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WEBSITE



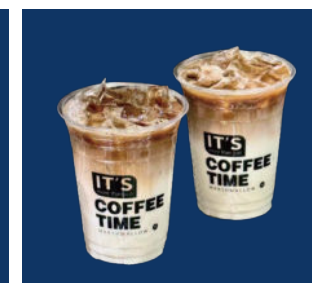
WHATSAPP

AMTOP MACHINE

YOUR PLASTIC FORMING
& PACKING SPECIALIST



温州安徒机械
AMTOP (WENZHOU) MACHINERY CO., LTD



COMPANY PROFILE

公司简介



Wenzhou Amtop Machinery Co., Ltd is a professional manufacturer of all kinds of plastic thermoforming&packing &extruding machine.

Amtop's machine, with more than 15 years marketing experience, is quality proven, superior in design and produced by the highest quality standards.

Our machine sell well in Asia (such as India, Thailand, Vietnam, Indonesia, Malaysia), the Middle Areas (Iran, Pakistan, Saudi Arabia, Kuwait), Europe(Russia, Poland). We hope to establish good and long-term business cooperation with customers from all over the world.

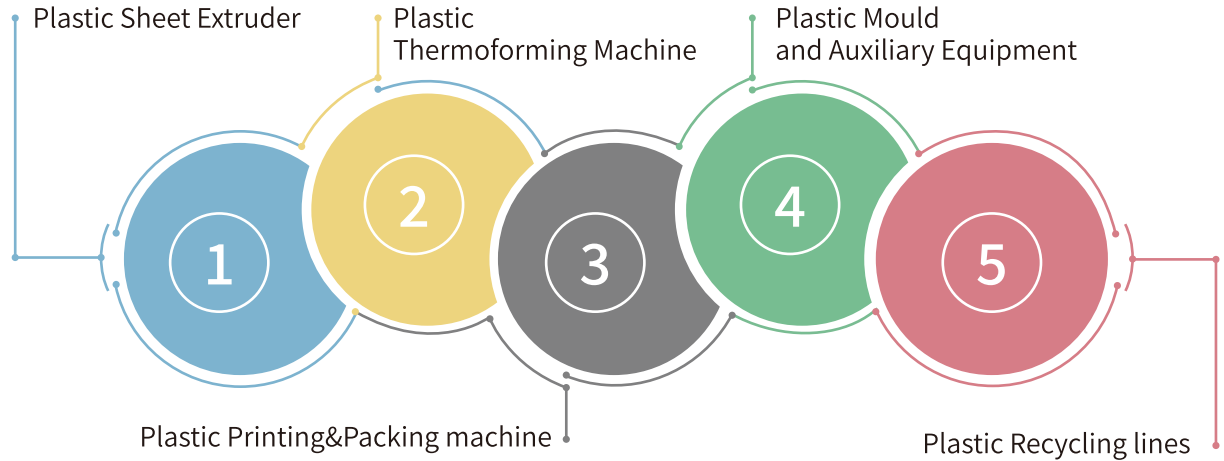
OUR MAIN PRODUCTS INCLUDE:

- ▲BOPS Plastic Thermoforming Machine
- ▲One Station Plastic Thermoforming Machine
- ▲Four/Three Station Plastic Thermoforming Machine
- ▲Plastic Cup&Lid Thermoforming Machine
- ▲Plastic Cup Printing & Packing Machine
- ▲PP/PS/PET Sheet Extruder
- ▲Plastic Recycling Lines

PACKING SOLUTION SUPPORT

Customer needs, Amtop service

AMTOP MACHINE



AMTOP MACHINE SUPPORT PRODUCTS



Bops series products



Plastic cup&lids



Plastic fruit plate&box



Plastic egg tray



Plastic bowl



plastic flower pot&seed tray

Auto Plastic Forming Machine

HY-63/78 BOPS Plastic Forming Machine

INTRODUCTION

This machine combines heating, forming, cutting into one process, which is suitable for forming HIPS, PS, BOPS, PVC, PET sheet to different kinds of container, boxes, trays, like fast food boxes, dishes, lids, cookies tray, boxes for preserved fruits, cakes, vegetables and frozen products, ect.



FEATURES

- Forming and cutting in same station , cutting zero -error.
- Material use ratio reach 80-95%,defective index is 5-20%.
- Full servo system control with low noise and air consumption to energy save .
- With 180°rotation, Robot arm can make products malposed stack.
- Easy to operate in one station by one staff to save labor.

