



HN-U SERIES

電木射出機

Thermosetting Injection Molding Machine

優異特點 Specific Features



- **新式調模機構**

調模機構與調模壁採整體式設計，使四支大柱受力均勻，鎖模力調整簡易準確。

- **New Mold Adjusting Mechanism**

The new mold adjusting platen mechanism design doesn't require its mounted nut for torque tuning and distributes force evenly on the tie bars.



- **無給油軸承**

曲肘及車壁活動部位均採用無給油軸承，減少潤滑油使用，降低保養成本並可減少油污，提升機台清潔度。

- **Oil-less Bearing**

Oil-less bearing on the moving parts of platen and toggle, greatly reduces maintenance cost, and provides for a cleaner production environment.



- **自動潤滑系統**

循環式電動注油系統，油量分配平均，潤滑效率高，增長曲肘壽命。

- **Automatic Lubrication System**

An automatic lubrication system circulates and distributes oil equally for greater efficiency in lubrication and enhanced toggle life.



- **全新網路型微電腦控制器**

全新網路型控制器，可搭配半閉及全閉路油壓系統，並具備人性化圖形操作界面、線上曲線監測功能及中央網路連線管理。

- **All-new Control System**

The new control system is capable of producing under semi-closed and closed-loop systems, a personalized graphic operation interface, and production data management via centralized web link.



- **新式專利射移結構**

新型導柱式結構，跨距縮短，避免料管前傾及導柱下垂變形。使用二硫化鉬塗佈襯套，阻力小，移動快速，且永久免潤滑，潔淨度高。

- **New Patented Injection Sliding Structure**

The new pillar guiding plate structure is shortened to avoid barrel inclination and deformation. And with Molybdenum Disulfide coated bushings, it produces a less resistant, faster moving, very clean, oil-free injection sliding structure.



- **高剛性機架結構**

精簡堅固之設計，經有限元素分析變形量及應力分佈，確保機架結構及強度達到最佳化，使HN系列機種「穩如泰山」。

- **Highly Rigid Structure Frame**

Designed based on Finite Element Analysis (FEA) for Stress and Strain effects to ensure the HN's excellent frame structure.

- **高效節能的伺服動力系統**

配置交流永磁同步高性能的伺服電機，實現系統壓力和流量閉環控制，可節能約30-70%。

- **High Efficiency Servo Power System**

Adopting AC / PM synchronous servo motor to achieve system pressure and close loop controlling, and save power about 30-70%.

標準及選購配備 Standard & Optional Accessories

配備項目	ITEM	HN-125U	HN-150U	HN-200U	HN-250U	HN-300U	HN-350U	HN-470U	HN-530U
C級雙合金螺桿	C-Bi-alloy Screw	●	●	●	●	●	●	●	●
開關模比例閥控制	Proportional valve for mould open and close	○	○	○	○	○	○	○	○
多段數位背壓(螢幕設定)	Multi-stage back pressure control (Screen set up)	○	○	○	○	○	○	○	○
多段數位背壓(螢幕設定及顯示)	Multi-stage back pressure control (Screen set up and display)	○	○	○	○	○	○	○	○
射出電阻尺	L/P for injection unit	●	●	●	●	●	●	●	●
模壁T型槽	T-slot platen	—	—	—	●	●	●	●	●
模壁T型墊板	T-slot board	○	○	○	—	—	—	—	—
隔熱墊板	Insulator sheets	●	●	●	●	●	●	●	●
模定位圈	Check ring of mold	●	●	●	●	●	●	●	●
曲肘電動注油器	Auto lubrication system for toggle	●	●	●	●	●	●	●	●
車壁潤滑：電動注油器	Auto lubrication system (platen)	●	●	●	●	●	●	●	●
雙中子	Double core pull device	○	○	○	○	○	○	○	●
單中子(一公)	Single core pull device	●	●	●	●	●	●	●	—
計時(次)轉牙	Unscrew device by counter or timer	○	○	○	○	○	○	○	○
夾模電阻尺	L/P for clamping unit	●	●	●	●	●	●	●	●
頂出電阻尺	L/P for ejection unit	●	●	●	●	●	●	●	●
單風托(一公一母)	Air ejector sets	○	○	○	○	○	○	●	●
機架架高(落下口取物)	High base	—	—	—	—	—	—	—	—
成品落下口	Article Collecting Channel	●	●	●	●	●	●	●	—
電動安全門	Automatic safety gate (Electric type)	—	—	—	—	—	—	—	●
水流分佈器4入4出(銅製)	Water manifold-4 in & 4 out (copper)	●	●	●	●	●	—	—	—
水流分佈器10入10出(銅製)	Water manifold-10 in & 10 out (copper)	○	○	○	○	○	○	○	●
自封式磁性吸油過濾器	With check valve magnetic suction filter	—	—	—	—	—	—	●	●
雙迴路(開模與托模同動)	Double loops system (mould open-ejector start)	○	○	○	○	○	○	○	○
油溫顯示	Oil temperature display for hydraulic system	●	●	●	●	●	●	●	●
伺服節能系統	Servo power-saving system	●	●	●	●	●	●	●	●
電眼檢出	Photo cell drop-out checking device	○	○	○	○	○	○	○	—
FCS-6510S微電腦控制器(彩色)	FCS-6510S controller (color screen)	●	●	●	●	●	●	●	●
資料保護鎖(硬體鎖)	Data lock function (key)	●	●	●	●	●	●	●	●
電控穩壓器	Power stabilizer	○	○	○	○	○	○	○	○
三色警示燈	Three colors alam light	●	●	●	●	●	●	●	●
CE安全插座	CE safty sockt	●	●	●	●	●	●	●	●
電源插座	Power socket (110V/220V)	○	○	○	○	○	○	○	○
主電源斷路器	Main power breaker	●	●	●	●	●	●	●	●
油壓、電氣雙重保護裝置	Dual safty device : hydraulic and electrical	●	●	●	●	●	●	●	●
不鏽鋼漏斗	Stainless hopper	▲	▲	▲	▲	▲	▲	▲	—
乾燥機	Hopper dryer	○	○	○	○	○	○	○	○
抽料機	Auto loader	○	○	○	○	○	○	○	○
模溫機	Mold temperature controller	○	○	○	○	○	○	○	○
乾燥機磁鐵	Magnet for hopper dryer	○	○	○	○	○	○	○	○
吊桿組	Mold lifting hanger set	○	○	○	—	—	—	—	—
避震器	Anti-vibration mounting pad	●	●	●	●	●	●	●	●
填料台	Filling material stand	—	—	—	—	—	—	—	—
工具箱組	Tool box set	●	●	●	●	●	●	●	●
電器及其他附件	Accessory for electrical and others	●	●	●	●	●	●	●	●

● 標準配備 Standard ○ 選購配備 Option ▲ 選附配備 Free Option — 無 N/A

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