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# KE 油電混合注塑機

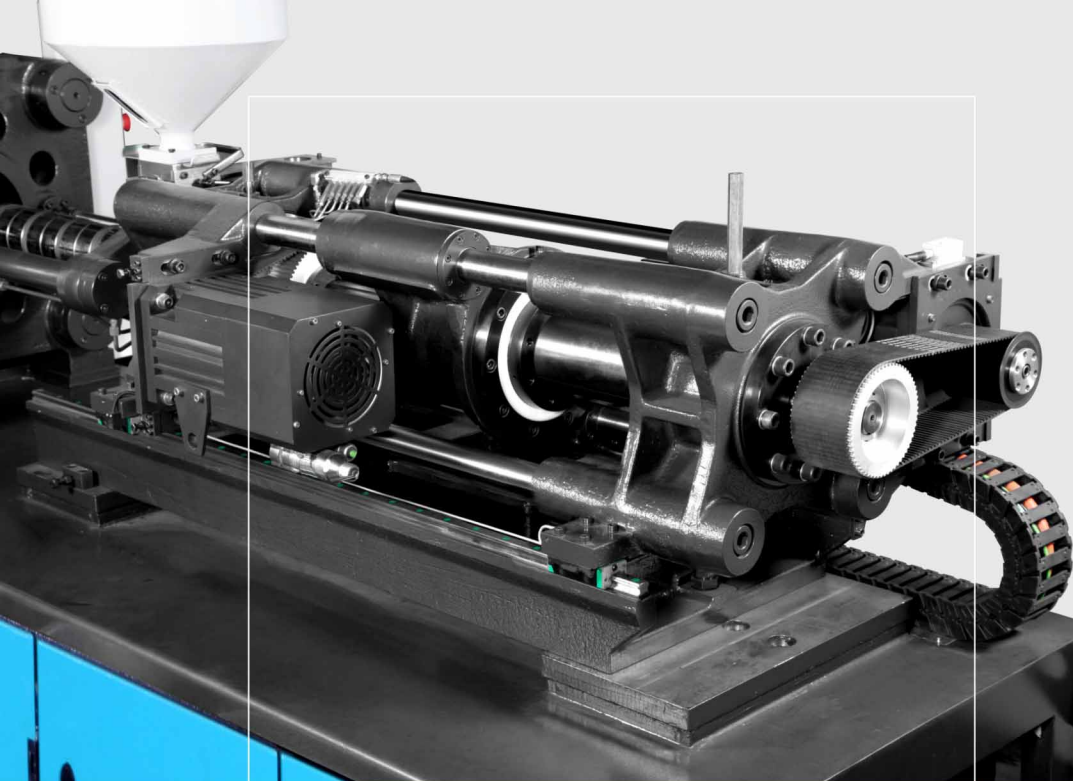
HYBRID INJECTION MOULDING MACHINE SERIES



