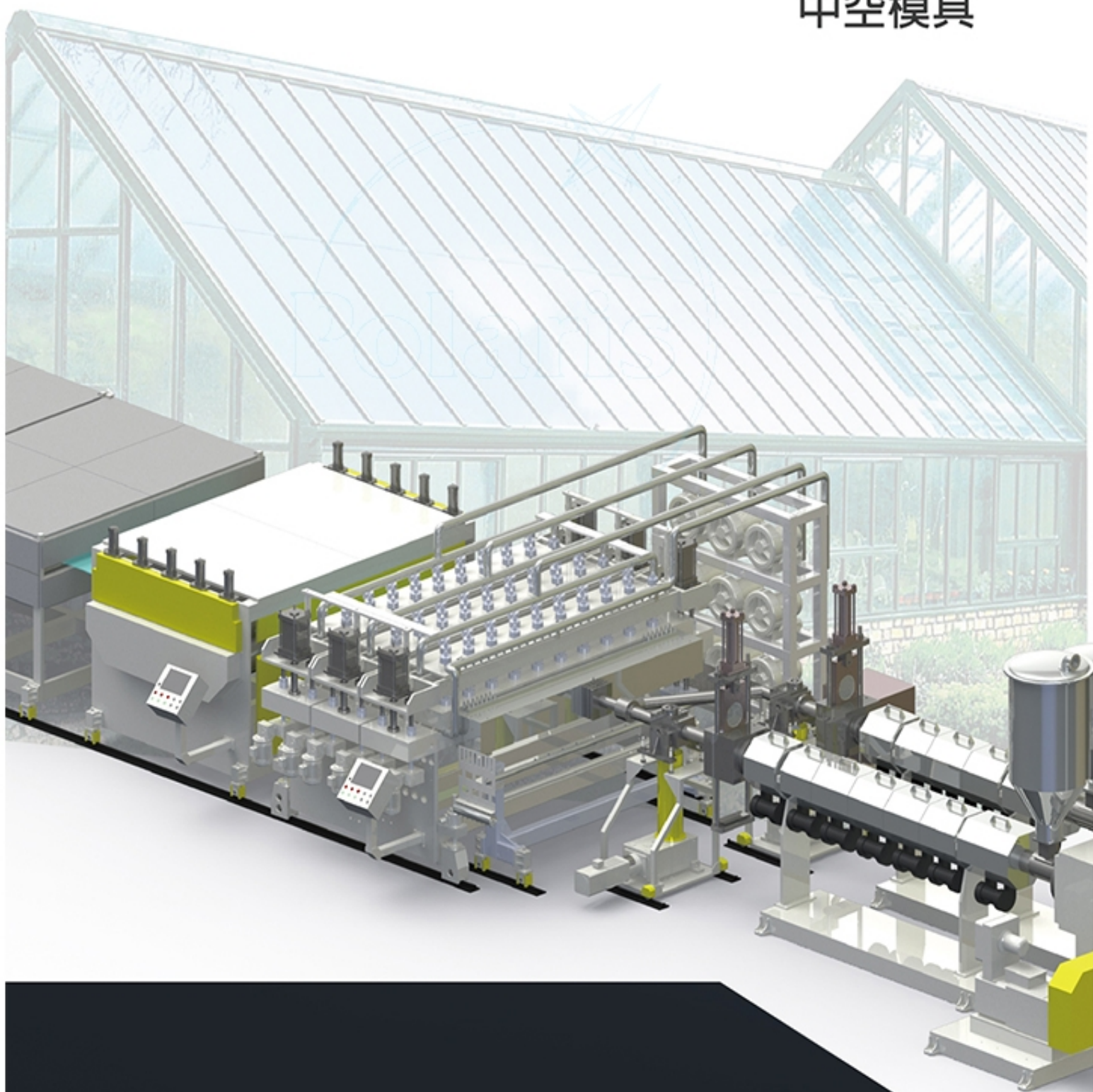


政鈺機械股份有限公司  
GMA MACHINERY ENTERPRISE CO., LTD.

