1050
MTVS - 3000	7.5	10	3000	380 3Ø	235X213X356	300	1250

產品規格若有變更，恕不另行通知。 We reserve right to change specifications without prior notice.

粉碎回收 Granulating & Recycling

MS 慢速啃齿式粉碎机 Screenless Granulator



特點

接料门采用双层减震材质，降低噪音、改善工作环境。一次性激光切割支架坚固耐磨，采用日本SKD-11材质刀具。慢速啃齿式旋转刀，使粉碎料颗粒均匀。大幅度降低并控制粉末。分体式结构，拆装方便，便于清洗颜色更换。上下仓及检修口处设限位开关，开启后设备立即处于断电状态，保护操作人员安全。该机型是一种破碎功能强大的多功能用途机器，运用于料台，边角料，废次注塑件回收等。与注塑机配套使用可提高工作效率。
注：设备可选配自动吸料及除尘接料装置

Overview

Pick-up door with double-layer damping material, reduce noise, improve the working environment. One-time laser cutting bracket sturdy wear, the use of Japan SKD-11 material tool. Low speed Ken gear rotary knife, so that crushed material particles evenly. Significantly reduce and control the powder. Split structure, easy disassembly, easy to clean color replacement. Up and down the warehouse and the maintenance of the mouth at the limit switch, open the device immediately after the power state to protect the safety of operators. The model is a powerful multi-purpose machine, used in the material, scrap, waste injection parts recovery. And supporting the use of injection molding machine can improve work efficiency.
Note: The equipment is optional automatic vacuum and dust removal device.



多層開啟方式，方便清掃
Multilayer open means, convenient cleaning



優質鋼材，堅固耐用破碎更徹底
High quality steel, durable and broken more thoroughly.



限位開關，保護操作人員的安全
Limit switch, Protect the safety of operating personnel



優質動力系統，低速靜音
High quality power system, mute at low speed



控制器配件採用優質電器元件，性能可靠
Controller parts with high quality electrical components, reliable performance



雙層阻尼料斗靜音粉碎
Sound proff steel used for feeding hopper reduces noise pollution

技術規格 Specifications

型號 Model	MS-1HP	MS-2HP	MS-3HP
功率/Power	1.1KW	1.5KW	2.2KW
固定刀/Fixed knife	6把	6把	8把
回轉刀/Rotary knife	2把	2把	3把
旋轉刀/Rotary knife	3把	3把	4把
旋轉速度/Rotating speed	23轉/分	23轉/分	23轉/分
粉碎顆粒/Crushed particles	5mm-6mm	5mm-6mm	5mm-6mm
粉碎量/Crushing capacity	15-20(kg/h)	20-25(kg/h)	20-30(kg/h)
投入尺寸(長寬)/Input size(length width)	315x248mm	315x315mm	410x315mm
機身尺寸(長深高)/Body size(length width height)	900x450x1200mm	1100x500x1480mm	1200x500x1560mm
機器重量/Machine weight	205kg	275kg	315kg

產品規格若有變更，恕不另行通知。 We reserve right to change specifications without prior notice.

粉碎回收 Granulating & Recycling

MG 低速粉碎機 Low Speed Granulator



特點

鋼結構箱体，鑄鋼刀架，SKD-11材質刀具，增強切削能力，提高破碎效率。活動篩網，拆裝方便，便于清洗換色，更換。入料門設隔音夾層，降低噪音，改善環境。上下箱体及檢修口處設限位開關，开启后设备处于断电状态，保护操作人员安全。该机型是一种破碎功能强大的多用途机器，运用于：料头，边角料，废次注塑件，板材，PET瓶片回收。与注塑机配套使用可提高工作效率。

注：设备可选配自动吸料及除尘排料装置。

Overview

Steel structure box, cast steel knife, SKD-11 material tool. Tool ladder arrangement, enhance the cutting capacity, improve crushing efficiency. Activities, screen, easy disassembly, easy to clean color, replacement. The entrance door is made of noise insulation, reducing noise and improving the environment. Up and down the box and the maintenance port at the limit switch, open the device in a power state, to protect the safety of operators. The model is a powerful multi-purpose machine, used in: material head, scrap, waste injection molding, sheet, PET bottle recycling. And supporting the use of injection molding machine can improve work efficiency.

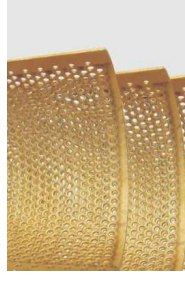
Note: The equipment is optional automatic vacuum and dust removal device.



MG系列的轉子倉破碎腔經過重新設計，提高了破碎產量提升了破碎效果。
MG series of rotor box of crushing cavity are redesigned, improve the yield raised the broken broken effect.



採用內外鑲嵌式組合結構，確保了倉體的密封性能。
The internal and external composite structure, to ensure the sealing performance of the warehouse.



各種規格孔徑的篩網可以滿足各種產品需求。
All kinds of aperture sieve can meet the demand of various products.



MG機型容易拆卸，方便清潔
MG models easy disassembly, convenient and clean

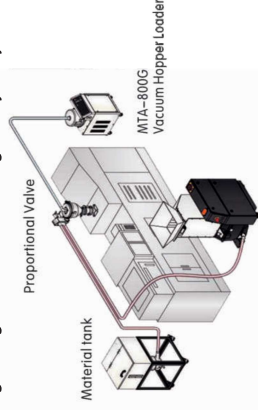


轉子刀具的特殊造型確保其在衝磨后仍然保持固定的切削曲線
Special molding tool to ensure they remain fixed cutting curve after the punching and grinding

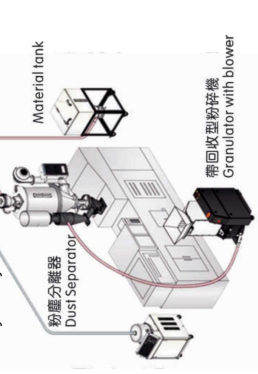


雙層減震材質，降低噪音，改善環境
Double layer damping material, reduce noise, improve the environment

新次料混合回收系統 Virgin, Regrind material Mixing & recycle system



立即回收系統 Instant recycle system



技術規格 Specifications

型號 Model	MG-3HP	MG-5HP
電源Power Specification	AC380V 3PH 50HZ	
馬達Motor Power	2.2KW	3.7KW
轉子直徑The Rotor Diameter	185	185
轉子寬度The Width of Rotary Blade	335mm	395mm
轉速Rotating Speed	150RPM	
動力數量The Rotary Blade Quantity	24 PC	30PC
定刀數量Fixed Blade Number(row)	8	10
篩網孔徑/Mesh Dia.	5mm	5mm
外型尺寸Dimensions	800*435*1230mm	800*435*1240mm
淨重Weight	275kg	315kg

產品規格若有變更，恕不另行通知。 We reserve right to change specifications without prior notice.

