



Energy Saving Series



VARIABLE STROKE PUMP

It fulfills the purpose of energy-saving through matching the pump output pressure and flow with the pressure and flow that are required by the machine running. According to different processed products, can achieve 28% ~40% of the energy saving effect. Energy-saving plunger injection machine equipped by the variable displacement pump adopts the closed-loop variable stroke pump. When the system is at work, the internal pressure of the pump and the position sensor hold the on-line detection, comparison and revision to the output pressure and flow. As a result, the system attains the closed-loop control to the output pressure and flow. At the same time of the energy-saving, it also guarantees the high repeatability accuracy and stability of the mold all frame.



MOLD LOCKING UNIT

Parameter Optimization of a computer, for complete using the finite element analysis, with ultra-low voltage sensitive mold protection function, all that mechanical, electrical safety security.



HST SERVO ENERGY -SAVING INJECTION MOLDING MACHINES

HST series machines having advantages of other Hysteres machines, are loading with high performance servo motor. Its delivered power rises with loading power without any excess energy waste. During pressure maintaining period, servo motor consumes little energy for keeping speed of mold while no work in cooling time. Compared with average injection machines, servo motor machines can have 50%-60% energy-saving. Good service ratio with servo motor.



CLAMPING UNIT

Auto-mode, switch to a different mold, through the parameter settings to achieve automatic adjustment of clamping force.



HYDRAULIC UNIT

It employs the imported hydraulic elements and components, uses the proportional pressure, proportional flow means, offers low fluid dynamic force.



INJECTION UNIT

High torque hydraulic motor-driven screw rotation, variable speed, durable.



Note :

Due to keeping innovation, the specification and Machine pictures or color are subject to alteration without notice!

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