PARAMETER

Model	HY-63/78	HY-70/95
Forming area	630×780mm	700×950mm
Forming depth	125mm	
Suitable material	OPS/PVC/HIPS/PET	
Sheet thickness range	0.12-1mm	
Cutting length	PET:9000mm/OPS:13000mm	PET:12000mm/OPS:18000mm
Air pressure	0.7Mpa	
Water consumption	8 Liters/min(15-20°C)	15 Liters/min(15-20°C)
Air consumption	1500 Liters/min	2400 Liters/min
Production Speed	600-1200 cycles	
Voltage	AC380V±15V,50HZ	
Total heating power	40kw	50kw
Total motor power	9kw	12kw
Power consumption	10kw/hr(Approximate)	14kw/hr(Approximate)
Max sheet roll diameter	800mm	1000mm
Max sheet roll width	810mm	1000mm
Weight	5200kg	7000kg
Dimensions (L×W×H)mm	5600×1750×2500mm	6590×1760×2720mm

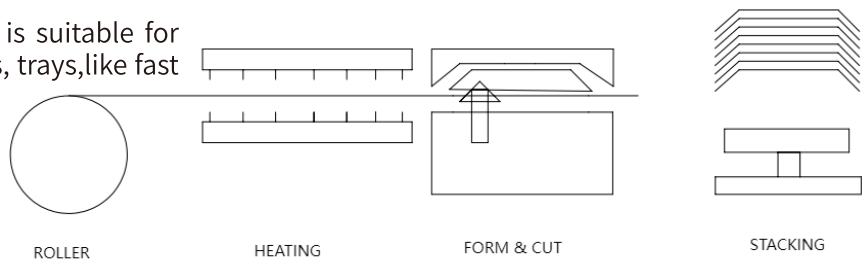
SAMPLE SHOWS



HY-51/62 BOPS Automatic Plastic Forming Machine

INTRODUCTION

This machine combines heating, forming, cutting into one process, which is suitable for forming HIPS, PS, BOPS, PVC, PET sheet to different kinds of container, boxes, trays, like fast food boxes, dishes, lids, cookies tray and other disposable plastic products.



FEATURES

- Forming and cutting in same station , cutting zero -error.
- Material use ratio reach 80-95%,defective index is 5-20%.
- Full servo system control with low noise and air consumption to energy save .
- With 180°rotation, Robot arm can make products malposed stack.
- Easy to operate in one station by one staff to save labor.

PARAMETER

Model	HY-51/62	
Forming area	510×620mm	
Forming depth	100mm	
Suitable material	OPS/PVC/HIPS/PET	
Sheet thickness range	0.10-1mm	
Knife length	PET:6800mm, /OPS:10000mm	
Sheet roller diameter	710mm	
Air pressure	0.7Mpa	
Water consumption	5 Liters/min(15-20°C)	
Air consumption	1500 Liters/min	
Production Speed	600-1200 cycles	
Voltage	AC380V±15V,50HZ	
Total heating power	24kw	
Total motor power	8kw	
Approximate power consumption	7.5kw/hr	
Weight	3500kg	
Dimensions(L ×W×H)	Machine	2950×1550×2350mm
	Stacker	2670×960×2350mm

SAMPLE SHOWS



HY-70/80 Plastic Thermoforming Machine

INTRODUCTION

HY-70/80 All-in-one plastic thermoforming machine adopts new design concept and control system. It's suitable for thermoplastic materials like PET, BOPS, PS, PVC, PLA, etc. It can produce various types of highly transparent and high-stretch flanged and flat-edged products, such as bowls, plates, lids, trays, fruit boxes, vegetable boxes, food boxes, containers, blister trays for wine, medicine, electronics, daily necessities, etc.