粉碎回收 Granulating & Recycling

MC 靜音型強力粉碎機 Sound-Proof Powerful Granulator



特點

- 內置隔音罩：保證了使用時噪音的降低，獨特的刀具設計使刀具更簡便。
- 簡易的刀具安裝：刀具的調整使用一個調整架，整個換刀過程都在破碎機外完成，定刀和轉刀均使用高漲強度的鋼材，可重磨多次。
- 獨特的切割方式：轉子的刀具運用最新的“V”形切割技術，與傳統的刀具相比，“V”形的設計可將物料推向轉子的同時進行持續切割，“V”形結構能減少刀具及破碎腔的磨損。
- 可移動的緊湊型設計：內置的隔音罩設計使整個機型十分緊湊，可以移動，整個機器可以用罐車或其他標準的起重設備抬起或移動。
- 高效的餵料方式：由於獨特的轉子設計，即使是持續的餵料，破碎腔也不會被堵塞。

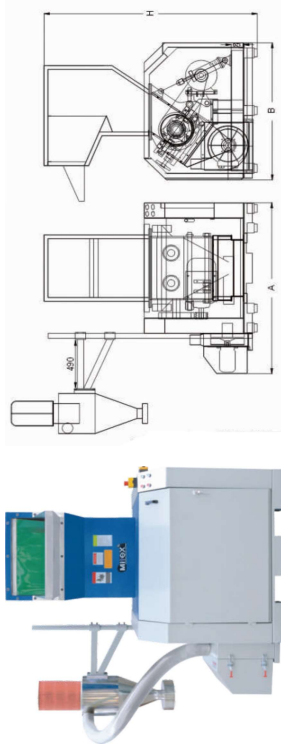
Features

- Built-in enclosures: to ensure that the use noise reduction, and a unique tool designed to make it easier tool change.
- Simple tool to install: the adjustments using a tool to adjust the frame, the entire tool change process in the crusher, fixed knife and rotary cutter with high tensile strength steel, regrinding many times.
- The unique cutting mode: the tool of the rotor using the latest “V” shaped cutting technique, compared with the conventional tool, “V” -shaped design materials toward the center of the rotor while continuing cutting, “V” -shaped structure be able to reduce the wear of the tool and crushing chamber.
- The removable Compact design: built-in enclosures designed so that the entire model is very compact, you can move the entire machine can lift or move the forklift or other lifting equipment standards.
- Efficient feeding mode: Due to the unique rotor design, even if it is a continuous feeding, crushing chamber will not be clogged.

機器打開後視圖
Machine open the rear view

刀具 Tool

刀具 Tool



技術規格 Specifications

型號 Model	MC300/300	MC300/600	MC300/800	MC400/600	MC400/800	MC500/800
驅動功率 Drive Power	7.5	11	22	22	30	37
轉子直徑 Rotor Diameter(mm)	300	300	300	400	400	500
轉子寬度 rotor width	300	585	785	600	800	800
動力數目 Number knife	3x1	3x2	3x2	3x2	3x2	5x2
定刀數量 Number knife	2x1	2x1	2x2	3x2	3x2	3x2
喂料口尺寸 Feed port size	270x375	425x560	425x760	530x570	550x770	650x770
破碎腔口徑 Crushing cavity diameter	370x300	370x585	370x785	490x600	490x800	600x800
機身重量 Weight	1000	1500	2100	2300	3500	4500
篩網孔徑 Screen aperture	10	10	10	10	10	10
底機安裝方式 Fan Installation	隨機身安裝 Random body installation			外置獨立安裝 External stand-alone installation		
外形尺寸 Dimensions	1400x1420x2050	1400x1700x2100	1550x1900x2250	1700x1650x2400	1650x1800x2550	1850x1900x2950

產品規格若有變更，恕不另行通知。We reserve right to change specifications without prior notice.

MD 強力集中型粉碎機不僅可以粉碎注塑中產生的廢品，也可以破碎管材、型材、片材、料件、容器、電鍍機外殼、汽車保險杠等等。具備了經濟、耐用、容易清潔、使用壽命長等特點。

MD series powerful centralized crusher can not only crush the waste generated by injection, but also can crush broken pipes, profiles, sheets, container, TV shell, car bumpers and plastic material parts. With advantage of economic, durable, easy to clean and long service life.



人性化設計的機身

機身採用固定的焊接鋼結構，堅固耐用。機身以中線分為上下兩部分，上部結構通過液壓裝置置開或與關閉，安全可靠。



3片式轉子

這種開放式轉子的每行轉子葉片之間都是很大的空隙，從而使得材料可以進入轉刀。由於機殼進口空間很大，加上開放式轉子，材料可以被迅速的抓住並切碎。這種轉子、機殼結合的設計使得適用於破碎空心罐，如瓶子、滾筒等大體積材料。



Humane body design

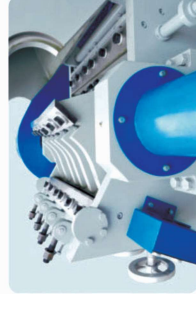
The body is made of sturdy welded steel construction, durable. Body midline is divided into two parts; the upper part can be opened and closed by hydraulic device, safe and reliable.

3-Piece Rotor

This open each row of the rotor has a significant gap between the rotor blades, so that the material can enter the rotor blade. Chassis imports space, coupled with the open rotor, the material can be quickly caught and chopped. The rotor/Chassis combination of design make it suitable for crushing the hollow body, such as bottles, roller or other bulky materials.

不同的用途，需要不同設計的轉刀，MD強力破碎機系列中的轉子有平刀式轉子，這是一種交叉切割技術，切割時，物料是經過整個刀片的工作寬度來進行切割，使無料更集中的破碎。這種轉子的設計有著切割效率高，產量高等特點，另一種則是採用新型，可靠的V型切割技術，無料在切割時只發生在經過刀片的那一個點，其V形轉刀的設計在切割時會使材料朝轉刀中央運動，從而避免了材料摩擦生熱及側壁的磨損等問題。

Different uses require different design rotary cutter, MD crusher series of flat rotor knife rotor, which is a cross-cutting technology, the cutting, the material through the entire working width of the blade cutting, crushing to make the material more concentrated. This rotor design has a fast cutting efficiency, high yield, and the other is the use of new, reliable V shaped cutting technology, the material in the cutting tool that point, the V shaped blade design cutting the material will move toward the center of the blade, thus avoiding friction and heat and sidewall wear.



