Description | Specification | Application

SPECIFICATION		HTW110			
		A	B	C	D
INJECTION UNIT					
Screw diameter	mm	32	35	38	42
Screw L/D ratio	L/D	24.1	22	20.2	18.4
Shot volume(theoretical)	cm3	137	163	192	235
Injection weight(ps)	g	125	148	175	213
Injection rate	g/s	74	89	105	128.1
Injection pressure	Mpa	260	219	186	152
Screw pressure	rpm	210			
CLAMPING UNIT					
Clamping force	kN	1100			
Open stroke	mm	350			
Space between tie bars(W×H)	mm	360×360			
Max.Mold height	mm	380			
Min.Mold height	mm	150			
Ejector stroke	mm	100			
Ejector force	kN	38			
OTHERS					
Max.Pump pressure	MPa	16			
Pump motor power	kW	13			
Heating power	kW	8.2			
Machine dimension(L×W×H)	m	4.15×1.12×190			
Oiltank cubage	L	180			
Machine weight	t	3.4			



KAHAKAI

KAHAKAI

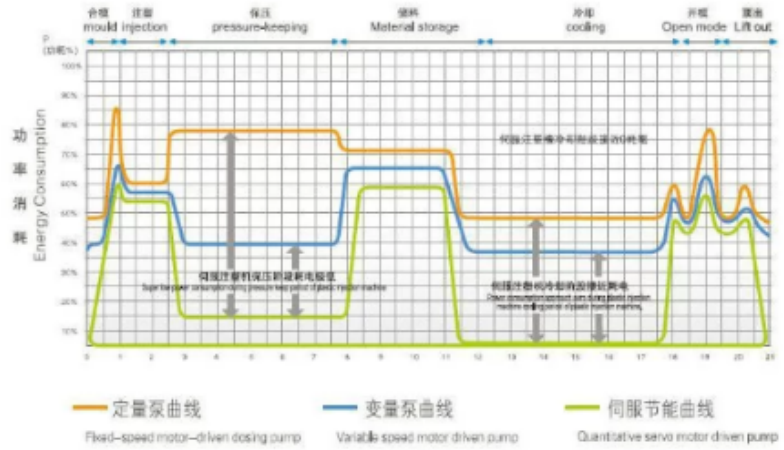
Description	Specification	Application

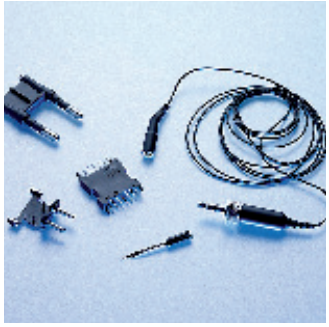
• Characteristics:

HTW/JD servo energy saving Injection Molding Machine, equipped with high performance servo motor controlling system, the machine's output power can vary in accordance with the loading changes, which reduce energy consumption and noise. The motor rotates at lower speed in holding pressure stage, an doesn't work in cooling time.

• Performance:

- Servo motor can optimize the match of energy demand and realize automatic adjustments.
- It can improve injection precision.
- It can greatly save power and water, resulting in environment-protection and energy-saving.
- Quick response and low noise.





• Electronic control system

All-digital control system uses dedicated controller, multiple CPU processing division, a multi-functional automatic fault detection, alarm system, certificates 99 mold of processing procedures, with remote control interface. System is of high stability and responsiveness. System uses color LCD, man made interface for easy operation and with a number of peripheral interfaces.

Features

- A variety of text can be switched.
- Manual, semi-automatic and fully automatic mode.
- To provide EUROMAP robot interface.
- Automatic movement monitoring with alarm and fault diagnosis.
- Function of slope setting can set the start and stop of movements, so as ensure the smooth movement

• Hydraulic system

Advanced hydraulic system design, through proportional control of pressure, flow achieves rapid multi-level pressure, speed switching, the system configuration is reasonable, stable and reliable. The noise is less than 75 dB. The medium and large machine adopts a two way cartridge inserted valve system to improve the system of flow and speed of response, and makes the whole machine reach the best performance.

Features

Fast Response, Stable Output

-The manual plug valve hydraulic system make the machine having quick and smooth motion response.
-Double proportional valve control pressure and flow.
-Hydraulic oil cooling device
-High-performance imported hydraulic unit with optimizing allocation.
-The fuel tank has a big opening hole so can be cleaned easily.

• Clamping System

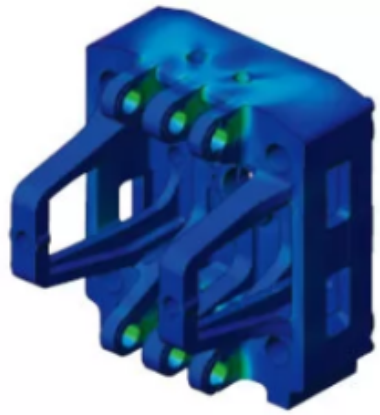
Core/screw control

Flexible core programming control, an independent hydraulic pump statiion to provide power.

KAHAKAI

Features

- Security doors fitted with hydraulic, mechanical and electrical interlocking triple safety device. When the safety door is open, the machine cannot clamp.
- Low pressure mold protection device to prevent damage to platen.
- Plywood, frame, the bridge, and the template attached structure, the finite element analysis.
- Hydraulic ejector, adjustable stroke, and top speed of ejector in and out, for multiple actions.
- Flexible tie bars nut eliminates fatigue fracture; assure the working life of tie bars
- Automatic adjustment. The replacement of different mold, the parameters set by clamping force to achieve the automatic adjustment.
- High-precision electronic detection device, multi-stage control of opening stoke, speed and location, location accuracy.



• Injection system

2005, diversified screw optimal design municipal science and technology research projects focus on key issues is completed, and is now designed professionally and
production for a whole variety of raw material. the diversity of the screw is for your option