

大霸  机械  
DABA MACHINERY

# CATALOGUE

WENZHOU  
DABA  
MACHINERY

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# ABOUT US



Wenzhou Daba Plastic Machinery Co., Ltd. has 26 sales team and 10 domestic and overseas technical support staff. The company has accumulated a large number of stable customers around the world. The company focuses on solving one-stop procurement in the fields of plastic thermoforming, plastic extrusion and plastic packaging.

Whether you need molding machines, extruders, auxiliary machines, molds, material procurement or technical support for plastic equipment, we will actively cooperate and patiently communicate to help you choose products that suit you, and solve problems in production. Daba people is willing to work with customers at home and abroad to make Chinese manufacturing and approach the world.



# OUR MAIN PRODUCTS

1.plastic thermoforming machine (involve multistation plastic forming machine , BOPS plastic forming machine , plastic cup forming machine ,plastic lid forming machine )

2.plastic extruder production line (involve plastic PP/PS / PET/PLA extruder)

3.plastic cup printing machine (involve 4 color /6 color/8color printing machine)

4.vacuum forming machine (involve traditional vacuum forming machine, three station vacuum forming machine, four station vacuum forming machine)

5.plastic package machine (involve plastic cup package machine , multi-station pillow packing machine)

6.Automatic paper-plastic packaging machine

7.Auxiliary equipment (involve mould,crusher, air compressor, chiller, dryer, air tank, lifter)







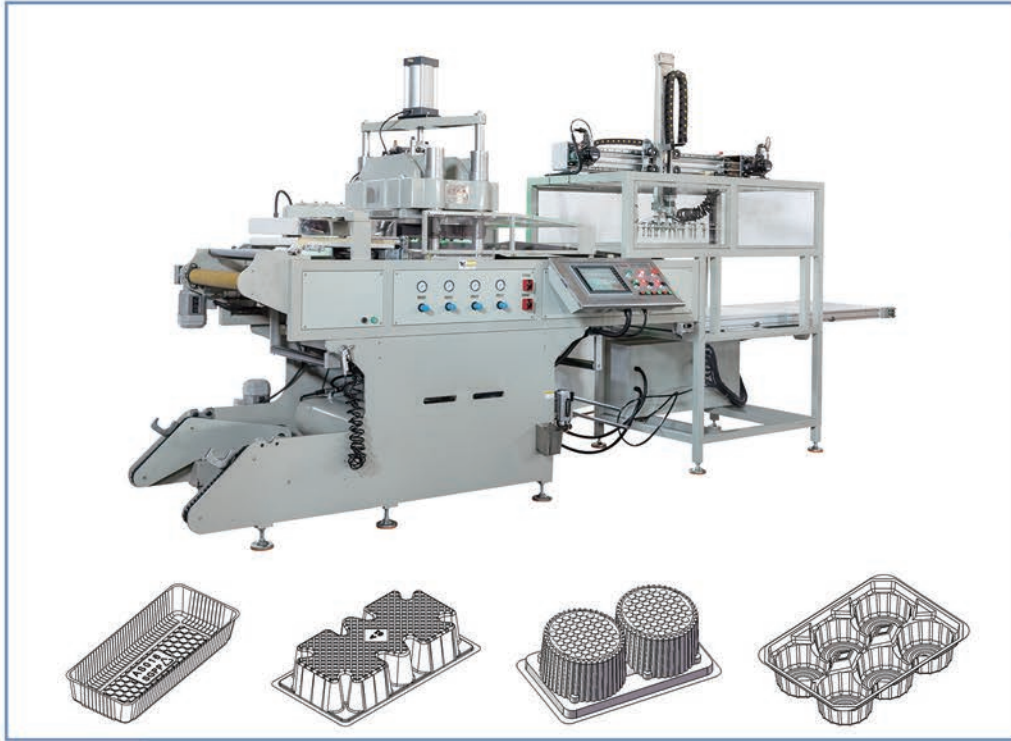
Dabaplas is located in Ruian, Zhejiang, China. Our company has been a leader in Chinese plastic machinery area. Now, we have got ISO9001 Quality Management System Certificate and some products have got CE Certificate. Through our continuous research and development, advanced skills, and a strong commitment to customer service, we have firmly established ourselves as a dependable supplier of China.