軸承裝置 Bearing means

固定的軸承裝置安裝在機器外部，並獨立於破碎腔以防止粉塵和灰塵進入軸承，補單減少了機器壽命，更減少了維修工作。

Storing bearing device installed on the outside of the machine, and independent crushing chamber to prevent dust and dirt from entering the bearing, not only extend the life of the machine, but also to reduce the maintenance work.



刀具 Blade

採用高合金的D2或DC53材質，具有強度高，韌性好，不易斷裂等特點，在工作中保證有良好的刃刃，提高破碎顆粒的品質和產量，且拆裝，維修，保養十分方便。

High-alloy D2 or DC53 material, have high strength, good toughness, not easy to break and so on. at work to ensure a good blade, improve the quality and yield of the broken particles, and disassembly, repair, and maintenance is very convenient.



簡便的刀具安裝技術 Simple tool installation

所有的刀具，包括動刀和靜刀，都可以在機外的夾具內調整，不必再經過艱難的機內調整刀具的過程。刀具由優質合金工具鋼製成，可重磨多次。

All knives, including knife and static knife can be adjusted in the machine fixture, no longer need to be adjusted after a tough machine tool process. The tool is made from high quality alloy tool steel, can be reground several times.



技術規格 Specifications

型號 Model	驅動功率 Drive power	轉子直徑 Rotor diameter	轉子寬度 Rotor width	動刀數量 Number Knife	定刀數量 Number Knife	喂料口尺寸 Feed port size	破碎腔口徑 Crushing diameter	機身重量 Weight	外形尺寸 Dimensions	篩網孔徑 Mesh aperture
MD300/300	7.5	300	300	3x1	2x1	375x270	370x300	850	1350x700x1800	10
MD300/600	15	300	585	3x2	2x1	400x570	370x585	1100	1350x1000x1850	10
MD300/800	22	300	785	3x2	2x2	400x770	370x785	1500	1350x1300x1850	10
MD400/600	22	400	600	3x2	3x2	540x5685	490x600	2500	1700x1350x2250	10
MD400/800	30	400	800	3x2	3x2	550x780	490x800	2800	2100x1550x2500	10
MD400/1000	37	400	1000	3x2	3x2	550x980	490x1000	3200	2100x1800x2500	10
MD500/800	37	500	800	5x2	3x2	650x780	600x800	3300	2300x1800x2900	10
MD500/1000	45	500	1000	5x2	3x2	650x980	600x1000	4200	2300x2000x2900	10
MD600/800	45	600	800	5x2	3x2	790x780	740x800	4000	2600x1800x3300	12
MD600/1100	75	600	1100	5x2	3x2	790x1080	740x1100	5100	2600x2200x3300	12
MD800/1200	90-160	800	1200	5x2/7x2	3x2	1140x1170	950x1200	8500	3100x2450x4100	12

產品規格若有變更，恕不另行通知。 We reserve right to change specifications without prior notice.

取出机械手 Take Out Robot

MSR SWING TYPE ROBOTS



特点

MSR系列适用于15—400吨各式卧式注塑机的成品（产品）或水口（料头）取出；手臂式有单臂/双臂，单截/双截；上下行程从550mm到950mm。

控制器

- *掌上型对话操作器，可自由切换中英文/英文界面，操作简单易懂
- *内建组别标准程式，50组模具记忆，可储存1-2组标准程式，能完全满足生产使用需求
- *自动运作情况下可以方便修改各项延时时间与计数等参数
- *LED显示重要信号，如安全门、开模完、允许关模、顶针、成品测试
- *借用输出点可连接其他自动化设备，如输送带、剪切水口、喷脱模剂等

Features

The MSR series is applicable in 15 - 400 tons of various types of horizontal injection molding machine, to take out products or runner. arm type with single / double arms, single section or double section; the vertical stroke from 550mm to 950mm.

Controller

- * palm dialogue operation device type, can freely switch Chinese / English interface, easy operation
- * built in 8 groups of standard program, 50 groups of molding memorizing, function can store 12 groups where compliance program , can completely meet all the demand for production use
- * automatic operation can easily modify the delay time and count parameters
- * LED display important signal, such as security doors, molding finished, allow off mode, a thimble, a Product test
- * output point can be connected to other automation equipment, such as conveyor, shear, spray nozzle Release agent



一般规格 General Specification

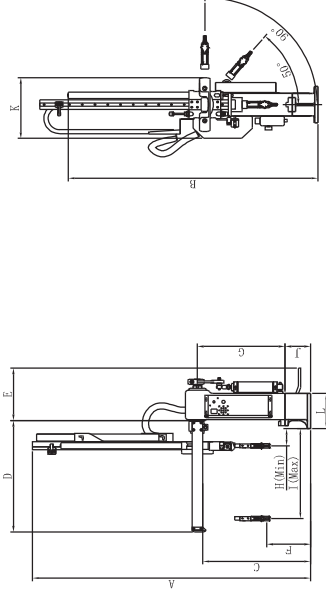
电源 Power Source	工作气压 Working Pressure	最大容许气压 Max.Allowed Pressure	驱动方式 Driver System	侧姿 Swivel	控制系统 Control System
1 Ø AC220V ± 10V 50/60 HZ	0.2	5Kg/cm ² 0.49Mpa	8Kg/cm ² 0.8Mpa	气动 Pneumatic Cylinder	QA28

主要规格 Main Specification

机型 Model	垂直行程 Vertical Stroke	行程范围 Creeping Stroke	空压行程 Sucking Stroke	空压行程 Sucking Stroke	取出速度 Dry Take Out Time	最大重量 Max.Weight	空压行程 Dry Take Out Time	空压行程 Dry Take Out Time	空压行程 Dry Take Out Time	净重 Net Weight
MSR550W/V	50-100	550	120	60-90	0.8	2	4.2/4	11.5/10.5	35/47	
MSR650W/V	50-150	650		60-90	0.9		4.4/4.2	13/12	36/48	
MSR750W/V	150-200	750		60-90	1		4.8	13	49	
MSR850W/V	200-280	850	200	60-90	1.2	2	5.2	14.5	52	
MSR950W/V	200-280	950		60-90	1.4		6	15.5	53	
MSR650D/W/D	50-150	650	正200副120	60-90	1.2	2	4.4/4.2	13	52	