# HOLLOW SHEET

中空模具

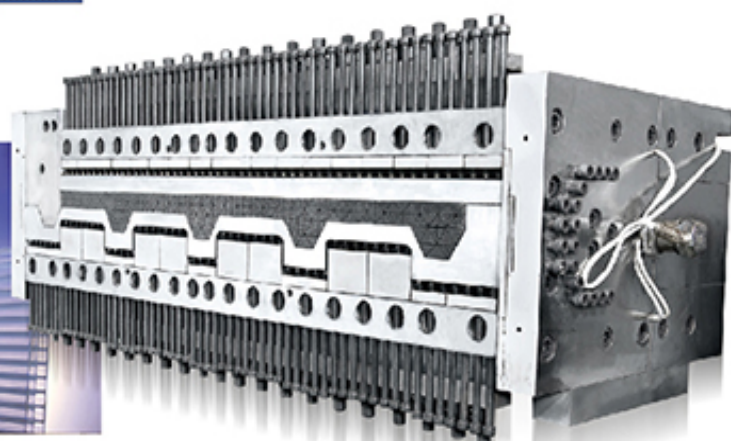
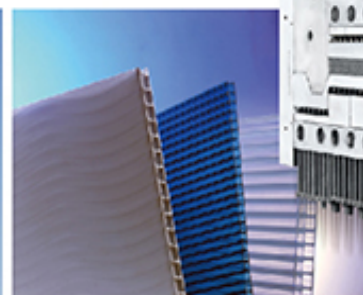
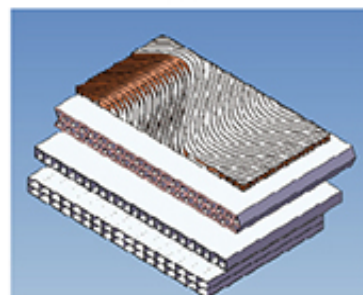
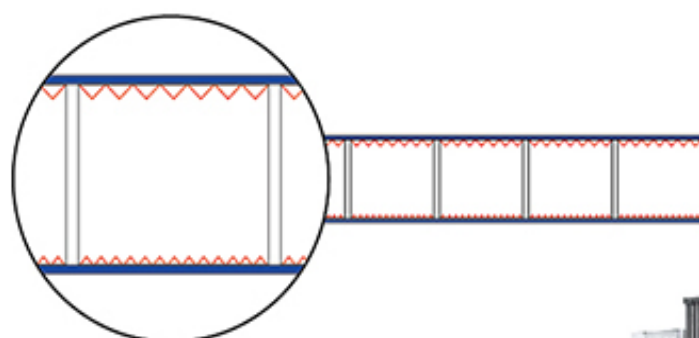
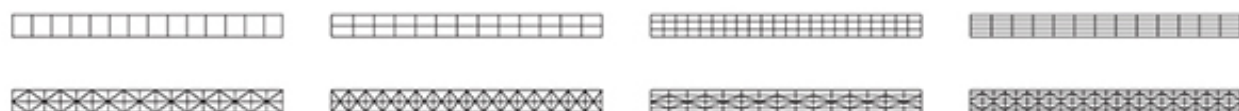
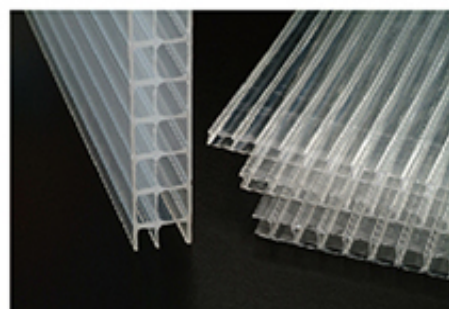
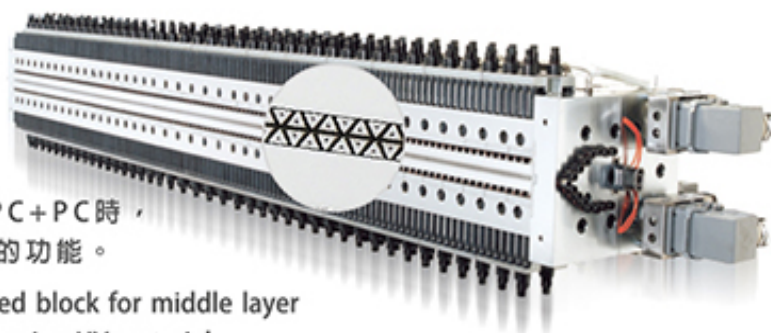