No matter whether you are looking for a single machine or a whole production line, you can get outstanding machines and know-how results from our technical department. Every DaBa machine is quality proven, superior in design and produced as per the highest quality standards. Before leaving our factory, it is tested and retested for performance, productivity and durability.

Because of good quality and service, we have won a good reputation among domestic and international customers. Our products sell well in Asia (such as India, Thailand, Vietnam, Indonesia, Malaysia, Sri Lanka), the middle east (Iran, Pakistan, Saudi Arabia, Kuwait), Europe (Russia, Rumania, Bulgaria, Italy), Africa (Nigeria, Guinea, Congo), North America and South America. We hope to establish good and long-term business cooperation with customers from all over the world. If you have any inquiry about our machines, please feel free to contact us.



# Full automatic plastic thermoforming machine



## Features

- Servo driven platen for smooth and energy efficient movement
- Memory storage system
- Optional working modes
- Intelligent diagnostic analysis
- Quick mould air baffle change
- In-mould cutting ensuring consistent and accurate trim
- Low energy consumption, high utilization
- Robot with 180 degree rotation and dislocation palletizing

Model	DB-51/62	DB-54/76
Max. Forming Area	510×620 mm	540×760 mm
Max. Forming Depth	100 mm	120 mm
Knife Length	APET: 6000mm / PVC PLA:7000mm / OPS: 10000mm	APET: 9000mm / PVC PLA: 10000mm / OPS: 13000mm
Material Thickness Range	0.10-1.0 mm	0.10-1.0 mm
Air Pressure	0.7Mpa	0.7Mpa
Air Consumption	1000 Litres/min	1300 Litres/min
Water Consumption	5 Litres/min	6 Litres/min
Power Consumption	7.5kw/hr (Approximate)	9kw/hr (Approximate)
Total Heating Power	24 kw	30kw
Total Motor Power	8kw	9kw
Power Supply	AC 380V+15V 50/60HZ	AC 380V+15V 50/60HZ
Production Speed	600-1200 Cycles/hr	600-1200 Cycles/hr
Max.Material Roll Diameter	710 mm	710 mm
Max.Sheet Width	680 mm	810 mm
Dimensions	Machine: 2950×1550×2350mm	5000×1750×2500 mm
	Stacker: 2670×60×2350mm	
Weight	3500 kg	4800 kg

## Application Area

It is suitable to form PP, BOPS, HIPS, PS, PVC and PET plastic sheets etc., which can produce various of boxes, dishes, trays, bowls and lids, such as food boxes, cake boxes, fast-food boxes, supermarket trays, oral liquids trays etc.