机型表示：W: 卧式；D: 立式；V: 成品臂+料顶臂；空功能，含真空发生器及标准吸盘治具（此机型空气消耗量增加10N/cycle）
Donote I: Telescopic type W: Product arm+runner arm D: Product arm+runner arm V: vacuum generator and standard sucker type end arm tooling
(this type airconsumption should be increased 10 nh/cycle)

尺寸图表 Outer Dimensions



Model	A	B	C	D	E	F	G	H	I	J	K	L
MSR 550	1210	1080				205			420			
MSR 650	1310	1180										
MSR 550W	980	840										
MSR 650W	1040	890	508	560	255	413	100		120	300	175	
MSR 750W	1100	940				185			430			
MSR 850W	1160	990										
MSR 950W	1220	1040										

因机型不断的改良，外觀及规格资料變更時，不另行通知。 All statements here subject to change without advance notice

取出機械手 Take Out Robot

MTR 橫走式機械手 Traverse Type Robot



特点 50~4000

MTR系列適用於50—250噸各式卧式注塑機成品（產品）或水口（料頭）取出；手臂型式有單臂雙臂，單臂雙臂；上下行程從550mm到850mm；驅動方式：橫行軸可選用雙馬達伺服馬達，上下行採輪可選用氣缸、雙馬達、伺服馬達；上下行採位置、行程可選配電動調整。

控制器

- 掌上型對話式操作器，可由切換中英文介面，操作簡單易學
- 內建8種標準程式，20組模具型備U/L型取出功能，自由組合不同程式
- 自動偵測故障情況顯示于操作器螢幕并自動記錄
- LED顯示重要信號，如安全門、開模完、允許開模、頂針、成品檢測
- 備用輸出點可連接其他自動化設備，如輸送帶、剪切水口、噴脫模劑等
- 可選購中板檢測、取水口裝置、置物安全檢測等，最大限度實現整廠自動化控制

Features 50~4000

MTR series is applicable to all types of horizontal injection machine of 50-250T for take-out products and sprues. There are two types of arms, single stage-and telescopic type. Vertical Stroke: 550-850mm. Traverse axle can be driven by rodless cylinder or inverter motor. AC servo motor is optional. Vertical and horizontal cylinder traverse axle are available. LED display and safety signal are applied with advanced high rigidity linear slide rail and light high rigidity alloy aluminum extrusion beam for Crosswise and Vertical axes.

Controller

- Palm controller with dialogue type operation interface, easy to operate, and the display language is changeable
- Built-in eight groups of standard programs and twenty groups of molding memorizing function. With U/L take out function can be interated with placing methods, swivel ejector setting and defect alarming, etc.
- Automatically detecting, displaying and recording the failures.
- LED display important signal, such as Safety Door, MOP, Open/close Mould
- A large LED display provides simple programming and setting of all parameters.
- Middle-Plate inspection, Spray 7Device, Air Nipper and Safety Placing detecting are available to operate with automatic application of the factory.



一般規格 General Specification

電源 Power Source	工作氣壓 Working Pressure	最大容許氣壓 Max. Allowed Pressure	驅動方式 Driver System	側姿 Swivel	控制系统 Control System
1ø3ø AC220V ±10V50/60 HZ	0.5Kgf/cm ² 0.49Mpa	8Kgf/cm ² 0.8Mpa	Y 依機型 X, Z Pneumatic Cylinder	90° Fixed Pneumatic	MA80 Controller MA44 Controller

主要規格 Main Specification

機型/Model	最高速度 (m/s) Power Speed	標準速度 (m/s) Recommended P.H.M.	橫行速度 (mm) Traverse Drive	垂直速度 (mm) Traverse Stroke	上下行程 (mm) Vertical Stroke	基本重量 (kg) MAX Loading	取出時間 (s) Dry Take out Time	全行程時間 (s) Dry Cycle Time	空氣消耗量 (Nl/Cycle) Air Consumption	外型 (kg) Net Weight
MTR600 ID/IS/WD/WS	50-150	1250(1450)	1250(1450)	P:150 R:100	650	5	2	10.5	21	180-230
MTR700 ID/IS/WD/WS					750					
MTR800 ID/IS/WD/WS	120-250	1450(1550)	1450(1550)	P:300 R:100	850	10	2.2	11	25	210-250
MTR900 ID/IS/WD/WS					950					
MTR1000 WD/WS	1	350-450	1800(2000)	P:400 R:100	1050	8	3	14	37	335-370
MTR1100 WD/WS					1150					
MTR1200 WD/WS	350-550	350-600	2000(2200)	P:400 R:200	1200	12	2.3	11.5	25	210-250
MTR1300 WD/WS					1300					
MTR1500 WD/WS	650-1000	2400(2700)	AC伺服 驅動	P:550 R:200	1500	8	2.4	12	29	220-260
MTR1700 WD/WS					1700					
MTR1900 WD/WS	1.5	850-1300	2700(3000)	P:700 R:200	1900	20	5.2(4)	25	90	1350-1600
MTR2200 WS					2200					
MTR2500 WS	2.2	1600-2500	3000(3200)	P:800 R:200	2500	20(35)	6(4.5)	30	95	1500-1820
MTR3000 WS					3000					

因機型不斷的改良，外觀及規格資料變更時，不另行通知。 All statements here subject to change without advance notice

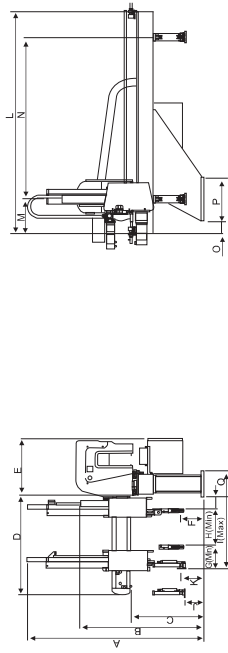
選購規格：P:成品臂 R:料頭臂 機型標示：W:雙軌式/S:成品臂+料頭臂
選購功能：A:引拔位置，行程電動調整 6:上下行程電動調整 Y:橫行軸AC伺服馬達驅 已備行軸雙馬達伺服數值控制，可圓弧放版，最多99點
Z:正置上下軸AC伺服馬達驅動，雙程功能E/Y/Z選擇一組
機型說明：MTR1200WS雙臂、雙程馬達馬達驅動MTR1300WDA雙臂、雙程式、橫行雙馬達馬達驅動、引拔電動調整
MTR1500WDA雙臂、雙程式、橫行雙馬達馬達驅動、引拔上下電動調整、成品臂上下AC伺服馬達驅動
MTR2500WSA雙臂、雙程式、橫行雙馬達馬達驅動、引拔上下電動調整、成品臂上下AC伺服馬達驅動

