ENERGY SAVING AND HIGH PRECISION SERVO INJECTION MOLDING MACHINE POTENZA- II Series
POTENZA-II Series
ENERGY SAVING AND HIGH PRECISION SERVO INJECTION MOLDING MACHINE

The LK-POTENZA-II energy-saving servo injection molding machine, which is the most advanced energy-saving control technology, offers this series of injection molding machine with numerous advantages such as extremely power saving, responsive, accurate, stable, etc. The world-class technology plays an important role in promoting industrial upgrading and transformation.

- Hydraulically unit applied Europe/Japan imported oil valve with advanced seals to reduce piping and prevent leakage.
- Worldwide brand, powerful hydraulic motor offer higher torque and performance.
- World-famous import fast and reliable gear type mold height adjustment mechanism.
- The compact injection unit is driven by a hydraulic system, which is user-friendly and easy to maintain.
- Centralized automatic toggle lubrication system ensures fixed volume of lubricant deliver to each moving joint with adjustable cycle time, which increases the lifetime and reduces maintenance.

- Various control interfaces, high-response, easy to control.
- Automatic high-speed precision control.
伺服節能精密注塑機
Energy saving and precision servo injection molding machine

- 頂尖的電磁系統和人性化的操作界面，增強機器的監控性能和效率，備有S.P.C.生產數據統計頁面和標準化控制系統，使機器的高性能併存于一體。
- Equips with advanced computer system and user-friendly interface, which enhances mold data memory system and can show SPC production parameters. Closed loop control can be chosen which integrates high performance and easy operation features.
- 伺服系統與電機配搭，採用了獨特的流量調節器，以流量穩定，高產能著稱，具有節能型，體積小的特點，使用簡單、維護容易。
- Lightweight and small size precision oil filter driven by mechanical power, equipped with special flow regulator, which ensures the stability and pressure of the filter. Easy to install, operate and maintain.

- 液壓系統採用進口高精度電子尺，全數控精度可達±0.001mm。
- European linear transducer control for mold clamping. Injection and ejector action, stroke control up to 0.1mm accuracy.
力勤 POTENZA-II 參與能耗測試的機型及能耗等級

<table>
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<th>力勤 POTENZA-II 模型及能耗等級</th>
<th>PTII-80</th>
<th>PTII-130</th>
<th>PTII-250</th>
<th>PTII-560</th>
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<td><strong>數據項目</strong></td>
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測試條件：統一測試器具，統一測試要求，統一測試方法，統一測試模具
Test conditions: uniform measurement instrument, test requirement, test method and mold

| 工上試鈔機測試結果均在力勤 POTENZA-II 機器上測試

C. The energy saving and high precision injection molding machine, which is used the most advanced energy-saving control technology.

| 在65%的低壓力和低流量工作上，無飛行及

C. Controlling and impulsive phenomenon will not happen under low pressure and flow working status, high performance and stability.

| 高壓噴射系統的負荷和流量等級

The pressure and flow of variable system pump are controlled by proportional valve, the swash plate of the pump with response time around 0.1-0.15s. On the other hand, the pressure and flow of hydraulic system are controlled by hydraulic servo motor with high response time, which ensures optimal design and improve productivity efficiency.

| 高壓噴射系統的負荷和流量等級

High pressure speed control up to 1/1024 step accuracy as well as high precision position control for the servo system motor.
World class technology and precision engineering to shape the future