



L.K. Advantages

Latest Technology - we have optional systems which we can integrate into every machine we build for you.

Advantages:

- Monitoring Software - Our Closed Loop Control and Monitoring System includes an industrial PC and a dual servo axis controller for closed loop control of the proportional shot valve
- Shot System - Our high performance shot system is capable of rapid transitions using modified hydraulic circuit and a servo-pilot valve

Super Stiff Platens – our cast platens have a deep profile making them stiffer than other platen designs.

Advantages:

- Better for your Die
- Fewer problems with parting line issues due to warping of the platen
- Tie bars don't break

Fast & Smooth Proportional Closing System – Manage both pressure and flow rates over the full closing stroke, optimizing cycle time.

Advantages:

- Again, better for your die, avoid damaging contact with the cover die
- Shorter Cycle Times, adjust the speed and pressure to optimize your process
- Smooth transitions between fast and slower approach speeds, eliminating damaging movement of the whole machine

Higher Performance Shot Systems – Higher operating pressures produce better results!

Advantages:

- More shot power, when you need it
- Faster responding, high pressure hydraulics have a higher natural frequency
- Lower impact at the end-of-shot – less moving mass to stop
- Options for:
 - ☑ Parabolic Shot Acceleration,
 - ☑ Controlled End-of-Shot Braking, and
 - ☑ Closed Loop Controls
 - ☑ 400 ips Mg Shot System

Robust Construction – Built using the best components from around the world

Advantages:

- Heavy duty linkage system
- A-B controls, Vickers pumps, Parker hydraulics
- Stainless steel, electric motor driven safety doors, and more.....