

WYMA

®

INJECTION MOLDING MACHINES

Polaris



HS

High Speed
System

SYSTEM FEATURE:

- ▲ Close loop servo hydraulic controlled, injection speed can achieve to 250 to 500 mm/s
- ▲ It is merit of excellent response with high precision servo valve closed-loop system.
- ▲ 5~8 sec/mold cycle time, high quantity output and perfect quality.
- ▲ **HS** high speed molding system applies to flake and roomy molding parts for consumer products in large quantity. Such as tableware, beverage cup and CD、VCD cases.... etc.

系統特點：

- ▲ 閉環式射出伺服迴路控制，射出速度高達250~500 mm/s。
- ▲ 高精密伺服閥搭配閉環式迴路控制，應答性優異。
- ▲ 一次成形循環時間僅需要 5~8秒，產量高，品質穩定。
- ▲ **HS**高速成形系統 適用於大量生產薄件、大面寬等消費型產品，
例如：環保餐具、飲料容器、CD儲存盒...等高周期成形需求。



SHS

Precision
Super High Speed
System



SYSTEM FEATURE:

- ▲ SHS super high speed molding system can promote extra high-speed and Precision Stability. It emerges MT series into a high-performance and reached its peak at one stroke play.
- ▲ A demanding of precision 、speedy molding cycle, SHS provides 750 to 2000 mm/s maximum injection speed, to apply for super thin-walled parts 0.1~0.5mm 、the high viscosity of plastic material and high-speed multi-cavity plastic injection molding, etc....

系統特點：

- ▲ 同時提升高速性與精密安定性，SHS系統可將MT系列機型的優異性能一舉發揮至巔峰。本系統深受高科技產業客戶的信賴。
- ▲ 具備 750~2000 mm/s最高射出速度，適應超薄壁零件0.1~0.5mm、高黏度塑料高速多模穴成形...等精密快周期成形應用。

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增速射出系統

TYPE	Unit	LF77			LF107/37		LF507/137	
料軸直徑 Screw Diameter	mm	30			18		35	
射出重量 (PS) Shot Weight (PS)	gram	81			18		155	
射出壓力 Injection Pressure	kg / cm ²	1935			3240		2357	
理論射出容積 Theoretical Shot Volume	cm ³	91			20		173	
射出行程 Injection Stroke	mm	130			80		180	
射出率 Injection Rate	cm ³ / sec	529			508		961	
射出速度 Injection Speed (with Accumulator)	mm / sec	750			2000		1000	
可塑化能力 Plasticization	kg / hr	76			13		13	
射嘴接觸力 Nozzle Contact Force	ton	2.6			2.6		2.6	
直壓缸數 Number of Cylinder Drive	pc	ST Series			ST Series		MT Series	
閉模力 Clamping Force	ton	80			120		500	
開模行程 Opening Stroke	mm	400			450		1100	
最小模厚 Minimum Mold Thickness	mm	150			180		400	
總行程 Maximum Daylight	mm	550			630		1500	
機柱間隔 Tie Bar Clearance (HxV)	mm	355 x 355			402 x 402		710 x 710	
模板尺寸 Platen Dimension (HxV)	mm	545 x 545			623 x 623		1100 x 1100	
定位環直徑 Locating Ring Diameter	mm	80			100		150-200	
頂出行程 Ejector Stroke	mm	105			105		200	
頂出力 Ejector Force	ton	6.7			6.7		6.7	
馬達 Servo Motor	hp	25 + 7.5			30 + 15		75+15	
電熱容量 Heater Capacity	kW	5			2		8	
油箱容量 Oil Tank Capacity	L	200			400		1200	
機械重量 Machine Weight	ton	3			4.3		18	
機械尺寸 Machine Size (L×W×H)	mm	4200x1400x2000			5100x1400x2100		8200x1400x2500	

*Specifications are subject to change without prior notice.
 *Special specification ordering is acceptable.

工廠全景
FACTORY FULL VIEW



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