Potenza-II series

Energy Saving and High Precision
Servo Injection Molding Machine

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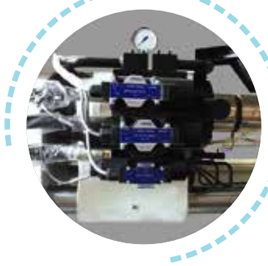
Energy Saving and High Precision Servo Injection Molding Machine

Potenza-II series

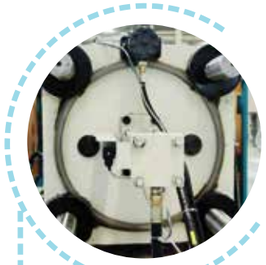
LK Potenza-II energy saving servo injection molding machine adopts the most advanced energy-saving control technology, which equips this injection molding machine series with numerous advantages such as ultra-low energy consumption, quick response, high accuracy and stability. The world-class technology plays an important role in promoting industrial upgrading and transformation.

- Lightweight and small size precision oil filter driven by mechanical power, equipped with special flow regulator which ensures stability and precision. It has the advantage of easy installation, operation and maintenance.

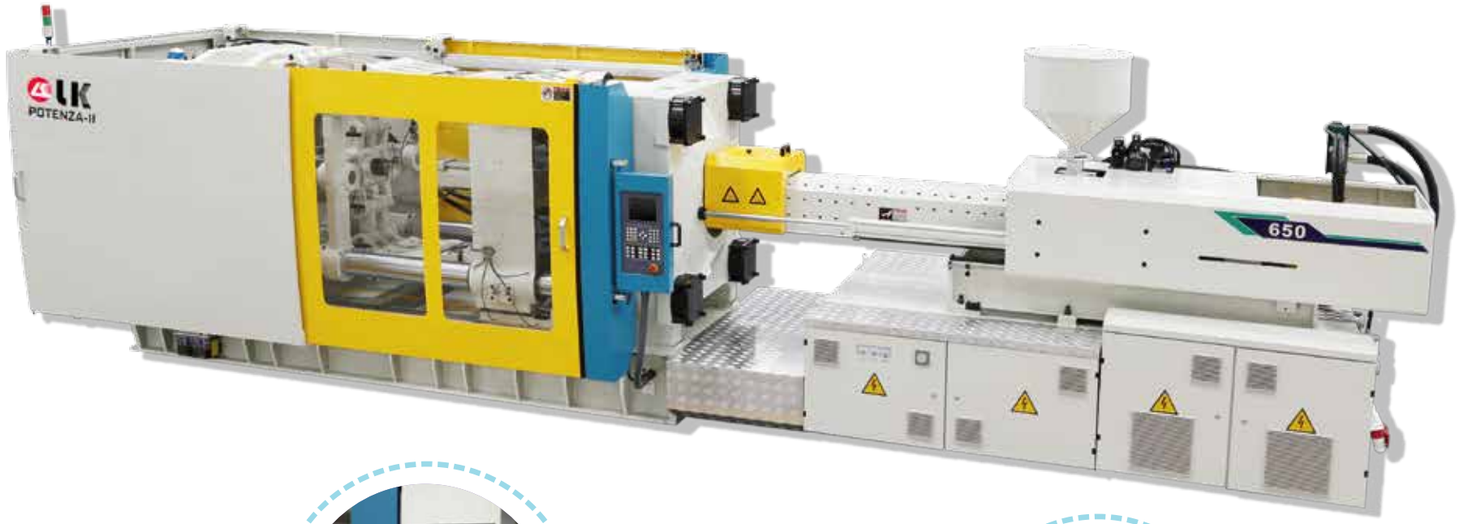
- The compact injection unit is driven by the hydraulic system which is user-friendly and easy to maintain.



- Imported hydraulic valves and hydraulic motor from Europe and Japan are applied to the hydraulic unit with advanced seals to reduce piping and prevent leakage.



- Gear type mold height adjustment mechanism motor imported from Europe and USA.



- The centralized automative toggle lubrication system ensures fixed amount of lubricant to be delivered to each moving joint with adjustable cycle time, which increases the lifetime and reduces maintenance.

- Equipped with advanced computer system and user-friendly interface, which enhances the mold data memory system and capable of showing SPC production parameters. Closed loop control can be chosen which integrates high perfor-mance and easy operation features.

- Servo system with closed-loop control, which adjusts the torque output depending on load requirements. The system is capable of running at low pressure with high torque, faster acceleration/deceleration time, stable speed control and designated stop function.

- European linear transducer control for mold-clamping, injection and ejector action; stroke control capable of achieving up to 0.1mm accuracy.