## PC中空模具(取得多項專利)

### PC Hollow Sheet Die

上下模唇皆有專用的唇口微調整結構，更容易控制板厚。搭配分配器在生產UV+PC+PC時，可節省UV使用量並確保不影響UV阻隔耐熱的功能。

Adjustable upper and lower die lip thickness. Feed block for middle layer foaming can be added for better distribution and saving UV material. This product is resistant to weather, fire, impact, it is of light weight, heat in melted and resistant to UV layers.



寬幅範圍 Width range	200~2500mm
開口範圍 Gap range	4~40mm
適用押出量 Throughput	20~800 kg/hr
寬幅調整 Width adjustment	外塞 External deckle

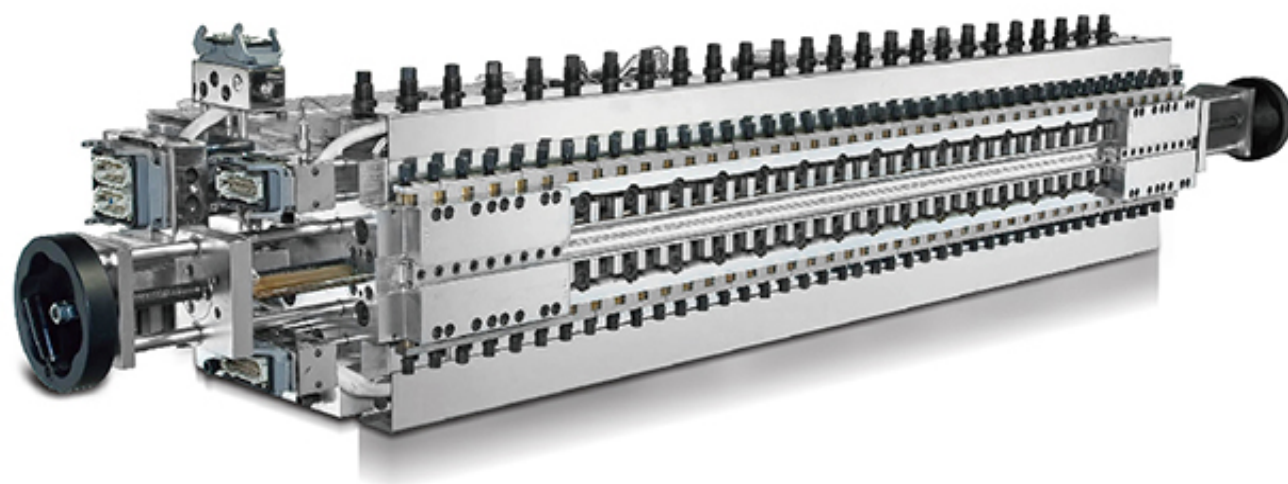


## PP中空模具(取得多項專利)

### PP Hollow Sheet Die

上下模唇皆有專用的唇口微調整結構,精密研磨風孔與電鍍後的模唇,更容易控制板厚, BAB共擠出複合中空板專利,具有省原料、高耐衝擊及高效率生產。

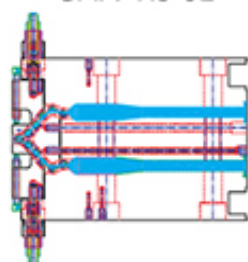
Adjustable upper and lower die lip thickness. Work with distributor / feedblock for middle layer foaming, lightweight, impact and oil resistant, and waterproof.