# Semi automatic plastic thermoforming machine

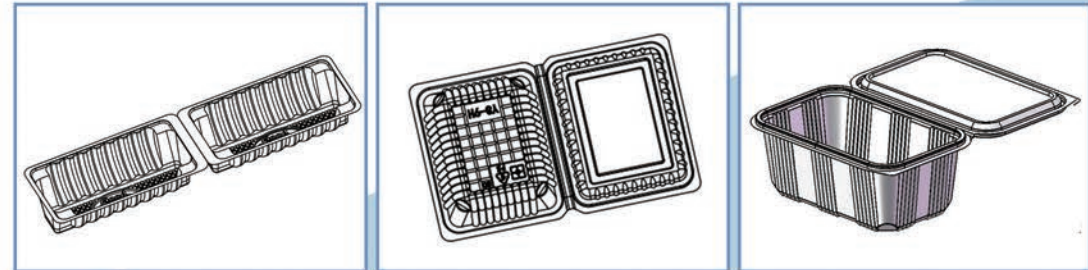


Model	DB-61/62	DB-66/76
Forming Area	610×620mm	660*760mm
Forming Depth	100mm	100mm
Sheet Thickness Range	0.10-1.0 mm	0.10-1.0 mm
Sheet Roller Diameter	710mm	900mm
Air Pressure	0.7 Mpa	0.7 Mpa
Water Consumption	10 Liters/min(15-20°C)	15 Liters/min(15-20°C)
Air Consumption	1800 Liters/min	2400 Liters/min
Production Speed	600-1200 recycles/hr.	600-1200 recycles/hr.
Voltage	AC380V±15V, 50HZ	AC380V±15V, 50HZ
Mould Plate Heating Power	6 kw	9Kw
Heating Plate Power	15 kw	18Kw
Weight	2000kg	3000Kgs
Dimensions(L×W×H)mm	4410×1290×2130 mm	4850*1500*2130

## Introduction

DB-61/62 plastic thermoforming machine is a combination of mechanical, electrical and pneumatic components, and the whole system is controlled by a micro PLC, which can be operated in man-interface.

It combines the material sending, heating, forming into one process. It has three operation models. " manual", and " semi-automatic", so it is a new generation ideal package equipment with telecommuting and memory reserve functions.





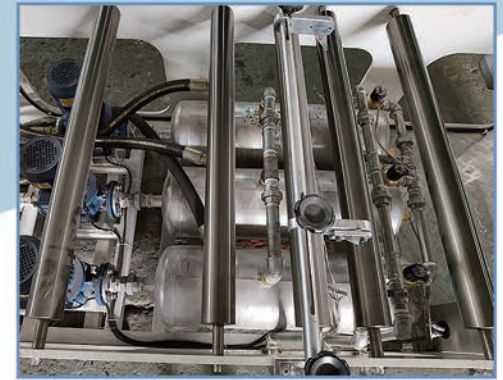
# Plastic Extruder Machine



## Introduction

This machine is designed to produce plastic sheet for thermoforming/vacuum forming purpose or stationery use, which is composed of 7 parts: extruder part, filter part, Die-head part, 3 rollers part, traction part, winding part and side trimming part.

Model	DB-110-850	DB-110-950
Material	PP/PS/PE	PP/PS/PE
Screw dia.	110mm	120mm
Sheet width	780mm	880mm
Ratio	32:1	34:1
Max. capacity	150-250Kgs/Hr	150-350Kgs/Hr
Total power	100Kw	180Kw
Sheet thickness	0.2-2.0mm	0.3-3.0mm
Power supply	380V/3P/50Hz	380V/3P/50Hz
Weight	6500Kgs	8500Kgs
Machine dimension(LxWxH)mm	1700*2000*2500	1800*2200*2600



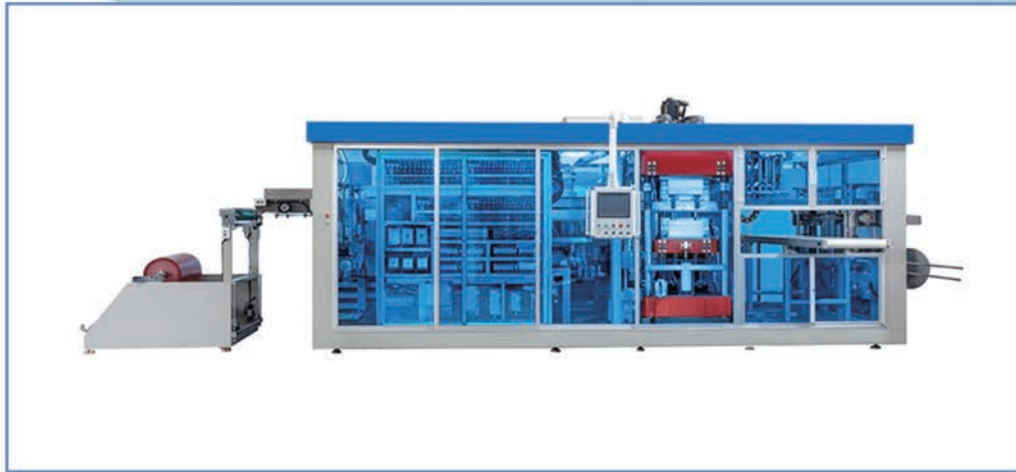
## Applicable Material

It is used for produce various plastic sheet of PS (polystyrene), PP/HIPS (polypropylene) and PE (polypropylene), which can be widely used for produce plastic cup, plastic bowl, plastic tray and blister, stationery packing manufacture forming.





