



BOCHENG
MACHINERY CO.,LTD.
瑞安市博诚机械有限公司

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BC-H750/H850 Hydraulic Plastic Molding Machine



Technical Parameters&Quotation

Name	Hydraulic Plastic Molding Machine	
Model	BC-H750	BC-H850
Price	<i>Contact me on +86 18858767170(wechat/whatsapp)</i>	
Packing	First wrapped by film, then in export wooden boxes, then in container.	
Payment Term	T/T, 30% pay in advance, the balance should pay before delivery.	
Delivery Time	45 Working days after deposit and drawing confirmed.	
Installation	The seller will for certain dispatch the technician to your country for installation, commissioning, adjusting the machine and training the workers in your plant. However the buyer should take on all costs required during our technician's stay in the buyer's country, round airplane tickets, accommodation, foods. The technician's salary will be paid by us within a week. If more than a week, the technician's salary will be paid by customers. It takes customers 120USD/Day.	
Guaranty Terms	We seller guarantee the machines are new (or unused) and the guarantee period will be given twelve months which starts from the date of the machine's arrival. During this period, the seller will provide free maintenance and free spare parts that caused by the machine's quality, but the buyer must pay the round trip tickets and accommodation expenses for seller's technicians.	



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Product application

This machine through the sheet conveying, heating, blowing, molding, slitting process to produce plastic products. Including disposable plastic cups, plastic bowls, lunch boxes, milk tea cups, yogurt cups, jelly cups, fruit boxes, cup LIDS, bowl LIDS, etc., widely used.



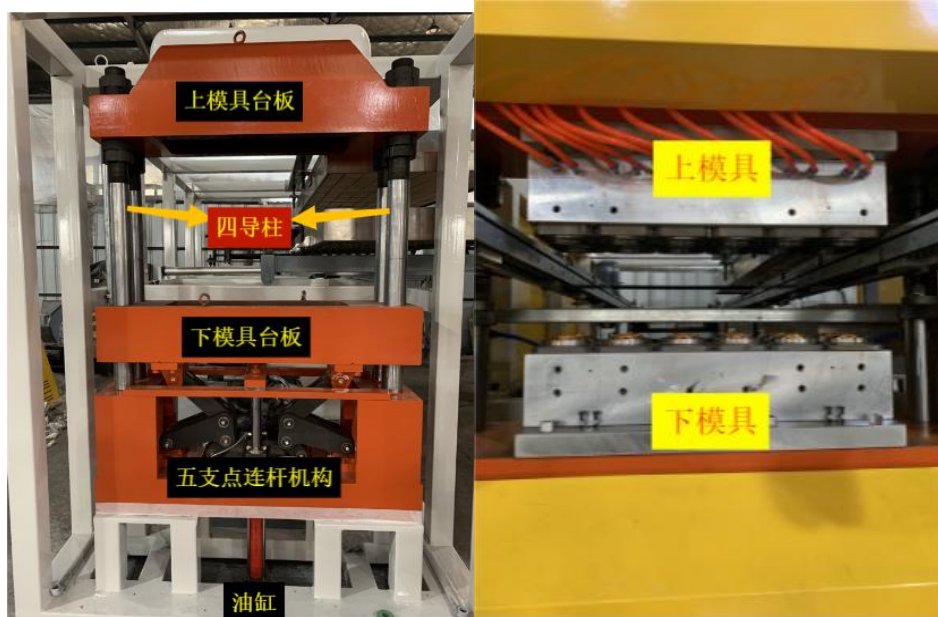
Machine introduction

1. Forming and cutting system. The working die table adopts column oriented positioning, which can play the role of stability and balance force. The drawing of the die is driven by servo, and the drawing of the four-guide rod is adopted. The principle of five fulcrum rod is adopted under the die. The hydraulic cylinder thrust makes the die lift and drives the die to run smoothly up and down. The operation distribution is: rising - forming - cutting - falling - demoulding.