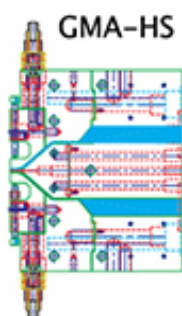
寬幅範圍 Width range	200~3000mm
開口範圍 Gap range	1.8~25mm
適用押出量 Throughput	20~1000 kg/hr
寬幅調整 Width adjustment	內外塞 Internal & External deckle

## Flat Die Type

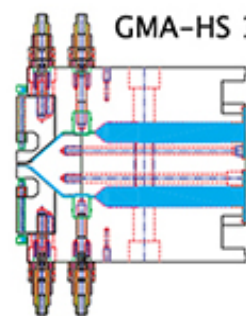
GMA-HS 82



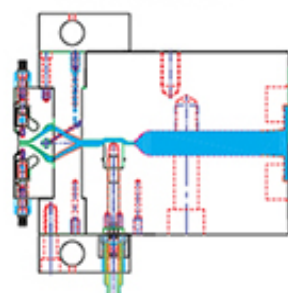
GMA-HS 12



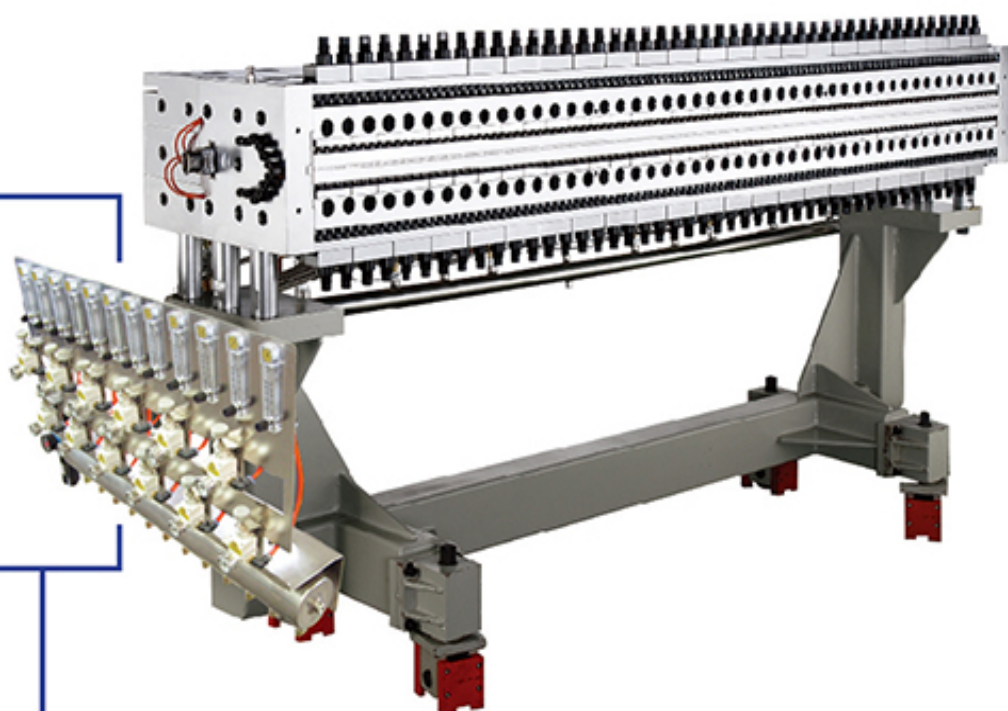
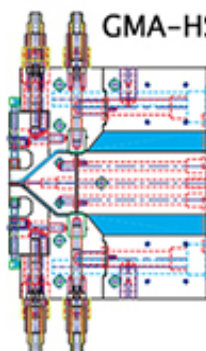
GMA-HS 16



