



高速薄壁生產

High Speed Thin Wall Plastics Production

Ec220+ 專用機特點

- 特快開鎖模油缸設計，專用伺服閥控制，開鎖模迅速平穩，配進口綫性導軌作為二板導向，將開合模摩擦力降到最低，保證開鎖模速度及直綫重複精度
- 專配進口伺服電機熔膠，保證熔膠速度和重複精度，儲能罐射膠，射膠速度高達600mm/s，配合高頻響應伺服閥控制，保證射膠重複精度
- 全機採用磁懸浮傳感器
- 高強度機架結構設計，保證整機高速運行
- 高效率大排量潤滑泵，保證整機高速運行時潤滑及時有效，同時潤滑油可循環回用

Machine Features

- Ultra-high speed cylinder design with servo valve control, providing fast and smooth motion for clamp open and close. Equipped with Japan linear guide for moving platen support, and thus reduce the clamping friction to the lowest level to ensure the speed and linear repeatability
- Plasticizing is controlled by the high-performance import servo motor, to ensure the plasticizing speed and repeatability. Accumulator for injection, providing 600mm/s injection speed, and also equipped with high response servo valve control to guarantee the injection precision
- All machine strokes measured by magnetic non-contact transducer
- Superior rigidity machine structure design to cope with high-speed machine movement circumstance
- High efficiency lubrication pump to guarantee the machine lubricating performance under the high-speed operation, also the lubrication oil can be recycling via the filtration process.



標準規格/Specifications

型号	Model	单位 / Unit	Ec200+
螺絲直徑	Screw diameter	mm	40
理論射膠容積	Theoretical shot volume	cc	260
理論射膠量 (PS)	Shot weight (ps)	g	185
理論射膠量 (PS)	Shot weight (ps)	oz	6.5
螺絲長徑比	Length/diameter ratio	L/D	25
射膠壓力	Injection pressure	Kg/cm ²	1600
儲能射膠速度	Injection speed	mm/sec	350
儲能射膠率	Injection rate	cm ³ /sec	440
射膠行程	Screw stroke	mm	207
螺絲轉速	Screw speed	rpm	382
熔膠率 (PS)	Plasticizing capacity (ps)	kg/hr	78.6
射台拉力	Injection unit force	KN	52
射台行程	Carriage stroke	mm	320
鎖模力	Clamping force	Ton	220
模板最大間距	Max.daylight	mm	1105
鎖模行程	Clamping stroke	mm	400
四柱間距	Distance between tie bars	mm	580X580
容模量	Mould thickness range	mm	200 ~ 580
頂針力	Ejector force	KN	60
頂針行程	Ejector stroke	mm	160
頂針數	Ejector number	unit	9
主馬達功率	Main motor power	kW/HP	55/75
油泵排量	Hydraulic pump capacity	L/Min	200
系統壓力	System pressure	Kg/cm ²	160
加熱區	No.of heater zones	unit	4+1
電熱功率	Heat input power	kW	12
淨重	Net weight	Ton	10

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We are always working on improvement and reserve the right to change design and specifications without notice

成型實例 Sample

650cc方形餐盒 (650cc Rectangular lunch boxes)

- 模腔數 (Cavity No.): 2
- 產品壁厚 (Wallthickness): 0.5mm
- 產品重量 (Weight): 20g
- 生產周期 (Cycle time): 4.7秒
- 樹脂種類 (Material): PP



CML 大同機械有限公司 東莞總部
COSMOS MACHINERY LTD. Dongguan Head Office
(大同機械企業有限公司成員 Member of Cosmos Machinery Enterprises Ltd.)

地址: 中國廣東省東莞市建設路15號 (P.C.:523070)
Address: 15, Jianshe Road, Dongguan,
Guangdong Province, China
Tel: +86 769 22417755 Fax: +86 769 22415786
E-mail: info@cml.com.cn

W 華大機械有限公司
WELLTEC MACHINERY LTD.
(大同機械有限公司成員 Member of Cosmos Machinery Ltd.)

地址: 香港新界青衣島青衣路29-33號大同工業大廈
Address: Tai Tung Industrial Building, 29-33, Tsing Yi
Road, Tsing Yi Island, N.T. Hong Kong
Tel: +852 24312160 Fax: +852 24337060
E-mail: info@welltec.com.hk

大同機械(無錫)銷售有限公司
COSMOS MACHINERY (WUXI) TRADING CO., LTD.
(大同機械有限公司成員 Member of Cosmos Machinery Ltd.)

地址: 江蘇省無錫市湖濱路89號 (P.C.:214073)
Address: 89, Hubin Road, Wuxi, Jiangsu Province, China
Tel: +86 510 85105043
Fax: +86 510 85122821
E-mail: sales.wx@cml.com.cn