Purchase specification: P:finished/R:runner arm Model: W/double section type/S:D:Finished products Arm-runner Arm
Optional function: A:guiding position stroke electric adjustment G: up and down stroke electric adjustment of Y:transverse axis of AC servo motor drive E:transverse axis numerical control frequency servo loop can product placement up to 99. Z: is under the arm shaft AC servo motor drive (optional function E/Y/Z to select a)
Model Description:MTR1200WS step single arm arms, side frequency conversion motor drive
MTR1300WDA arms, double section type transverse frequency conversion motor drive, guiding electric adstmen
MTR1500WDAZ arms, double section type transverse frequency conversion motor drive, upper and lower electric adjustment, guiding under AC motor drive finished arm
MTR2500WSA single arm, double section type, side frequency conversion motor drive, upper and lower electric adjustment, gn under AC servo motor drive finished arm

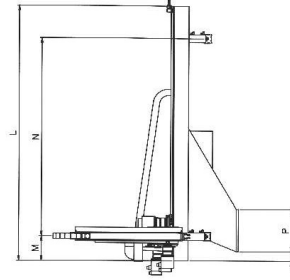
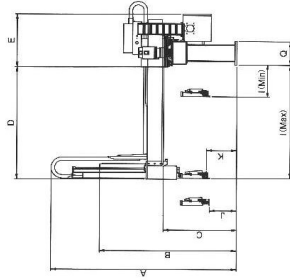
取出机械手 Take Out Robot

MDR 全伺服机械手 SERVO DRIVEN ROBOT

尺寸图表 Outer Dimensions



Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
MTR600(W)	1800	1285		790		175	225	100	690	140	170	1805	1250	100	350	200	
MTR700(W)	1800	1385	556	970					850		2080	290	1450	1550			
MTR800(W)	1800	1485		1185	500	200	225	130	1085	149	175	2280	335	1800	75	450	250
MTR1000(W)	1535	1300	620	1185	500	200	225	130	1085	149	175	2280	335	1800	75	450	250
MTR1100W	1595	1350															



Model	A	B	C	D	E	I (Min)	I (Max)	J	K	L	M	N	O	P	Q
MTR1300WS3	1850	-	760	1200	560	300	1200	160	190	2800	275	2000	100	450	250
MTR1500WS3	2200	1720	810	1375	600	400	1500	210	220	3000	300	2400	40	600	360
MTR1700WS3	2320	1840		1575											
MTR1900WS3	2530	2080	980	1760	820	500	1800	110	135	3700	500	2700	50	929	550
MTR2200WS3	2650	2230	2060												
MTR2500WS3	3010	2425	1060	2760	840	550	2050	210	240	4200	500	3200	100	1200	650
MTR3000WS3	3250	2675					2150			5000		4000			



特點

MDR系列適用於50—500噸各式膠式注塑機之成品（產品）或水口（料頭）取出；手臂型式有單臂/雙臂、直臂/彎臂；上下行程從600mm到1100mm；驅動方式：橫行/上下/引拔軸可選用3軸或5軸伺服馬達驅動，3軸伺服機械手可增加氣動卸管，用於水口（料頭）的取出。

控制器

●橫行/上下引拔均採用高回應AC伺服馬達驅動，取出速度快（響應0.5s），重複精度高（理論上可達0.15mm）
●工業級的控制系统，運算速度快，性能更可靠。
●預留16個I/O輸入輸出點，標準配備3組及拖回線、2組取回回線
●具備精準功能及可編輯的用戶程序，方便易用。
●配備美得公司獨有、專業的原料/取放/工裝、後工序自動化處理系統，能滿足客戶棧內標配、棧內零件、新水口、射流錘、脫保護膜、裝箱、排箱、堆疊、檢測等，可實現客戶工廠最大限度的自動化

Features

MDR series is applicable to all types of horizontal injection machine from 50 to 500 tons. There are two types of arms, single and telescopic type. Vertical Stroke: 600 ~1100mm. Driven mode including vertical and parallel, vertically on a linear slide -rail and slides horizontally. Three axis servo manipulator can increase the aerodynamic side arm, used for nozzle (head) out.

Controller

● Full AC servo motor driven on each axis, take-out at super high-speed (0.48sec), and end-of-arm tooling to degrees of accuracy within 0.5mm
● High rigidity, 3D structure design, stable construction, low vibration, longwearing and long-life
● Reserved 16 I/O input and output points, provide three clamping/hold circuit and two groups of absorbing/drinking circuit.
● Program can be taught and edited by clients. It is easy to use.
● Mitex have its own professional components, such as feeding/take work, after automation loading processing device which is can meet customer's needs, such as: label, mold inner insert, shear outlet, affixed protective film, assembly, the row of boxes, stacked, detection and so on. It is available to operated with automatic application of the factory.



一般規格 General Specification

電源 Power Source	工作氣壓 Working Pressure	最大容許氣壓 Max. Allowed Pressure	驅動方式 Driver System	側蓋 Swivel	控制系統 Control System
1 AC220V ± 10V 50/60 HZ	5Kg/cm ² 0.49MPa	8Kg/cm ² 0.8Mpa	S5-AC Servo Motor S3-副臂氣動	90° Fixed Pneumatic	工業級電腦控制