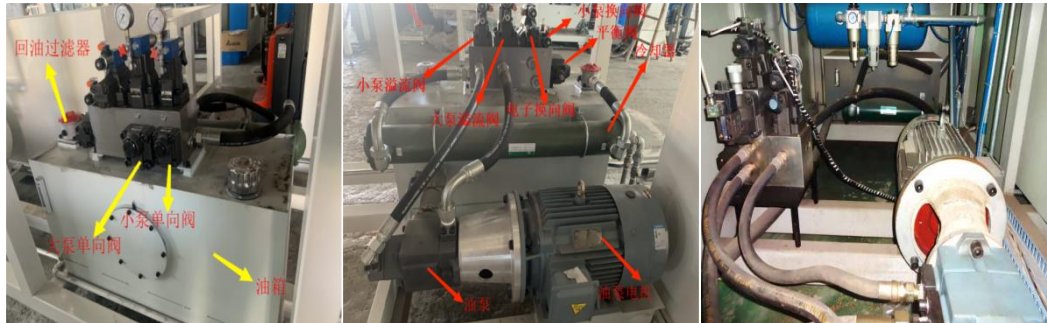


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2. Hydraulic drive system. The hydraulic drive has strong stability, providing sufficient working speed and steady point impact pressure for the whole forming and cutting action.

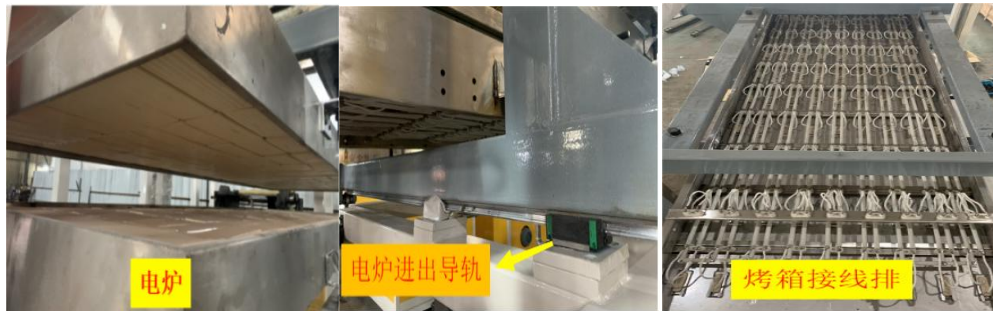


3. Heating system. It is divided into upper furnace (10 zones and 14 rows) and lower furnace (9 zones and 14 rows). The heating tile adopts the embedded ceramic far-infrared radiation component, which has high thermal effect and high safety. The electric furnace is embedded with vacuum insulation cotton, which makes the temperature more concentrated and saves energy.



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4. Conveying system and lubrication system. The feeding part adopts the inverter motor to transport the sheet, which improves the accuracy and stability of the conveying length. The guide rail is made of die steel (38crMulv), the surface nitriding treatment, the working surface hardness is high and the life is long. The electric lubricating oil pump is controlled by the computer, and the lubricating oil is injected into the mechanical structure automatically and quantitatively to prolong the service life of the machine.





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Machine parameters

Model	BC-H750	BC-H850
Applicable Material	PP,PS,PET,PVC,ABS,HIPS	
Max Forming Area	830*300mm	850*600mm
Max Forming Depth	150mm	200mm
Applicable Sheet Thickness	0.3-2 mm	
Max Speed	30 mods/min	
Whole Power	160kw	240kw
Heating Power	136.8kw (171 PCS *800w)	216kw (270 PCS *800w)
Main Motor Power	11kw	
Tensile Servo Power	/	15kw
Conveying Chain Servo Power	4.5 kw	
Electric Furnace Size	Upper: 3500*950mm Lower: 3250*950mm	Upper: 3500*950mm Lower: 3250*950mm
Voltage	Three-phase four-wire, 380V 50Hz	
Air Pressure	0.6-0.8 MPa	
Power Consumption	≈80°/ h	≈100°/ h
Machine Weight	≈7T	≈8T
Machine Size	4000*1900*2300mm	5100*1900*2400mm



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Machine configuration

Name	Brand
Servo motor	INOVANCE
Reduction gear	Omet
Ac contactor, circuit breaker	Schneider
Drawing screw	Shangyin Taiwan
Proximity switch	Yangming
Electromagnetic directional valve / Electromagnetic relief valve / Balance valve	Oil milling
Intermediate relay	Omron
Solenoid valve	SMC
Oil pump	Oil milling
Air cylinder	Airtac
Heating pad	Jiangsu
Temperature controller, pressure regulator module	Xinjie
Power switch	Schneider
Air switch	Schneider
PLC, touch screen	Xinjie
Temperature solid state module	Yangming