

射出成型食品容器模具規格表

The Specifications of Injection Molding Food Containers' Molds

品名 Product Name	口徑X高 Diameter X Height (mm)	重量 Weight(g)	肉厚 (mm) Thickness (mm)	模穴 Cavity	成型時間 Cycle Time (Sec.)	成型機械 Injection Molding M/C (Tons)
500碗 500ml Bowl	ø 119X72	12.5	0.48	6	5.2秒/模	250
700碗 700ml Bowl	ø 140X70	15.5	0.48	4	5.5秒/模	250
850碗 850ml Bowl	ø 140X84	17.8	0.50	4	5.8秒/模	250
999碗 999ml Bowl	ø 140X95	25.2	0.63	4	6.5秒/模	180
500高杯 500cc Tall Cup	ø 95X126	16	0.48	4	5.8秒/模	180
750高杯 750cc Tall Cup	ø 95X170	21	0.48	4	6.6秒/模	270
1000高杯 1000cc Tall Cup	ø 113X173	23.5	0.50	4	7.2秒/模	320
1000矮胖杯 1000cc Short Fat Cup	ø 120X142	22.5	0.50	4	7.2秒/模	320
360左岸杯 360cc Coffee Cup	ø 86X96	13.5	0.68	4	6.5秒/模	180
鴻運杯 Party Cup	ø 67X86	5.6	0.48	8	4.6秒/模	270
布丁杯 Pudding Cup	ø 69X62	6.9	0.48	8	6.8秒/模	250
方型便當盒(本體) SQ. Lunch Box	222X151X51	30.5	0.57	2	4.2秒/模	250
方型便當盒(蓋) SQ. Lunch Box Lid	225X154X19	28.3	0.55	2	4.8秒/模	180
圓型便當盒(本體) RD. Lunch Box	ø 184X47	19.8	0.55	2	5.8秒/模	250
圓型便當盒(蓋) RD. Lunch Lid	ø 187X19	23.4	0.55	2	5.5秒/模	180
泡麵杯 Instant Noodle Cup	ø 94X114	18.9	0.6	4	6.0秒/模	180
小湯匙 Small Spoon	□23X114	0.9	0.65	32	5.8秒/模	320
大湯匙 Big Spoon	□39X168	2.6	0.7	32	7.8秒/模	320
航空杯 In-Flight Cup	ø 71X57	12.5	0.6	4	3.3秒/模	150



塑膠成形模具製造專家

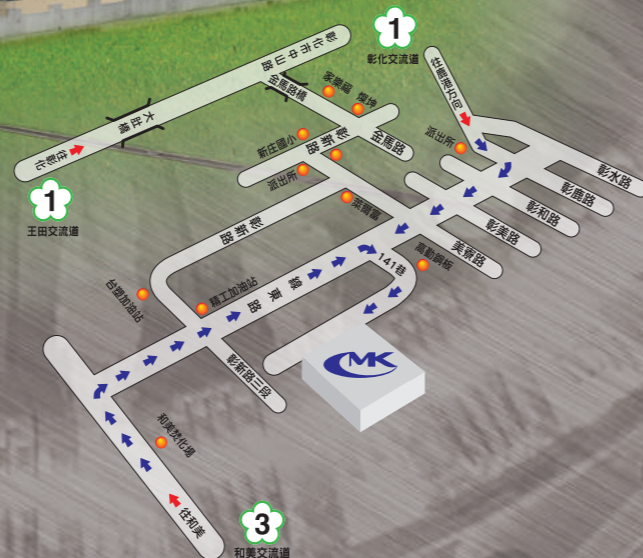
Hot-runner Plastic Injection Molds & Plastic Injection Molding Manufacture

公司簡介
Company Profile



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公司簡介

Company Profile

模奇實業有限公司創立於1994年。

始終如一“模奇”秉持高品質和滿足客戶要求的經營理念，專注於研發製造熱澆道系統塑膠射出成型模具、模內貼模具和塑膠食品容器模具，至今已製造超過1千付模具，銷售至世界各地，包括美國、英國、法國等歐洲各國、中國大陸和泰國、馬來西亞、菲律賓、印尼、等東南亞國家、哥倫比亞、薩爾瓦多等中南美洲、沙烏地阿拉伯、印度、剛果、埃及、象牙海岸、奈及利亞等中東非洲地區。

“模奇”擁有卓越的模具製造能力，不斷開發創新，實施全面品質管制，持續追求改善製造流程、研發新的製造技術，以提高生產力和品質，達到如期提供符合顧客要求的品質和服務。

Mo Chyi company was established in 1994. It has always been holding on the principle of “high quality and customer satisfaction” and it specializes in researching and manufacturing hot runner system plastic injection mold, insert labeling mold, and plastic food container mold. So far, it has manufactured and exported over 1,000 molds worldwide including countries like U.S., U.K., France, China, Thailand, Malaysia, Philippine, Indonesia, Columbia, Salvador, Saudi Arabia, India, Congo, Egypt and Ivory Coast, Nigeria etc...