主要規格 Main Specification

機型/Model	最大容率 Power Capacity	建議組裝力 Recommended Torque	橫行程 (mm) Traverse Drive	動向行程 (mm) Reverse Stroke	行程行程 (mm) Cross Stroke	最大行程 (mm) MAX. Stroke	最大重量 (kg) MAX. Loading	取出時間 (sec) Dry Take Out Time	空程循環時間 (sec) Dry Cycle Time	空程耗氣量 Air Consumption	淨重 (kg) Net Weight
MDR600 DIS/MDWS-S3S5	1.5/2	50-150	1250(1450)		CS-P 500R-100 SS-P 500R-300	600	5	0.5	4.8	3	180-230
MDR700 DIS/MDWS-S3S5	1.5/2	80-200			CS-P 500R-100 SS-P 500R-300	700	5	0.6	4.8	3	185-235
MDR800 DIS/MDWS-S3S5	2.5/3.8	120-250	1450(1550)		CS-P 700R-100 SS-P 700R-400	800	5	0.65	5	3	210-250
MDR900 DIS/MDWS-S3S5	2.5/3.8	200-350	1550(1750)		CS-P 700R-100 SS-P 700R-400	900	5	0.7	5.5	5	220-260
MDR1000 DIS/MDWS-S3S5	3/5	350-450			CS-P 800R-100 SS-P 800R-500	1000	10	0.7	5.8	5	335-370
MDR1100 DIS/MDWS-S3S5	3/5	350-500	1800(2000)		CS-P 800R-100 SS-P 800R-500	1100	10	0.8	6	5	355-380
MDR1300 WS-S3	4	400-600	2000	3軸AC伺服 電機驅動 Three Axis TAC servo Motor drive	300-1200	1300	12	1.5	12	80	580
MDR1500 WS-S3	5	650-1000	2400		400-1500	1500	20	1.8	14	85	700
MDR1700 WS-S3	6	850-1300			1700	1700		2.0	15	90	750
MDR1900 WS-S3	10.5	1000-1600			500-1800	1900	30	2.5	18	95	1500
MDR2200 WS-S3	11	1600-2500	2700		2200	30(50)	30(50)	2.8	19	110	1600
MDR2500 WS-S3		2000-3000	3200		550-2050	2500	50(100)	3.5	23	124	2500
MDR3000 WS-S3		2500-4000	4000		550-2150	3000		4.5	25	130	2800

選購規格: P-成品臂/料庫臂

機型表示: W-雙載式/S-成品質/D-成品質/內插臂 SS: 三軸AC伺服驅動 (正臂上下、引拔、橫行) 副臂上下、引拔無氣驅動 S5-五軸AC伺服驅動 (正臂上下、引拔無氣驅動 MDR8000D-S33軸向履帶、雙臂、單載式、副臂氣缸驅動 MDR9000WD-S55軸向履帶、雙臂、雙載式 MDR1100WS-S33軸向履帶、雙臂、雙載式 MDR1300WS-S33軸向履帶、雙臂、雙載式 MDR1500WS-S33軸向履帶、雙臂、雙載式 MDR1700WS-S33軸向履帶、雙臂、雙載式 MDR1900WS-S33軸向履帶、雙臂、雙載式 MDR2200WS-S33軸向履帶、雙臂、雙載式 MDR2500WS-S33軸向履帶、雙臂、雙載式 MDR3000WS-S33軸向履帶、雙臂、雙載式

規格說明: MDR800D-S33軸向履帶、雙臂、單載式、副臂氣缸驅動 MDR9000WD-S55軸向履帶、雙臂、雙載式 MDR1100WS-S33軸向履帶、雙臂、雙載式

Specifications: P-Product/Runner Arm

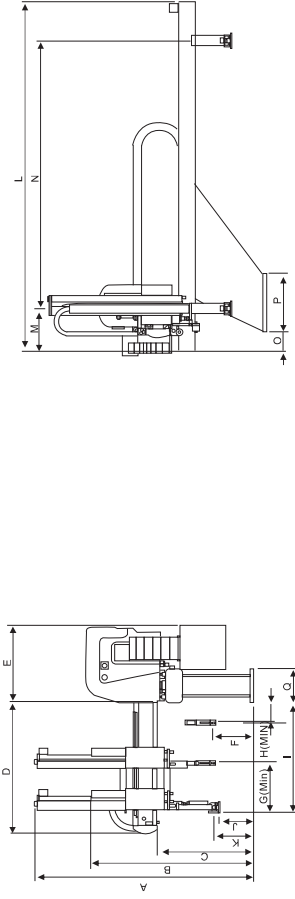
Model Sais: W-Elescopic Type/S-Product Arm runner Arm, S3-Three Axis Ac Servo Drive (s Arm Up And Down, Dial Rows) Deputy Arm And Dial The Cylinder

Driving Up And Down, S5-Five Axis Ac Servo Drive(positive Arm, Dial The Vice Arm Up And Down Dial Row)

Model Description:MDR800D-S33 Shaft Servo Drive, Arms, Single Section Type, Vice Arm Cylinder Driving,MDR9000wd-S55 Shaft Servo Drive,Arms,Double Type

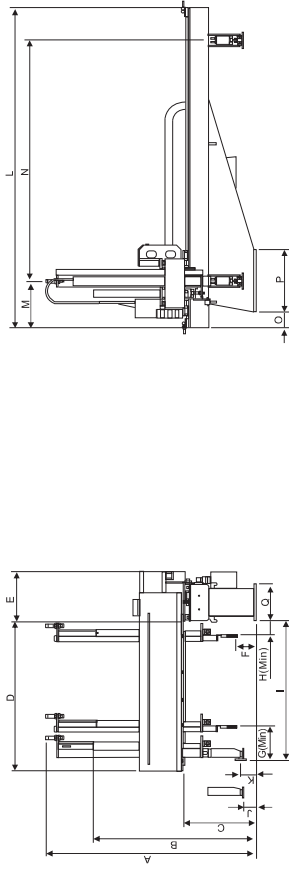
MDR1100ws-S33 Shaft Servo Drive,Arms,Double Type

尺寸圖表 Outer Dimensions



Model	A	B	C	D	E	F	G(Min)	H(Min)	J	K	L	M	N	O	P	Q
MDR600(W)	1360 (1180)	1080 (920)		420		120 (165)	255 (220)	60 (100)	185 (180)	215 (210)	1620		1000			
MDR700(W)	1380 (1180)	1180 (920)		420		140 (165)	255 (220)	60 (100)	185 (180)	215 (210)	1620	275	1300	120		
MDR800(W)	1500 (1300)	1280 (1020)		522		140 (165)	255 (195)	60 (130)	185 (135)	215 (165)	1955	300	1500	150		200
MDR900(W)	1720 (1565)	1380 (1085)		1075		175	195	130	135	165	2375		1700			
MDR1000(W)	1485	1135														

上下調整電位器 (G) A值增加100mm (W) 雙載式
Up and down the choose and buy electric adjustment(G)A value of 100mm(W) double cut size



Model	A	B	C	D	E	F	G(Min)	H(Min)	I	J	K	L	M	N	O	P	Q
MDR200W	1600	1200	600	1290	470	250	200	100	1250	160	190	190	2600	2000	70	450	250
MDR300W	1650	1250	600	1500	530	230	280	1350	180	186	186	3000	340	2400	40	600	320
MDR500W	1890	1500	700	1500	530	230	280	1560	130	130	160	3700	520	2700	170	700	410
MDR700W	2200	1680	790	1680	545	225	360	1750	110	110	110	4100	3000	40	920	650	
MDR900W	2300	1780	960	2400	960		/	2100	185	185	215	5100	500	4000	-180	1600	
MDR2200W	2800	2200	950	2500	1060		/	2100	185	185	215	5100	500	4000	-180	1600	

注: 1.選擇有上下電位器, A值增加100mm 2.C1500型上附帶氣壓臺 3.C1700型以上附帶修平

Note:1.The choose and buy electric adjustable up and down with increases 100mm 2.C1500type on the attached gas reservoir. 3.Type C1700above attached repair flat.

