

LKIMM



LENA SERIES
HIGH PRECISION DIRECT
HYDRAULIC INJECTION MOLDING MACHINE

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LK INJECTION MOLDING MACHINE

LENA SERIES

High Precision Direct Hydraulic Injection Molding Machine

Application industry: high-end applications such as electronics, packaging, toys, etc.

LENA direct hydraulic servo injection molding machine with the advantages of high injection pressure, high injection velocity, high response, which is suitable for molding the products with high precision and stable size requirements such as packaging products, medical thin wall products, tablet computer, mobile phone and computer plastic accessories etc. LENA series provides different configuration and high quality, is the best choice for customer to produce various products.



150-200mm/s

Injection speed

Robust clamping unit

- Top-notch direct hydraulic clamping
- High pressure cylinder internal oil circulating circuit
- Fast response and energy saving
- Highly integrated hydraulic clamping structure and sealing technology

Ingenious control

- Proportional clamping control
- Back pressure proportional control
- KEBA 12" PLC with LCD touch screen panel
- Linear transducer for injection position, carriage position, mold platen position and ejector position

Hydraulic System

- European high efficiency servo pump technology

Single cylinder injection system

- High injection precision
- Low inertia with fast response
- Optimal injection speed for thin-wall applications between 150 -200 mm/s
- Electric metering for shorter cycle time and lower energy consumption (optional)

Non-contact tie bars and swift platen movement

- Tie bars have zero wear with unparalleled service life
- Low friction, fast response platen support by linear guideway
- Generous distance between tie bars and daylight to fit bigger molds