

GOLFANG



一段兩工位式射出延伸吹瓶機

Single-Stage Injection Stretch Blow Molding Machine



國鈞興業股份有限公司 (國芳機械)

GOLFANG MFG & DEVELOPMENT CO.,LTD.

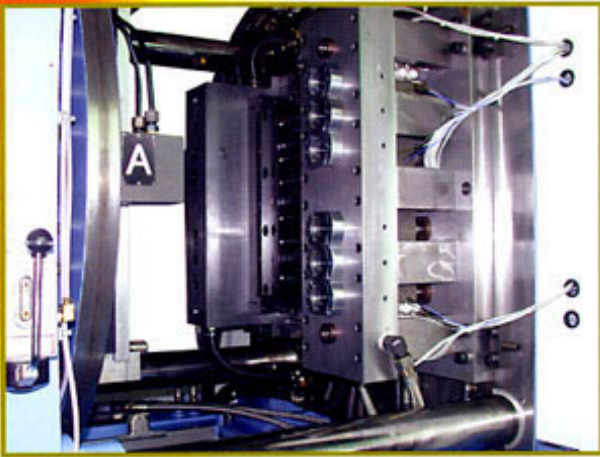
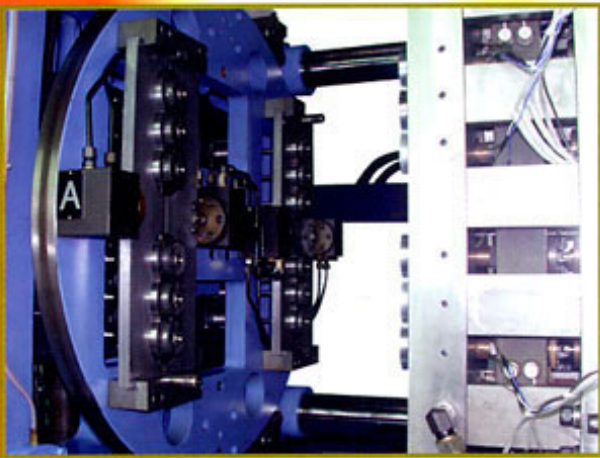
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主要產品

- 塑膠注射吹瓶機 (GF/IB-Series)
- 塑膠注射延伸吹瓶機 (GF/ISB-Series)
- 射吹/射拉吹產品模具

MAIN PRODUCTS

- Plastic Injection Blow Molding Machine
- Plastic Injection Stretch Blow Molding Machine
- Molds For GF/IB-Series & GF/ISB-Series

