LKIMM

LK INJECTION MOLDING MACHINE CO.,LTD.

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LKIMM

FORZA SERIES

TWO-PLATEN ENERGY-SAVING SERVO INJECTION MOLDING MACHINE

LK INJECTION MOLDING MACHINE

200000+

Total sales volume

LK, strives for your success

LKIMM

GROUP PROFILE

LK Group was founded in 1979 in Hong Kong. In 2006, it was listed in Hong Kong Stock Exchange and ranked in the Top 500 China machinery manufacturing enterprises .

As one of the three major businesses of the Group, the core products of injection molding machine are: double/multi-color injection molding machine, precisie three platen injection molding machine, large two platen injection molding machine, all-electric injection molding machine and customized injection molding machine. The maximum clamping force of the two platen injection molding machine could reach 7000T, which makes LK the industrial leader of the giga injection molding machine.

Two intelligent production bases in Zhejiang Ningbo and Guangdong Zhongshan make annual output reach 10,000 sets of machines.

FORZA SERIES

Two-platen Energy-saving Servo Injection Molding Machine

Application industry: automotive parts, home appliances, sanitation buckets, pallets, pipe fittings, etc.

4500-70,000KN

Clamping force

CLAMPING UNIT

Short stroke cylinder

High clamping force, Short pressure build-up time
Minimize energy consumption

Fast-moving cylinder

Arrange diagonally to allow, maximum access to the mold area

Non-contact tie bars with the moving platen

Excellent mold protection, Frictionless
Minimal contamination on molding area
Tried and trusted system

Strong cast iron platen

Excellent rigidity, Fast dry cycle time
Ejector free access from outside

Synchronized locking

Quick and precise, Short locking time

Linear guideway

Perfect platen support,
Precise mold guidance and platen parallelism
Energy-efficient mold movement

INJECTION UNIT

Ergonomics

Comfort, efficiency, safety machine design
Less footprint

Screw and barrel

Various design for different applications to optimize quality

Proven plasticizing system

Maximum reproducibility and homogeneous melt

Electric metering

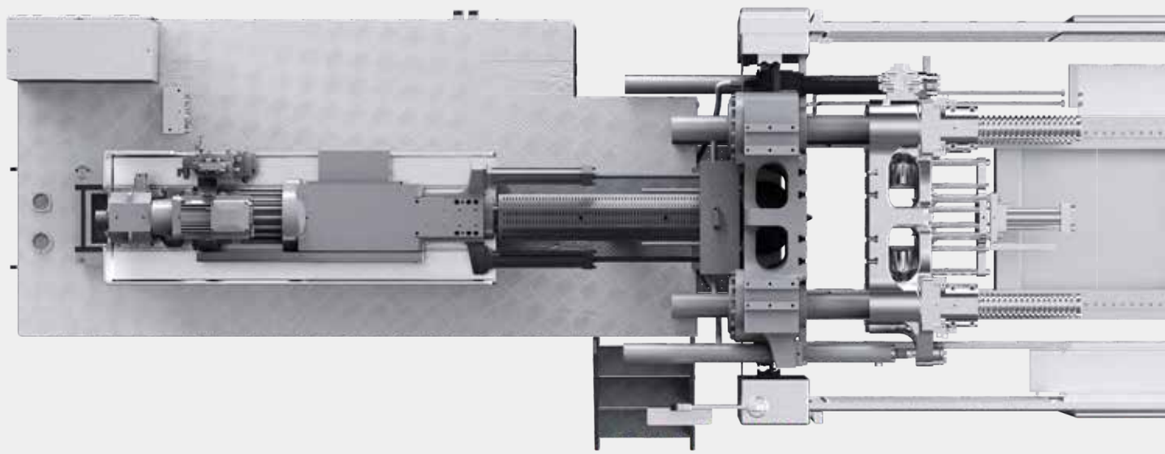
High plasticizing perfermance to reduce total cycle time,
ideal for efficient results

Versatile drive technology

Excellent acceleration of movements
Flexible selection optimized for different requirements

Flexibility through modularity

Multiple combination on clamping,
injection and drive unit



APPLICATION

A versatile and efficient solution for large parts

Lk's two-platen energy-saving servo machine Forza combined the design of machine operating, hydraulic and control all-in-one. The compact Forza two-platen injection molding machine will let you enjoy the freedom of small footprint, multi-functional process capability, tons of application-orientated add-on modules which sophisticated processors are seeking.

It performs flexible and modular machine clamping and injection matrix including plug and play modules perfect for diverse markets and applications. Thanks to servo pump technology to large tonnage two-platen platforms, resulting in excellent cycle time in a tremendous energy-saving.

With its flexible and compact size, the Forza integrates ideally with your production process, whether you produce large products, or manufacture highly sophisticated, high tech components for the automotive industry, it is going to be your best choice.

LK - Ahead of the curve

The future of injection molding machine is incentive and challenging, thanks to the advanced of technology and the continual development of better material. LK aim to offer unique advantages and benefits for specific applications. Hence, we are constantly working to develop new-technology together with you. With the benefit of that, you can achieve the goals of cost-effective solution for efficient manufacturing, perfect surfaces and material combinations.

- Improved, light-weight materials and automated systems are reducing costs and streamlining processes.
- Customization features are allowing us to utilize precision technology to create quality pieces to exact specifications.
- Increased awareness of climate change and other environmental factors will continue to drive demand for more eco-friendly materials, such as recycled, reclaimed and renewable plastics.



Automotive industry



Home appliance industry



Large containers, trash cans



Logistics industry