



BOCHENG
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瑞安市博诚机械有限公司

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BC-S750 Servo Plastic Cup Forming Machine



Machine Introduction:

1. Processing Flow:Pre-feeding piece- -main delivery piece- -heating- -molding- -forming-cutting- -open mold- -stripping- -manipulator grasping stack (blow cup)
2. Dual station pre-feeding: motor drive, automatic control pre-feeding.
3. Main chip: PLC control-servo motor drive chain rail chip, high accuracy, stable and reliable, convenient adj
4. Closing and opening mechanism: PLC control, the die table by the servo motor system structure to open, closing and cutting mouth, reliable action, low noise.
5. .Forming mechanism: servo motor drive and stretch, combined with positive pressure forming.
6. Heating system: stainless steel furnace body, using ceramic heater, intelligent temperature control meter, current module control, to improve the accuracy of the heating system.
7. Lubrication:automatic centralized lubrication device, the lubrication time can be selected.



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8. Waste collection:one set of rewinding device (with the main machine separation mechanism)

Technical parameter

Model	BC-S850
Applicable material	PP, PS, PET, PVC etc
Maximum forming area	750*3500mm
Maximum forming depth	180mm
Applicable sheet width	500 ~ 750 (mm)
Applicable sheet thickness	0.3-2 mm
Max speed	25 molds/min
Formed die-in drive servo motor	15kw
Stretch servo motor	5.5kw
Feed-driven servo motor	3kw
Whole power	180kw
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	≈9T
Machine size	5300*1850*2100mm



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Machine configuration

Name	Brand
PLC	Siemens (Germany)
Extended module	Siemens (Germany)
Touch screen	Willen (Taiwan)
Temperature module	Huibang (Taiwan)
Solid state module	Yangming, Taiwan
Mold forming servo	INOVANCE
Send slice servo motor	INOVANCE
Stretch servo motor	INOVANCE
Auxiliary relay	Omron (Japan)
Contactor	LG(Korea)
Switch, button	Schneider (France)
Proximity switch	Yangming (Taiwan)
Switching Mode Power Supply	Schneider
Heating tile	Yancheng (Jiangsu)
Circuit breaker	Chint
Contactor	Chint
Thermal relay	OMRON
Electromagnetic valve	SMC(Japan)