GMA-HS 18



GMA-HS 11



## 風量調整系統

### Controlled air flow system

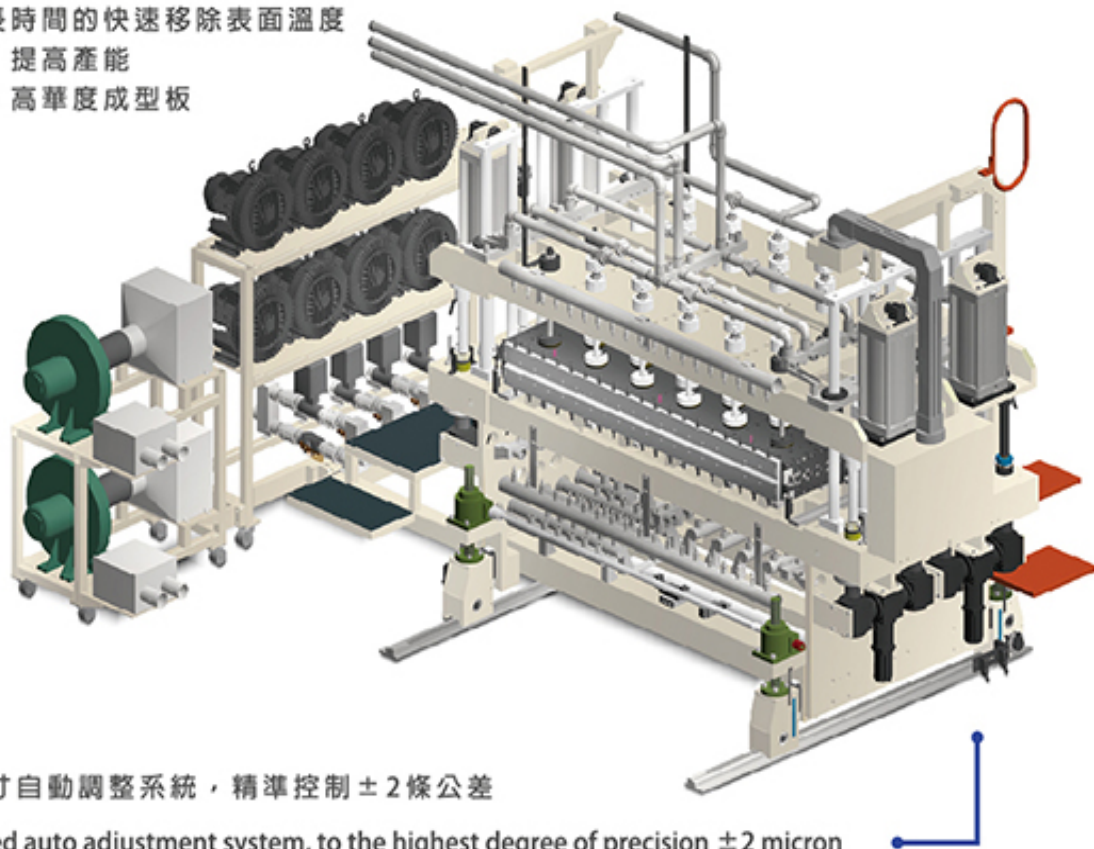
- 單獨的風量調整以及有刻度設計的穩壓流量計，斷面的成形更容易控制
- 專用的風量調整設計可降低調整時間及增加產品品質
- Separate air volume adjustment and regulated flowmeter with scale design make the forming of the section easier to control.
- Dedicated air volume adjustment design reduces adjustment time and increases product quality.