# 3021 Plastic Positive and Negative Thermoforming Machine



## Features

- Feeding, forming, cutting, stacking are driven by servo motor
- Memory storage system
- Optional working modes
- Optional stacking systems
- Intelligent diagnostic analysis
- In-mould cutting ensuring consistent and accurate trim
- Working station servo motor adjustment



Model	DB-3021
Max. Forming Area	540×760 mm
Max. Forming Depth	Manipulator: 100mm/Downward stacking:120mm
Material Thickness Range	0.20-1.5 mm
Air Pressure	0.7Mpa
Air Consumption	3000 Litres/min
Water Consumption	70 Litres/min
Total Heating Power	114 kw
Total Motor Power	33kw
Power Supply	AC 380V+15V 50/60HZ
Production Speed	600-1500 Cycles/hr
Max.Material Roll Diameter	1000 mm
Dimensions	Feeder: 1500×1420×1450mm
	Stacker: 7550x2122×2410mm
Weight	10000 kg

## Application Area

This machine is suitable for BOPS, PP, PET, PVC, PS, PLA, HIPS sheet materials to produce all kind of high transparent high tensile tum-up and fiat products, such as plates, lids, food boxes, bowl, tray for daily necessities, medicine and drugs, wine, electrical pares and etc.



# Plastic Vacuum Forming machine



## Introduction

Plastic vacuum forming machine is designed by the principle of mechanical-electrical-pneumatic integration. It adopts PLC control system, panel and digital power control. This full-automatic forming equipment for thermoforming plastic sheet includes feeding, heating, forming, cooling, mold ejecting, cutting by one process.

Model	DB-720/1220
Forming area	720*1220mm(can change)
Sheet width	610-760mm (can change)
Forming height	0-165mm
Thickness of sheet	0.15-1.0mm
Production speed	200-600times/hour(depend on the shape of product and thickness of sheet)
Mould-up move	Electromotion
Electric oven power	30 KW
Traction motor power	2.2KW
Vacuum pump power	3.0 KW
Cooling-water machine power	3.37 KW
Power	380V 50/60HZ three phases
Dimension(LxWxH)mm	6600*1450*2800mm
Weight	3000kg

## Application Area

This machine is mainly applied to plastic sheet material molding, such as PS, HIPS, PVC, PET, PP and flocking sheet, etc. which produce all kinds of trays, trays for medicine injection, oral liquid, vegetables, telephones, cookies, tool, hardware, electron and disposable tableware, etc.

# Hydraulic Cutting Machine



## Application

The plastic cutting machine suitable for plastic sheet, suitable material as PP, PS, PVC, PET, PE, BOPS, It is also suitable for the single layer or layers of leather, plastic, artificial leather, textiles and other materials forming blanking, as long as the match to be on the molding box knife, can get various shapes of products, such as soles, shoes, handbags, gloves, toys, clothing, blister, plastic and craft products.

