

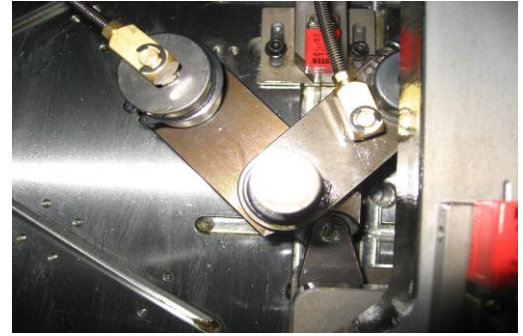
ANGELCAST

Multi-slide Die Casting Machine User Manual



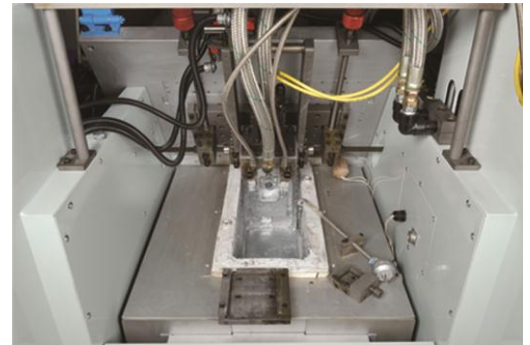
INTRODUCTION

T-SOK Co. Ltd. specializes in the development and production of multi-slide die casting machine. T-SOK overthrows the traditional production cycle by providing the die casting industry with more competitive equipments. With continuous improvement as our mission, and first-class customer service as our goal, we are constantly improving and developing new molding technology, as well as providing our clients ongoing training and service, all but to exceed clients' die casting needs.



Toggle System

Angelcast multi-slide die casting machine series are all designed and developed in-house. From the design phase, parts production, hydraulic circuits, electronics, programming, to the final installation, is all done by our own crew. Currently, with the fourth generation multi-slide die casting machine, it is able to acquire CE Mark and received its patent approval in 2004.



Furnace

Characteristics of Angelcast multi-slide die casting machine:

I · Evolutionary multi-slide design, mold design diversity, wide selection of mold parting gates (2-6 gates), the core can be removed from any angle and direction, surpass traditional mold limitations, reduce secondary operations.

II · High mold precision (0.005mm), suitable for high precision and high complexity parts production. Standardized mold to reduce mold production cost.

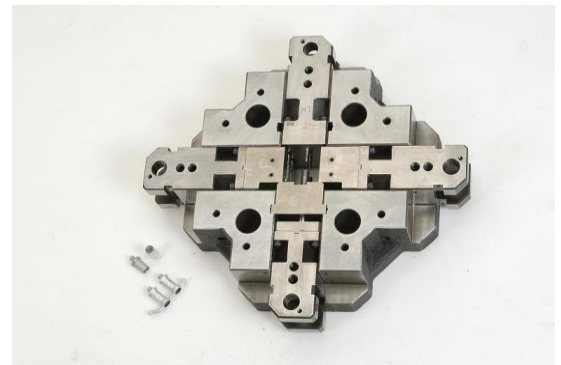
III · Unique parting line die casting method, eliminates the need of sprue; in return, reduction of material over 50%.

IV · High speed production, superior production cycle, can produce up to 35 parts per minute. Easy die changeover in 15 minutes.

V · Fully hydraulic design, highly consistent part quality, constant injection pressure, good parts density, and superior surface finish.

VI · Easy maintenance, as a result cost reduction.

VII · User-friendly design and controls, suitable for non-professionals. Forget about the traditional hot and oily environment, clean working environment, improve staff's output.



Mold



Hydraulic System