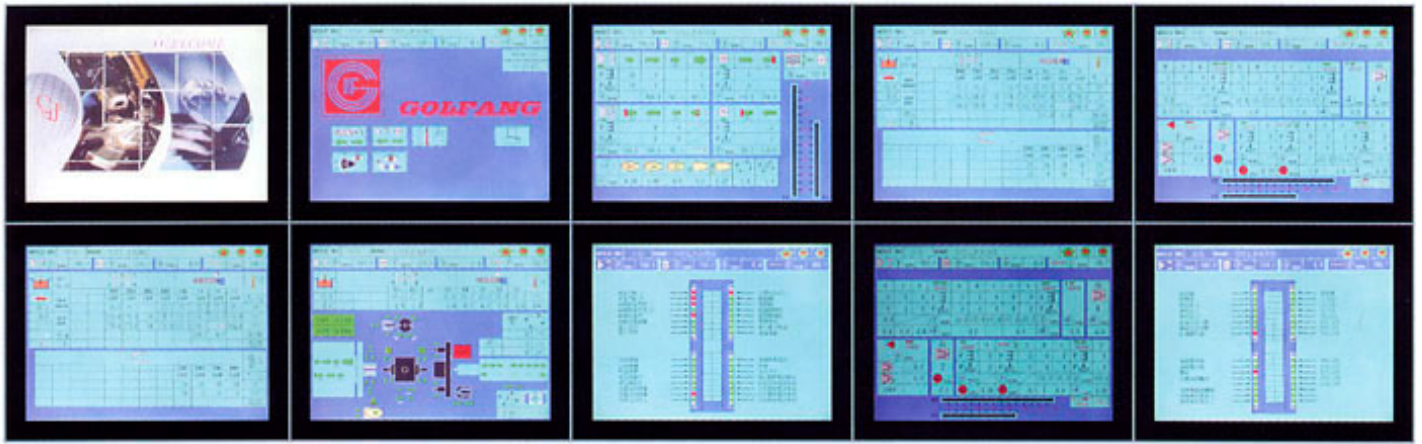
機種主要特色

1. 開機簡易-首模次產出即良品,降低原料損耗成本。
2. 本機種採用最先進"一步法射出延伸吹瓶"成形工藝,祇需單機即可達到高質量產出效率,比較兩步法PET成型機,本機所佔優勢包括:節約能源-低耗電率、節省設備佔用空間、單機採購可減少開發試模風險、開模成本低-迎合市場產品多樣化需求,可提昇客戶接單之競爭力。
3. 兩位置式轉盤模具室特殊機構設計。
4. 模具設計採用底座共用方式,可任意變化產品之款式、重量、甚或瓶身長短,只需換下配件即可,故可降低開模成本。縮短校模時間,更毋需高超之換模技術,因此特別適於少量多樣之包裝容器市場需求。
5. 模具零件化,換模、修模簡易,模具維護費用低,使用壽命特別長。
6. 橫置式定位銷,高度耐磨耗性,確保分模線之精準,及開合模容易。
7. 熱澆道閥澆口特殊防漏裝置設計。
8. 開發產品多樣化,包括:精緻化妝品容器、藥瓶、點滴瓶、洗潔用品容器、飲料瓶、嬰兒奶瓶、調味罐等...專適於600c.c.以下小容量精緻容器,可謂一機多用途。
9. 適用原料: PET PP PC PES

Main Features of GF/ISB Series

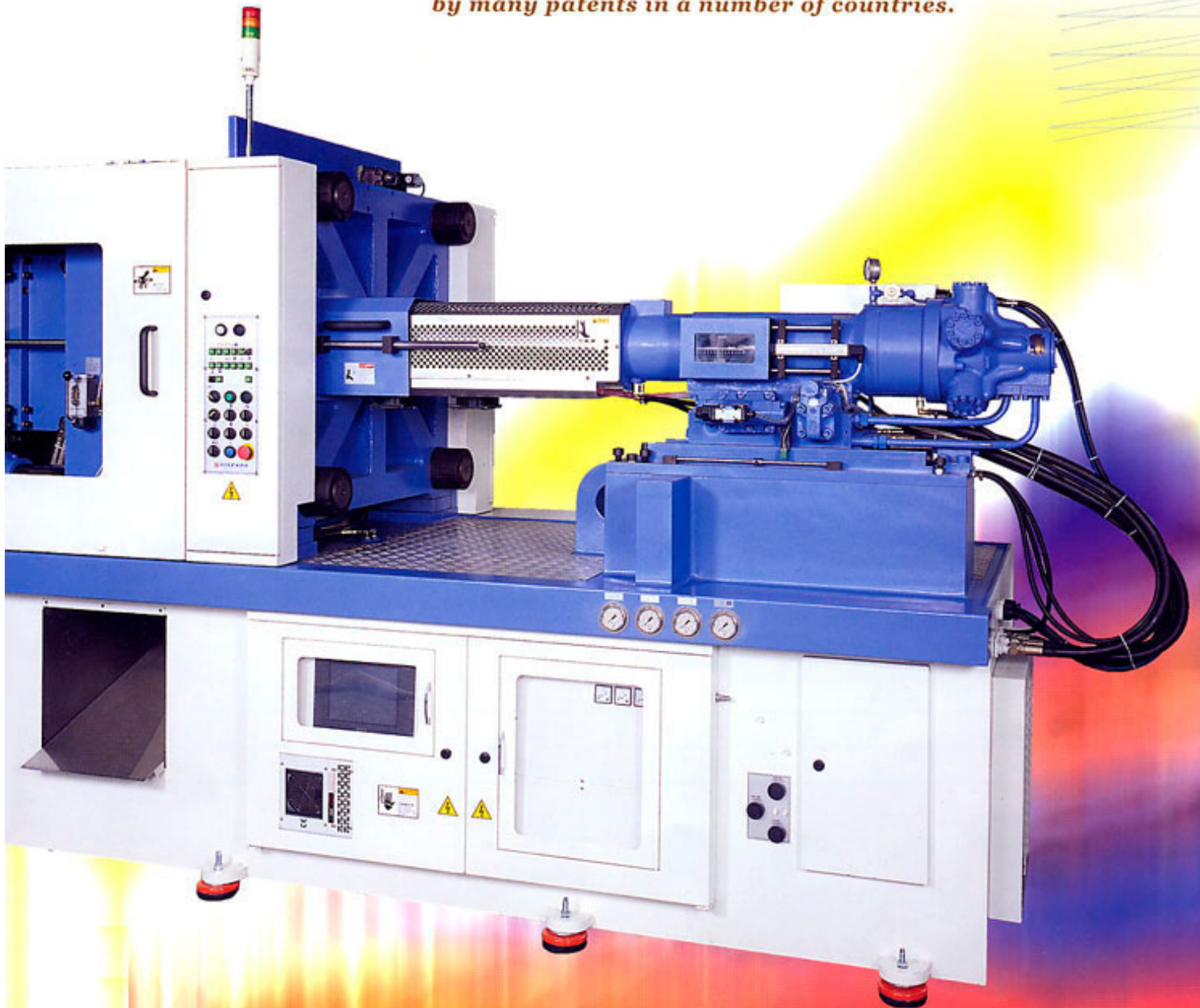
1. Easy machine start-up assures excellent and ready-for-market products on the very first run while reducing expenses on wasted raw materials.
2. GF/ISB series adopts the world's most advanced "single-stage injection stretch blow" molding technology. One single machine is able to achieve high quality and efficient productivity. Compared with two-stage PET machines, GF/ISB possesses several advantages which include:
 - Energy savings (low power consumption)
 - Facility space savings
 - Lower risk on the mold development and testing with single-machine purchase
 - Low mold cost (a viable solution to the market's product-variety demand)
 - Competitive advantages over the competition for orders
3. The machine equips the unique device of Vertical Rotary Disc to transfer the preform from one station to another in an upright position.
4. The mold design adopts the method of common mold base. Only by changing a few mold parts, the product's shape, weight, or even the length can be changed. It lowers the cost for new mold development, shortens the time for mold alignment, eases the technical demand for mold changeover, and particularly suits the trend towards high-variety and low-quantity packaging.
5. The use of interchangeable insert mold parts simplifies the mold changeover and repair, reduces the maintenance cost, and prolongs the lifetime of the mold.
6. The utilization of horizontal lock pins ensures precise positioning of the mold during the molding process.
7. The valve-gate hot-runner system is designed with special anti-leak device.
8. The machine is one for multipurpose use, which is ideal for a variety of product development, including fine quality cosmetic containers, medicine bottles, intravenous drip bottles, detergent containers, beverage bottles, baby bottles, sauce bottles, etc., particularly optimal for containers smaller than 600c.c.
9. Various resin options include PET, PP, PC and PES.