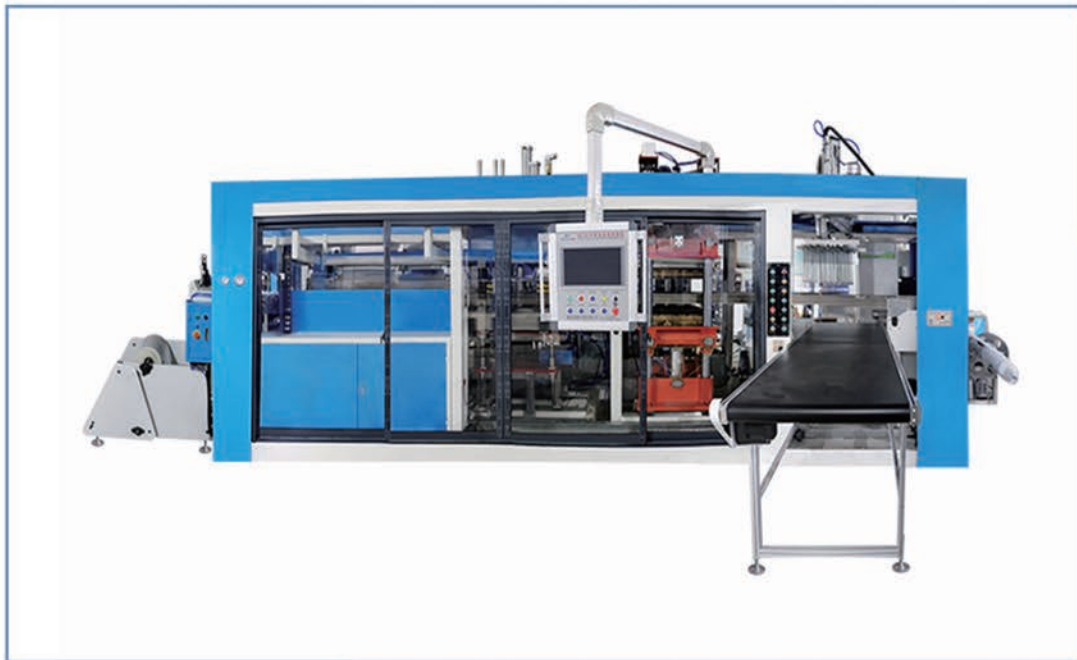
Model	DB-60
Cutting force	60Tons
Distance between pressing board and table	1250-150mm
Press Board	1600x500mm
Table Area	1600x600mm
Electrical Supply	3x440/415/400/380/220V,50/60Hz
Motor Power	2.2kw
Packing Size	2200x1000x1700mm
Weight	1600Kg
Hydraulic oil(46#)	80Liters

## Introduction

Precise four column hydraulic cutting machine, can effectively ensure the plane of the mechanical precision of the cutting surface any position, keep the stable cutting power output. Intermittent single stroke, both hands button to start the operation, the emergency stop device, to ensure safe operation. Die cutter set is simple, can quickly adjust the different height of stroke. Trimming device, cutting force can be quickly to acquire the best cutting pressure, and to protect the knife mould and prolong the service life of the cutting board.



# Automatic plastic vacuum forming machine



## Features

Operating principle of the blister machine, easy to operate

Easy to mold installation and adjust the knife,

Highly automated, saving labor,

Aluminum film/copper mold can be used for molding, laser knife is used for punching, mold cost is low, and the manufacturing process is simple.

Meet the order needs of customers of all sizes.



Model	DB-72/76
Max Forming area	720*760mm
Material	PET,APET,PP,PS,PVC,ABS
Material thickness	0.2-1.8mm
Forming height	0-80mm
Production speed	200-600times/hour
Mould-up times	1 or 2 times
Mould-up move	Electromotion
Eject-die	Shake to mould-down
Overall power consumption	25kw/hr
Vacuum pump power	4.0 KW/150m <sup>3</sup>
Servo motor	3kw
Power	380V 50HZ
Air consumption	6.5kg/cm 1000-1500Liter /min
Chiller power	3HP
Overall diameter(L×W×H)mm	9200*2850*2660mm
Weight	9200kg

## Application Area

This machine is suitable for forming HIPS, PS, PP, PVC, PET, sheet that can produce boxes, trays, fast food boxes, dishes, lids, cookies tray, egg tray, mobile phone tray & other blister tray.



# Four station plastic thermoforming machine



## Introduction

High level of standardization.

Exceptional repeatability. Rugged durability.

Flexible production for a wide range of articles.

Increased high-speed performances.

4-column press for forming, punching and cutting with perfect balance of the forces on mould platens.

Cutting accuracy and reliability.

Electric drives on all the main moving parts.

User-friendly software to control each operation and for working.