取出机械手 Take Out Robot

MVR 立式注塑机械手 Vertical molding machine

控制器 Controller

- 掌上型对话框式操作，可自由切换中英文介面，操作简便易学。
- 内置组态程序，50组模具记忆也，可储存12组套数程式能安全避免误用需求。
- 自动操作情况下可以方便修改各座运时时间参数等参数。
- LED显示重要信息，如安全门、门锁完、允许开锁、顶针、成品堵塞。
- Palm controller with dialogue type operation interface, easy to operate is changeable
- Built-in eight groups of standard programs and twelve groups of molding memorizing function.
- All the time and Counter can be changed under AUTO MODE
- LED display important signal, such as Safety Door

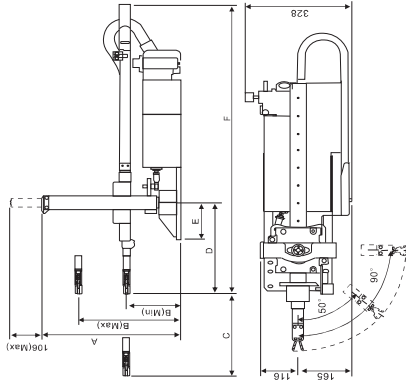


MVR系列为立式注塑机专用机械手，手臂均为单臂，结构有重载/轻载可选。
MVR is especially for vertical plastic injection molding machinery, arm in single mode with single stage and telescopic type.

主要规格 Main Specification

机型/Model	MVR350RT	MVR450RT	MVR550RT	MVR650RT
推荐载重/Recommended L.M.M.	20-30	30-60	50-100	80-150
臂长行程/Stroke	350	450	550	650
上下行程/Vertical Stroke	75			
标准载重/Standard Load (kg)	1Kg			
取出时间/Dry Time Out Time	0.6	0.7	0.8	0.9
空程时间/Dry Cycle Time	3.8	4	4.2	4.4
空程消耗量/Air Consumption	4	4.5	4.8	5.2
重量/Net Weight	20	22	24	26

尺寸图表 Outer Dimensions



Model	A	B(min)	B(max)	C	D	E	F
MVR350(R)TT	605(685)	105(185)	405(485)	350	285(335)	135	1010(1050)
MVR450(R)TT				450			1110(1150)
MVR550(R)TT				550			1130(1170)
MVR650(R)TT				650			1230(1270)

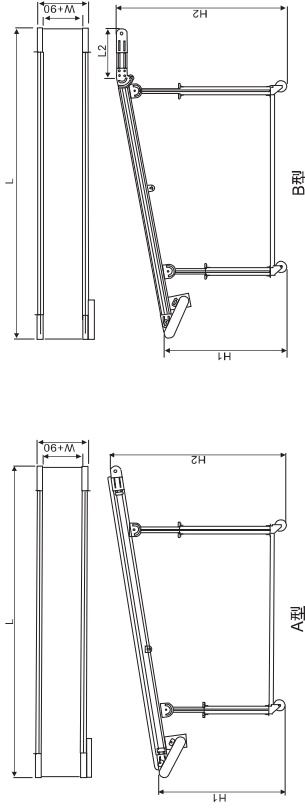
MBC 皮带输送机 BELT CONVEYOR

特点 Features

- 铝型材结构，坚固、耐用；绿色PVC皮带，平滑耐用；
- 采用调速电机，可控制运行速度；
- 两端高度可调，手轮调整，方便快捷；
- 通过变频器等外部信号控制，实现同步运转
- Full unit made with high rigidity alloy aluminum structure beam. Super-strong structure makes it longwearing and not deformed.
- Belt is made of green PVC
- The use of motor speed control which can control the working speed
- The height of both sides can be adjusted easily by a hand shaft, convent in using.
- With standard robot connector which can be connected quickly.



尺寸图表 Outer Dimensions



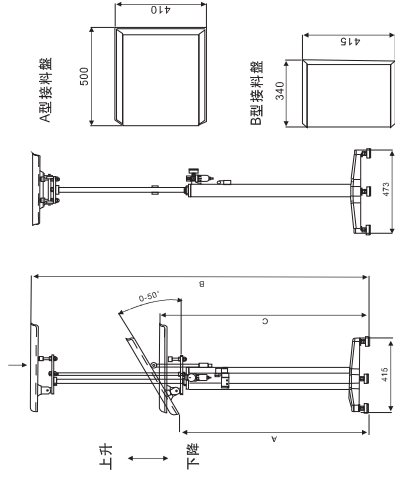
主要规格 Main Specification

机型/Model	皮带宽度 (mm)	输送带长度 (mm)	低端高度H1 (mm)	高端高度H2 (mm)	水平长度L (mm)	最大承重 (Kg)	最大速度 m/min	皮带 Belt Description	电源 Power Source	电源容量 (KVA)
MBC-A/B 200W	200	1500/2000			300 (only for ACNB-)			PVC材质 2mm厚 带宽：4-10 速度：0-60 防静电 增加	Single Phase AC200V 50/60HZ	0.2KVA
MBC-A/B 300W	300	2500/3000								
MBC-A/B 400W	400	3500/4000	700-1000	1200-1600	500 (only for ACNB-)		12			
MBC-A/B 500W	500	4500/5000			700 (only for ACNB-)					
MBC-A/B 600W	600	5500/6000								

特點 Features

- 具備組合與快速接頭，方便掛排
- 傾斜角度可調節，將成品定向作業
- 上行行程可以調整，可依需求出爐與機械手高度調整
- 與機械手臂訊號相連接，準確的接收成品，保護成品
- With filter and instant fitting, easy and fast
- After descending, automatically slope to slide the products to worktable
- Vertical stroke can be adjusted according the height of imm and robot
- Connected with robot signals, so it can receive the products precise and protect the products from damage