In addition, Mo Chyi owns the outstanding mold design and manufacturing ability with strict QC to pursue a better production flow and research for a higher technology for better productivity as well as quality to achieve customers' expectations.

八穴布丁杯
Eight hole pudding cup



Moki專利熱澆道系統模具特性

1. 成形時間短(最快3秒)、產量高、穩定度好。
2. 最適合重量輕、肉厚特薄(最薄可到0.3mm)之拋棄式免洗餐具。
3. 減少廢料、降低成本、成品穩定度高、降低不良率。
4. 模具結構堅固、使用浮動式結構、成品肉厚薄(最薄可到0.3mm)、厚度均勻、品質穩定、模具壽命長。
5. 使用先進吹氣裝置搭配高速射出機，可提升週期到3秒。

Characteristics Of Moki Patent Hot Runner System Mold

1. Short cycle time (shortest time up to 3.2 sec with advanced blowing technology), high productivity and stability.
2. Most suitable for light weight and extra-thin (thinnest up to 0.3mm) disposable products.
3. Waste reducing, production cost lowering, high stability of finished products, and low defective rate.
4. Strong mold structure, floating structure, thin finished products, average thickness, stable quality, long-life of mold.
5. Advanced air-blast equipment with high speed injection machine to improve the cycle to 3 seconds.



製作流程與製造設備

Manufacturing procedures & equipments



Precision equipments to produce molding tools

1. Kao Fong Mechanical CNC milling machine 1100 X 800mm : 3 units
2. Meu Hsih CNC precision electric discharge processing equipment 450 X 750mm to 800 X 500mm : 8 units
3. Full automatic precision grinding machine 350 X 600mm : 2 unit
4. TATUNG Okuma precision CNC lathe 420 X 600mm : 4 units
5. Chou Chung OS250CH high-speed nitrogen pressure injection molding machine 600 X 700mm : 1 unit
6. LF607HS high speed pressurized nitrogen injection mold machine 1250x 1200 mm : 1 set
7. Victor Vturm-40 precise CNC lathe 610 x 2000 mm : 1 set
8. SINADA Japan horizontal milling & drilling machine center 1100 x 800 : 1 set

最新科技 / 專業製造

1. 熱澆道系統塑膠模具。
2. 模內貼模具、圓形、四面貼、五面貼各式模具。
3. 專業食品容器射出成形製造模具。
4. 布丁杯、航空杯、左岸咖啡杯、優酪杯之模具。
5. 油漆桶 (1~5L、10L、15L、20L) 模具。
6. P.P. 微波碗模具 120、250、360、500、700、850、999、1000c.c.。
7. P.P. 微波杯模具 120、250、360、500、750、960、1000c.c.。
8. 瓶蓋、叉子、刀子、湯匙之模具。
9. 各類薄片衛生食具、容器模具。
10. 各種特殊外型容器模具的開發及設計，配合客戶新產品推出。

Advanced technology / Professional manufacturing

1. Hot runner system plastic mold
2. Insert labeling mold
3. Food container injection mold
4. Pudding cup, aviation cup, coffee cup, yogurt cup mold
5. Paint Tub (1~5L, 10L, 15L, 20L) mold
6. P.P. microwave bowl mold (120, 250, 360, 500, 700, 850, 999, 1000cc)
7. P.P. microwave cup mold (120, 250, 360, 500, 750、960、1000c.c.)
8. Bottle tap, fork, knife, spoon mold
9. Thin dining ware and container mold
10. To assist finishing the customer's product designing and molding



LF607HS 高速氮氣加壓射出成型機 1250 X 1200mm
LF607HS 1250 x 1200 mm



精密CNC車床610 X 2000mm
CNC lathe 610 x 2000 mm



成品展示

Products

Mould Specialist



品質保證

確保製造的模具，品質符合顧客需求，注重每個製造流程的品質管理，從剛開始客戶成品圖檢討及尺寸修改建立、模具設計最佳化管理、鋼材硬度檢測、熱澆道電控系統檢測、模具零件加工尺寸管控、模具零件組裝檢查、模具試模和樣品試製檢查、樣品尺寸檢驗報告和試模報告，以及配合客戶最終檢驗...等，整個製造流程均加以詳細確實的管控嚴格把關，確保生產模具能夠如期完成及符合客戶高品質要求。

Quality Guarantee

To insure the quality to satisfaction to our customers, we pay strict attention on every detail during the production. From the parts discussing with customer, mold designing optimization management, steel hardness examination, hot runner electronic control system examination, mold component processing size control, mold component fabricating examination, mold testing, sample testing, sample size examination report, mold testing report, and final testing etc... The whole production flows are strictly controlled to make sure OTD and excellent quality.