## 中空成型台

### Calibration of the vacuum cooler

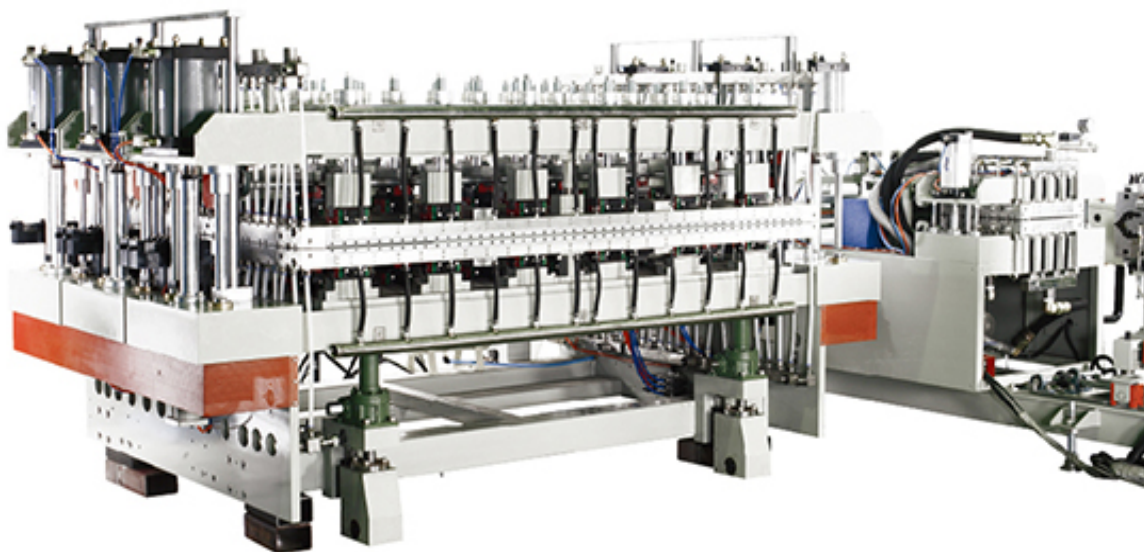
- 高容量的冰水冷卻設計可滿足快速生產需求
- 每一道真空氣流向可平均分散穩定通過產品
- 更可靠且可以更長時間的快速移除表面溫度
- 高效率水路設計，提高產能
- 高硬度、高壽命、高華度成型板



定寸自動調整系統，精準控制  $\pm 2$  條公差

Fixed auto adjustment system, to the highest degree of precision  $\pm 2$  micron

- High capacity cooling water design for fast production needs.
- Patented vacuum airflow design makes the material inside the calibrator stable across the traversal direction.
- High scratch resistance surface treatment makes the calibrator become more stable and last longer than other manufacture.
- Highly efficient waterway design to improve yields.