尺寸圖表 Outer Dimensions



Model	MVT500	MVT600	MVT700	MVT800
A	794	894	994	1094
B	1476	1676	1876	2076
C	926	1026	1126	1226

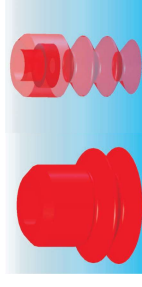
主要規格 Main Specification

電源 Power Source	工作氣壓 Working Pressure	適用成型機 Recommend I.M.M	最大荷重 (Kg) Max.Loading	空氣消耗量(Nl/cycle) Air Consumption	淨重 (Kg) Net Weight
DC 24V	5Kg/cm ² 0.49Mpa	50-250 ton	2	0.5	20



REGULAR AND IRREGULAR JIGS OF INJECTION MOLDING MACHINERY ROBOT 注塑機械手標準及非標準治具

治具組件 (部分) Assemble component of Jigs(some of it)



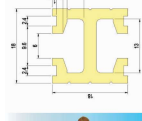
雙層吸盤
Suction cup with multiple



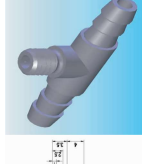
金具
Anour clamp



抱具
Hold out



鋁型材
Aluminum profile

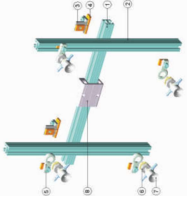


接頭
Joint

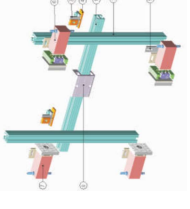
標準治具 (部分) Standard fixture (part)



斜臂式標準吸治具
Swing regular jigs



橫生式標準吸治具
Beam regular jigs

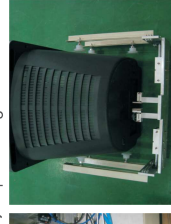


橫生式標準抱治具
Beam regular jigs

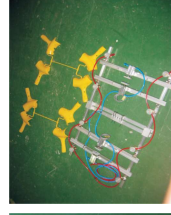
特殊治具 (部分) Special Jigs



電腦鍵盤取出治具
Computer keyboard packing jigs



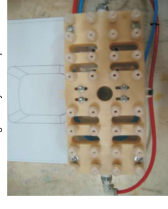
電視機外殼吸抱結合治具
Absorbing and embracing jigs of TV shell



一種多穴, 採用吸抱結合方式取出
Many cavities mold packing by a way of combining absorbing with embracing



吸、抱同時取出治具
Packing jigs by absorbing and embracing at the same time



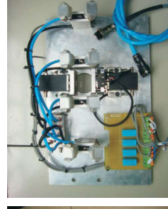
電腦鍵盤取出治具
Computer keyboard packing jigs



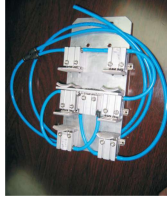
鍵盤取出後的分穴臺
keyboard after removing



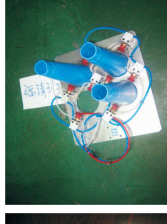
電腦的取出治具
Computer packing jigs



平行架治具
Parallel frame jigs



抱具組合治具1
Hold combination fixture 1



抱具組合治具2
Hold combination fixture 2



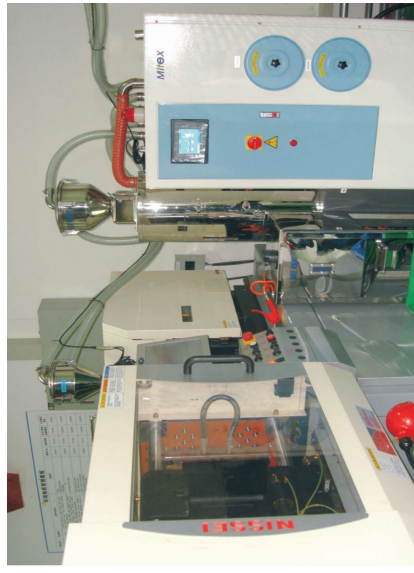
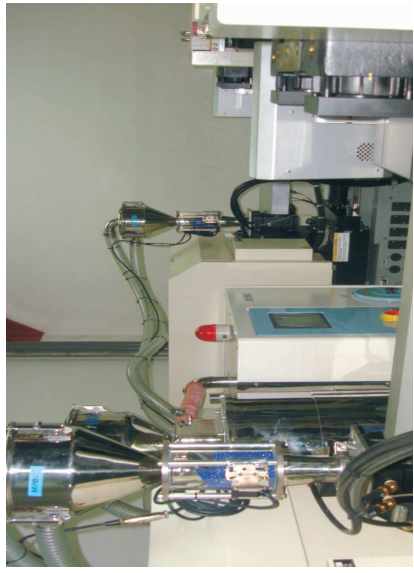
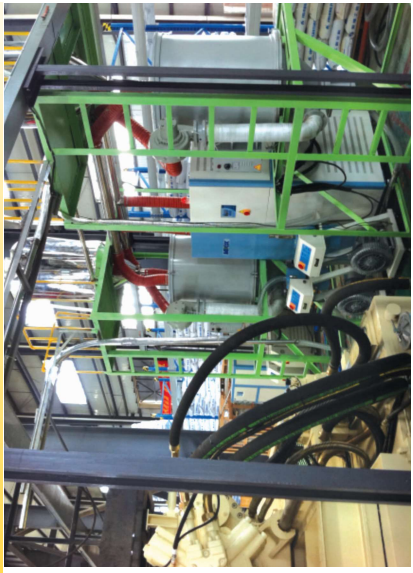
抱具組合治具3
Hold combination fixture 3



剪出口治具
Shear outlet fixture



應用案例——溫度控制
 OUR CUSTOMERS-CASES OF
 TEMPERATURE CONTROL UNIT



應用案例——除濕乾燥
OUR CUSTOMERS-CASES OF MATERIAL
DEHUMIDIFYING & DRYING





中央供料&輸送
 OUR CUSTOMERS-CASES OF
 CENTRALIZED FEEDING SYSTEM



應用案例—除濕乾燥
 OUR CUSTOMERS-CASES OF MATERIAL
 DEHUMIDIFYING & DRYING