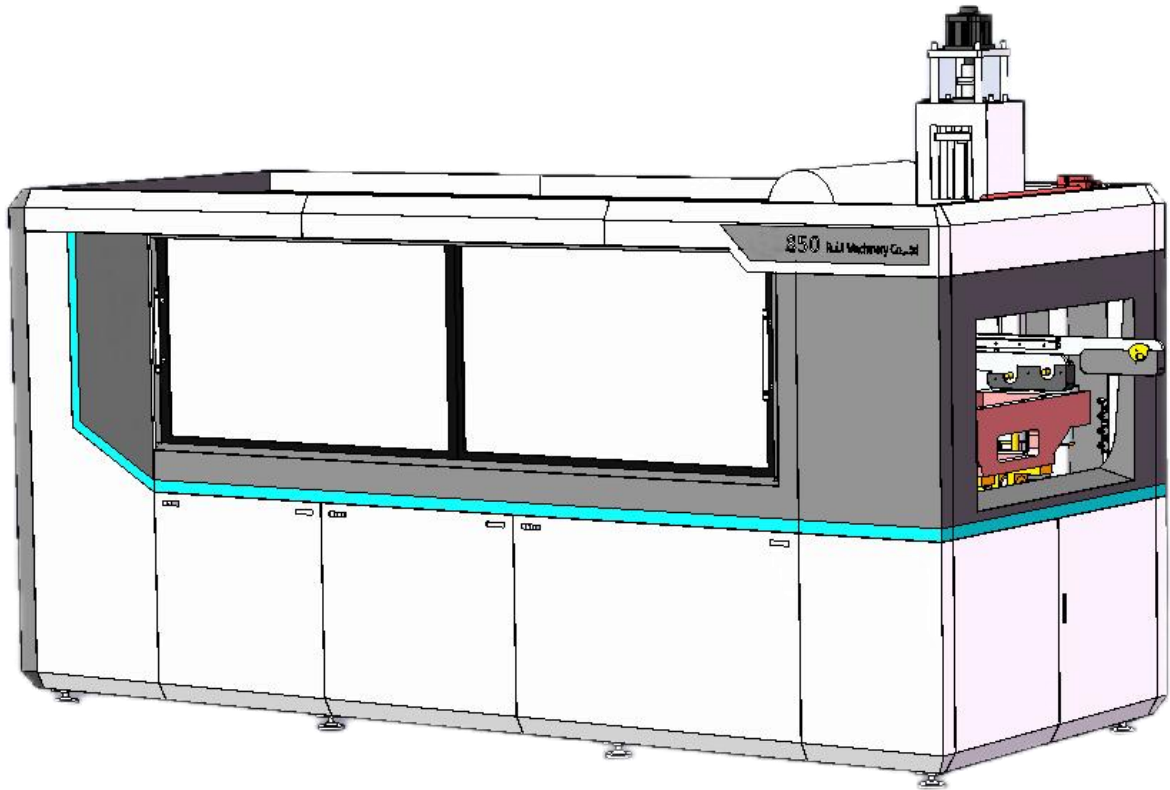




BOCHENG
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BC-S850 Servo Plastic Forming Machine



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.





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Technical Parameters&Quotation

Name	Servo Plastic Forming Machine
Model	BC-S850
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.