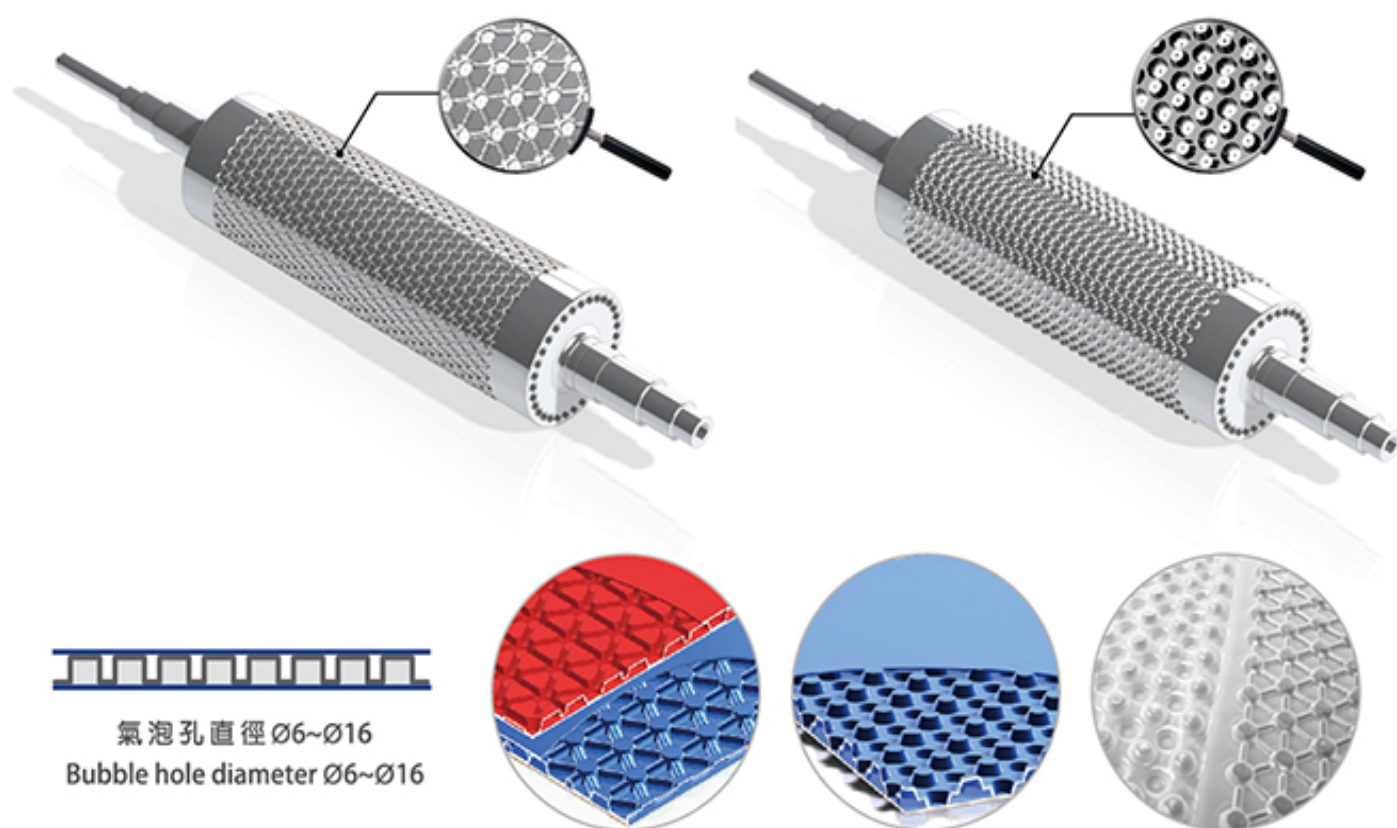


## 氣泡輪

### Honeycomb roller for bubble sheet

依最終產品應用設計，輥面有菱形或客製化異型設計，採用高精度加工機械製造精密輪面，並精確計算成型過程中熱漲冷縮比例，透過高效率的冷卻水路設計搭配靈活的排氣設置，使輪面成型效果大幅提昇，符合客戶需求。

According to the design application of the end product, the roller surface can be customized with a diamond or special shape. The high-precision equipment is used on to process the precision machining of the wheel surface, and the heat expansion, contraction during the molding process are strictly calculated. By efficient cooling water passage and flexible exhaust design. This type of product design will meet the special needs of customers.



板材結構可分為上下壁面及中間氣泡三層。使用具有抗壓力、耐衝擊、防水防油脂、耐高低溫變化以及抗多種化學物質等特性材料製作；外觀可因應需求使用不同顏色，板材質量輕但荷重力佳，板材表面經特殊處理後平滑光亮，可用於印刷或與異材質黏貼結合，應用範圍廣泛。

Its structure can be divided into three layers, two external ones and one thermoformed layer in the middle. It gives the light-weighted sheet high resistance to compression and impact. In addition, the sheet is water, grease, chemical proof, and resist to temperature variation. By use of corona treatment, the layer is ready for print and can be attached to other material for a wide range of applications.



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