● 本機種暨模具已獲多國專利

*GF/ISB machines and molds are covered
by many patents in a number of countries.*



OPTIONAL ACCESSORIES	選購週邊配備
High Pressure Air Compressor	高壓空壓機
Refrigerated Air Dryer	空氣乾燥機
Chiller	冰水機
Cooling Tower	冷卻水塔
Dehumidifying Dryer	除溼乾燥機
Hopper Dryer / Auto Loader	乾燥料斗 / 自動送料系統



MACHINE SPECIFICATION 規格表

Model No.	UNIT	ISB-60	ISB-90	ISB-125	機 型
Screw Dia.	mm	40	45	55	螺桿直徑
Injection Capacity	cm ³	125	170	365	射出量
Heater	kw	4.8	6.3	9.2	電熱容量
Clamping Force	Tons	60	90	125	鎖模力
Pump Drive Motor	HP	20	30	40	泵浦壓力
Overall Dimension	L.W.H.	5.4*1.7*2.4	5.8*1.7*2.4	6*1.7*2.4	外觀尺寸
Machine Weight	Tons	13	14	16	機械重量
Air Compressor Pressure	Bar	35	35	35	吹瓶壓力
Power Supply	Kw	30	45	60	電力耗損

PRODUCT SIZE OF LIST FOR MOLD CAVITY OF GF/ISB-SERIES

各機型模穴之產品尺寸參照表

機 型 Model No.	模穴數 Cavity	瓶口直徑/mm Max. Thread Dia.	瓶身直徑/mm Max. Dia.	瓶高/mm Max. Height	瓶重/Gram Max. Weight
GF/ISB-60	2	56	110	220	50
GF/ISB-60	4	38	90	220	25
GF/ISB-60	6	25	55	220	16
GF/ISB-60	8	20	40	120	12.5
GF/ISB-90	2	65	110	220	60
GF/ISB-90	4	45	90	220	30
GF/ISB-90	6	32	55	220	20
GF/ISB-90	8	20	40	120	15
GF/ISB-125	2	80	110	220	140
GF/ISB-125	4	66	90	220	70
GF/ISB-125	6	50	55	220	46
GF/ISB-125	8	20	40	120	35