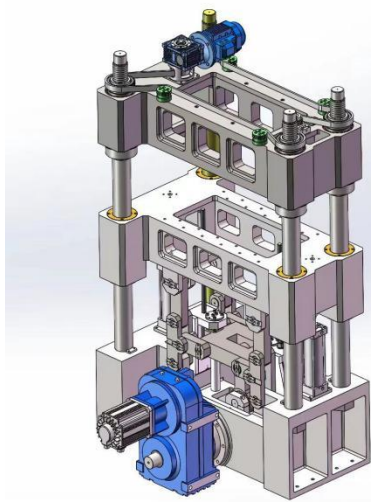


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Machine introduction

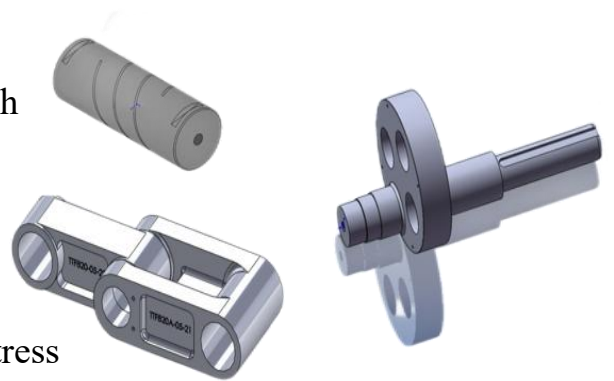
1. Molding and cutting system



Forming and cutting station adopts four-column orientation, five-fulcrum structure, with 15KW servo motor forming and cutting integration, more stable operation, compared with the hydraulic system has more energy-saving characteristics; The swing arm shaft is made of high-grade nitriding steel 38CrMoAl, which can obtain high wear resistance after heat treatment and surface salt bath nitriding treatment, and

improve the fatigue strength and bending strength. And there are three spiral oil grooves on the swing arm shaft, which further improves the service life of the parts with sufficient oil lubrication;

The swing arm is made of ZG45 material with excellent mechanical properties and good toughness by precision CNC machining center, which makes it easier to make complex shapes and non-stress concentrated parts.



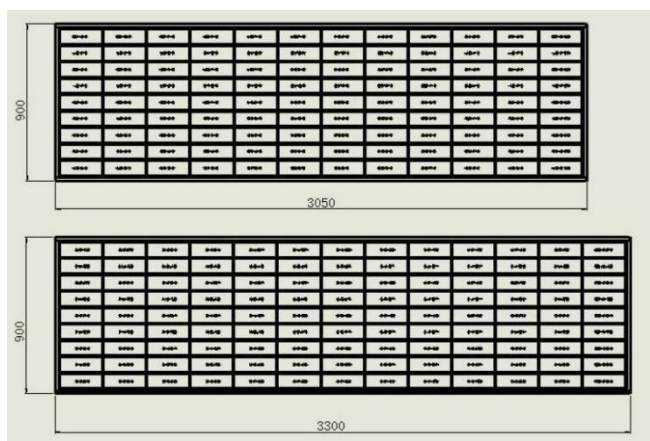
2. Forming and drawing system

With 11KW servo drawing, it has higher controllability compared with cylinder control, and the drawing is more uniform and



stable.

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 embedded ceramic far-infrared radiation component, single heating power is 800W, high thermal effect and high

safety. The electric furnace is embedded with vacuum insulation cotton, which makes the temperature more concentrated and saves energy.

4. Conveying system and lubrication system

4.5KW servo motor is used for conveying pieces to improve the accuracy and stability of conveying length. The guide rail is made of die steel (38crMulv) with surface nitriding treatment, high hardness and long service life.

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.

Technical parameter

Model	BC-S850
Applicable material	PP, PS, PET, PVC, ABS, HIPS, PLA, corn starch, etc
Maximum forming area	850*500mm



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Maximum forming depth	200mm
Applicable sheet thickness	0.3-2 mm
Max speed	30 molds/min
Whole power	240kw
Heating power	216kw (270 PCS *800w)
Main motor power	15kw
Tensile servo power	11kw
Conveying chain servo power	4.5 kw
Electric furnace size	Upper: 3500*950mm Lower: 3250*950mm
Power source	Three-phase four-wire, 380V 50Hz
Air pressure	0.6-0.8 MPa
Machine weight	≈5T
Machine size	5220*2000*2510mm

Machine configuration

Name	Brand
Servo motor, drive	INOVANCE
Reduction gear	Omet



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Ac contactor, circuit breaker	Schneider
Drawing screw	Shangyin, Taiwan
Proximity switch	Yangming, Taiwan
Intermediate relay	Omron
Solenoid valve	SMC
Air cylinder	Airtac
Heating pad	Jiangsu (Province)
Temperature module	XINJIE
Switching power supply	Schneider
Air switch	Chint
PLC	XINJIE
Solid state module	Yangming, Taiwan
Touch screen	TONGTAI, Kunlun