

QJ-80B extrusion blow molding machine (Single die head& Single station)

No.	Item	Specs
1	QJ-80B extrusion blow molding machine	For Max 25L PP,PE bottles
2	20L blowing mould	1 cavity

MACHINE INTRODUCTION

I. General introduction

GENERAL INTRODUCTION

QJ80B-QJ120B Extrusion Blow Molding Machine is applied to produce hollow containers for medicine, foodstuff, beverage, automobile parts, household appliance and daily necessities. It is suitable for many materials, including PE, PP etc. The control system adopts closed loop control which has high quality, the lifetime is more than 10 years, and hydraulic system is pressure-flow double proportional control equipped with variable plunger pump to ensure fast and smooth operation of the machine and energy consumption of the hydraulic system can be reduced by 30% or above, saving considerable electricity.

FEATURE:

1. Adopt high-speed design, reasonable structure.
2. Use automatic frequency changing equipment, work steadily, 30% electricity saved
3. Durable and less noise, lifetime is about 10 years

Note :

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

II. Technical features

Specification	Parameters	QJ-80B
Material		PE、PP、
Max. container capacity	L	30
Number of die	set	1
Output	pcs/hr	60-80
Machine Dimension	m	3.82*1.4*2.6
Total weight	ton	7
Clamping force	KN	210
platen opening stroke	mm	250-700
platen size	mm	750×600
Max mould size	mm	560*630
Mould thickness	mm	250-350
Screw diameter	mm	80
Screw L/D ratio	L/D	20:1
Extruding Volume	Kg/hr	90
Number of heating zone	zone	7
Accumulator Capacity	L	4,5
Voltage/Frequency	V/Hz	220-380/50-60
Driving power	KW	50
Height power	KW	35
Average power	KW	32
Compressed air required	Mpa	0,7



III. Machine configuration

Item	Setting
1. Hydraulic system	Oil pump: Duplex vane pump KEET(SINO-JAPAN JOINT)
	Hydraulic valve: KEET(SINO-JAPAN JOINT)
	Proportional valve: KEET(SINO-JAPAN JOINT)
	Proportional valve: KEET(SINO-JAPAN JOINT)
2. Electrical system	1. PLC: Mitsubishi(JAPAN)
	2. Touch screen: Mitsubishi(JAPAN)
	4. Inverter: EURA (SINO-JAPAN JOINT)
	6. Time relay: CHNT(CHINA)
	7. Proximity switch: CHNT(CHINA)
	8. AC Conductor: EURA (SINO-JAPAN JOINT)
3. Clamping unit	9. Control switch: CHNT(CHINA)
	10. Breaker: CHNT(CHINA)
4. Die	Mode: Bi-directional synchronous structure to clamp the mould
	Driving mode: differential fast mould motion with double pulling rods to assure large container volume
5. Extruder	Structure: with accumulator head
	Runner: first-in first-out
	Material of runner parts: 38CrMoAlA; 42CrMo
	Driving mode: frequency control
	Reducer gearbox: hard surface gear of alloy-steel
6. Pneumatic parts	Material of barrel & screw: fine quality nitride steel 38CrMoAlA
	Screw head: plate abrasive-resistant alloy
	Heater: cast aluminum heater
	Main valves: AIRTAC (TAIWAN)