

4.MAIN COMPONENTS:

Item	Setting
1. Hydraulic system	Oil pump : Duplex vane pump
	Hydraulic valve : KEET(SINO-JAPAN JOINT)
	Proportional valve : KEET(SINO-JAPAN JOINT)
	Oil pressure control : double proportional pressure control
2. Electrical system	1. PLC: Mitsubishi(JAPAN)
	2. Touch screen : Xinje(CHINA well known brand)
	4. Inverter : EURA (SINO-JAPAN JOINT)
	6. Time relay : CHNT(CHINA well known brand)
	7. Proximity switch: (CHINA well known brand)
	8. Control switch : CHNT(CHINA)
	9. Breaker: CHNT(CHINA well known brand)
3. Clamping unit	Mode: Bi-directional synchronous structure to clamp the mould Driving mode : differential fast mould motion with double pulling rods
4. Die	Runner : first-in first-out
5.Extruder	Driving mode : frequency control
	Reducer gearbox : hard surface gear of alloy-steel
	Material of barrel & screw : fine quality nitride steel 38CrMoAl
	Screw head : plate abrasive-resistant alloy Heater : cast aluminium heater

5. TECHNICAL DATA

Parameter	Unit	QJ100B
Material	/	PP,PE etc
Max. Product Volume	L	120
Productive Capacity	pcs/hr	200-280
Die Number	set	1
Clamping force	KN	500
platen opening stroke	mm	500-1400
platen size	mm	1020*1060
Max mould size	mm	800*1260
Mould thickness	mm	350-700
Accumulator capacity	L	12
Heating Zone Number	Part	7
Die diameter	mm	450
Injection pressure	Mpa	8
Screw diameter	mm	100
Screw L/D ratio	L/D	20:1
Plasticising Capacity	Kg/hr	130
Screw rotation rate	r/min	10-86
Voltage/ Frequency	V/ HZ	220-380/50-60
Driving Power	KW	90
Heating Power	KW	60
Average Power	KW	50
Compressed Air Required	Mpa	0.7
Dimension	m	5.4*2.5*3.8
Weight	Ton	17

6.SPARE PARTS(FOR FREE)

PHOTO	Name	Quantity/ piece
	Heating coil	6
	Small sized Control switch	2
	Hydraulic cylinder seals	2pcs each type
	Proximity Switch	2
	Control switch	2
	Hydraulic Pipe	1
	Temperature controller	1
	Electric Heating	2
	Relay	2
	Tools	1