Sheet Thickness	0.2-2mm
Available Material	PP PET PVC PS PLA
Max. Forming Area	680x420mm
Sheet Width	400-690mm
Forming Depth	80mm
Speed	15-30/min
Heating Power	70kw
Motor Power	4kw x 4
Air Consumption	0.5-0.8 bar
Total installed Power	80kw
Weight	7.5 ton
Machine over Dimension	7.5x2.4x2.2M

## Application Area

This machine is suitable to handle different materials, such as A-PET, R-PET, C-PET, BOPS, HIPS, PP, PLA, PVC and barrier material and to produce many items: trays, lids, fruits and vegetables boxes, flowerpots, clamshells, nursery trays and plates.

# Plastic cup thermoforming machine



## Introduction

Plastic cup thermoforming machine suitable material: PP, PS, HIPS, PVC, PET, PLA plastic sheet. It is a combination of mechanical, electrical and pneumatic components, and the whole system was controlled by micro PLC. It operates with man-interface, which can work all by itself. It combines the material feeding, heating, drawing, forming, cutting and transporting into one process.

Plastic cup thermoforming machine is mainly used for production, production of disposable tableware, cold drink cup, yogurt cup, jelly cup, ice cream cup, snack box, plastic bowl, milk tea cover etc. At the same time also can process medicine, light industry, textile, tourism, toys and other relevant plastic packaging products.

Model	DB-660	DB-750	DB-860
Power Supply	380V/3P/50HZ	380V/3P/50HZ	380V/3P/50HZ
Material	PP/PS/PET/PLA/PVC	PP/PS/PET/PLA/PVC	PP/PS/PET/PLA/PVC
Driving Method	Hydraulic drive	Hydraulic drive	Hydraulic drive
Forming Area	660×320mm	750×420mm	850×450
Sheet Thickness	0.25~3.0mm	0.25~3.0mm	0.25~3.0mm
Max forming depth	≦130mm	≦220mm	≦220mm
Forming Speed	15-35cycles/min	15-35cycles/min	15-35cycles/min
Air Pressure	0.6~0.8Mpa	0.6~0.8Mpa	0.6~0.8Mpa
Air Consumption	2200L/min	2400L/min	2400L/min
Machine Dimension	3700×1500×2500mm	4000×1600×2500mm	4500×1700×2400mm
Total power	140kw	160kw	190kw
Weight	6500Kgs	7500Kgs	8500Kgs

## Optional

### • Stacking by robot

Suitable for cups, bowls, food containers, trays, etc.



### • Collecting by stacking equipment

Suitable for regular cups.





## Air Supply System



Air Compressor

Air Tank

Air Dryer

Filter



### ◀ Online Crusher

The high speed online crusher is suitable to match with packaging machinery, such as environmental cups, plastic bowls manufacturing machinery (Cup thermoforming machine, vacuum forming machine, sheet extrusion, multi station thermoforming machine).

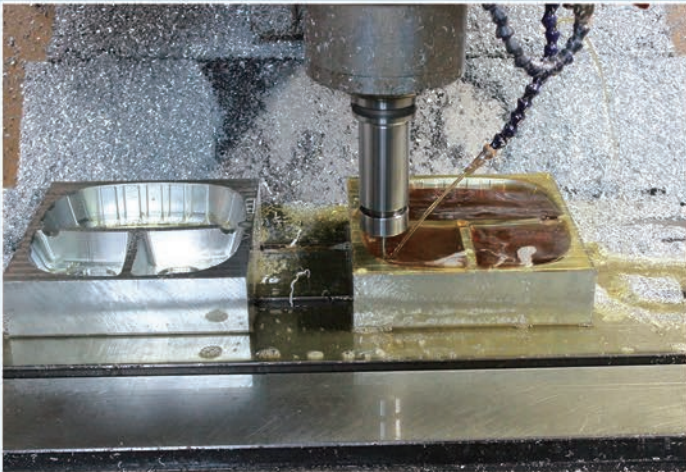
### Chiller ▶

Accurate control of plastic processing mould temperature, shorten the molding cycle, ensure the stability of product quality.





# Production





# Sales



# Customer Photo





# Exhibition





# Packaging and shipping







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