環保節能 / 動作同步的高效方案  
Energy Saving / High Efficiency Synchronized Motion Solution

最高射速達  
Max Theoretical Injection Speed  
400mm/sec

EcoPow ET235



实现高塑化质量和效率、高响应动作，  
高刚性注射结构。

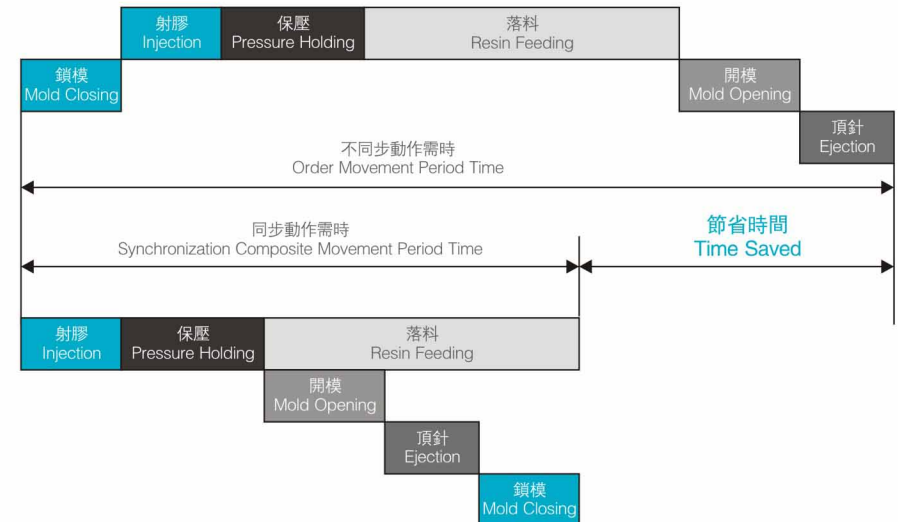
最高射速達: 400mm/sec

High Plasticizing Quality, Fast Reaction,  
High Rigidity Injection Unit Structure.

Max Theoretical Injection Speed:  
400mm/sec

## KE 同步動作/縮短周期

KE Synchronized Movement / Reduced Cycle Time



射膠採用高響應AC伺服馬達，加上熔膠伺服馬達與射膠動板  
採用分離式設計，射膠動作平穩、控制精度精確。

The highly responsive AC servo motor and the isolated design  
concept of plasticizing motor and injection moveable platen are  
used in the injection system to allow stable and high precision  
control of injection motion.

熔膠採用高響應AC伺服馬達。  
熔膠動作平穩、控制精度精確。

The highly responsive AC servo motor is used in the plasticizing  
system to allow stable and high precision control of plasticizing  
process.

射膠動板與導柱採用綫性軸承運動副。

The use of linear bearing bushes minimizes friction between  
injection moving parts and guide rods.

兩組移臺油缸對稱配置，加上油的柔性，  
有效防止射咀漏膠現象。

The symmetrical installation of two hydraulic cylinders prevents  
nozzle leakage.





機鉸優化設計，優化速度曲線，實現快速開合模。鎖模機鉸部分，所有鉸接部位設計有高强度合金鋼套，有效保證運動精度和提高使用壽命。

Enhanced toggle design to achieve optimal mould open and close speed.

High strength steel bushings are used in the toggle system to achieve high precision and prolong machine life.

差動鎖模油路設計，提高開合模速度，減少開合模時間。

The differential hydraulic circuit design to increase mould open and close speed and therefore shorten cycle time.

模板采用箱型結構，應用有限元受力分析設計，加上高拉力合金鋼粗壯哥林柱，提供鎖模系統足夠剛性。

The box-shaped design of mould platens and the high tensile tie bars allow high rigidity clamping performance.



開合模行程大、熔模量大。

Large mould height accommodation and space between tie bars



12" 的真彩觸摸屏控制。掃描周期不超過1ms。

主機控制器和伺服系統之間采用CANopen方式通訊，實現數據的高速傳輸，提高抗幹擾能力。

鎖模電子尺，驅動器，溫度控制全部采用總綫連接，使信號傳輸更快，更穩定，控制精度更高。

用電量自動監測功能，監測到每一模產品的耗電量。可以查詢一個月的用電情況。

安全模塊、鎖模安全閥確保鎖模安全。

伺服泵節能動力系統，節能效果高達70%。

12 inch colored LCD monitor and controller scanning cycle time below 1ms.

The CANopen communication protocol is used between main controller and servo system to achieve high speed, low interference of data transfer.

Bus interfacing of mould clamp potentiometer, driver and temperature control to achieve high speed, high stability and high precision control of data transfer.

The automatic power consumption function allows monitoring of power consumption of each operation. The power consumption data can be traced back to one month.

The safety module and hydraulic safety valve ensures safety during mould clamp.

The servo pump system saves up to 70% energy.





官方微信公众号

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