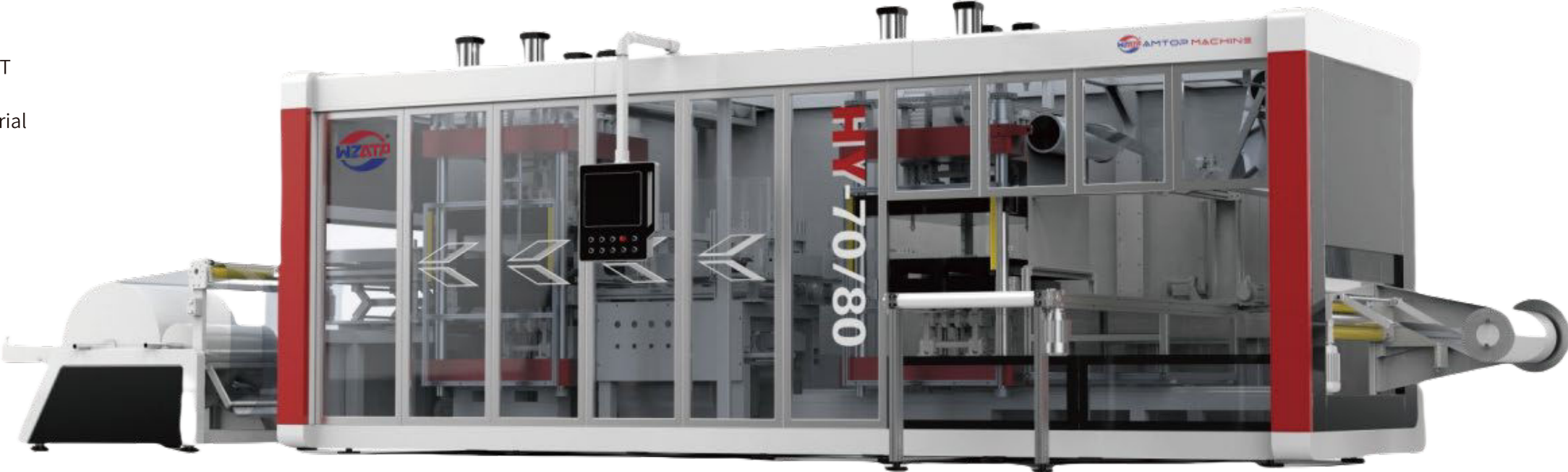
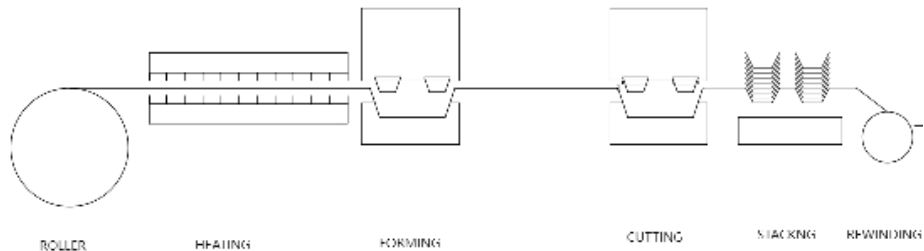
PARAMETER

Model	HY-70/80	
Max. Forming Area	700x800mm	
Max. Forming Depth	Grabbing inside the mold: 75mm, Stacking outside the mold: 120mm	
Suitable material	OPS/PVC/HIPS/PET	
Material Thickness Range	0.1-1.0mm	
Max. Cutting strength	70 Ton	
Production speed	600-1500 times/hour	
Total Heating power	A zone 20KW、B zone 36KW	
Total Motor power	22KW	
Air Pressure	0.7Mpa	
Air Consumption	3000 liters/min	
Water Consumption	50 liters/min	
Power Supply	AC380+15V 50HZ	
Max. Material Roll Diameter	1000mm	
Machine Weight	10000kg	
Machine Dimensions	Main machine(L*W*H)	7670x1705x2830mm
	Material feeder(L*W*H)	1440x1323x1306mm

FEATURES

- Full servo drive system
- Memory storage system
- Two heating system, one for BOPS,one for PET
- Three working station
- Without chain feeding, high use ratio of material
- Low mold cost
- Low power consumption

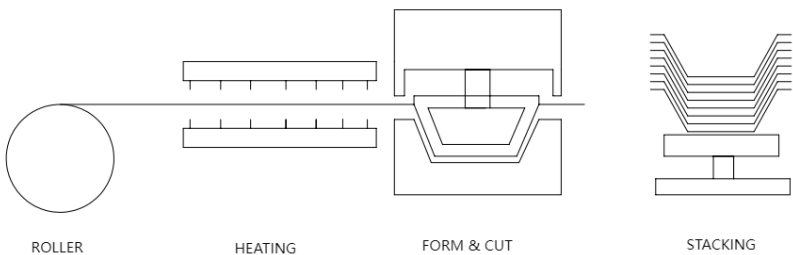
SAMPLE SHOWS



HY-54/76 One Station Plastic Thermoforming Machine

INTRODUCTION

This machine is suitable for forming BOPS/ HIPS/ PS/ PVC/ PET/ PP plastic sheet into various of boxes, dishes, trays, bowls and lids, etc.



PARAMETER

Model	HY-54/76
Max. Forming Area	540*760mm
Max Forming Depth	Pick product from mold inside : 100 mm Pick product from outside : 120 mm
Sheet Thickness Range	0.2-1.5 mm
Production Speed	600-1500 cycles/hr
Heating Power	132KW
Material	BOPS/HIPS/PET/PP
Motor Power	33 KW

Model	HY-54/76	
Air Pressure	0.7 Mpa	
Air Consumption	3000 liter/min	
Water Consumption	70 liter/min	
Power Supply	AC 380±15V, 50HZ	
Sheet Roll Dia.	1000mm	
Weight	10000kg	
Dimension (mm)	Main Machine	7550*2122*2410 mm
	Feeder	1500*1420*1450 mm

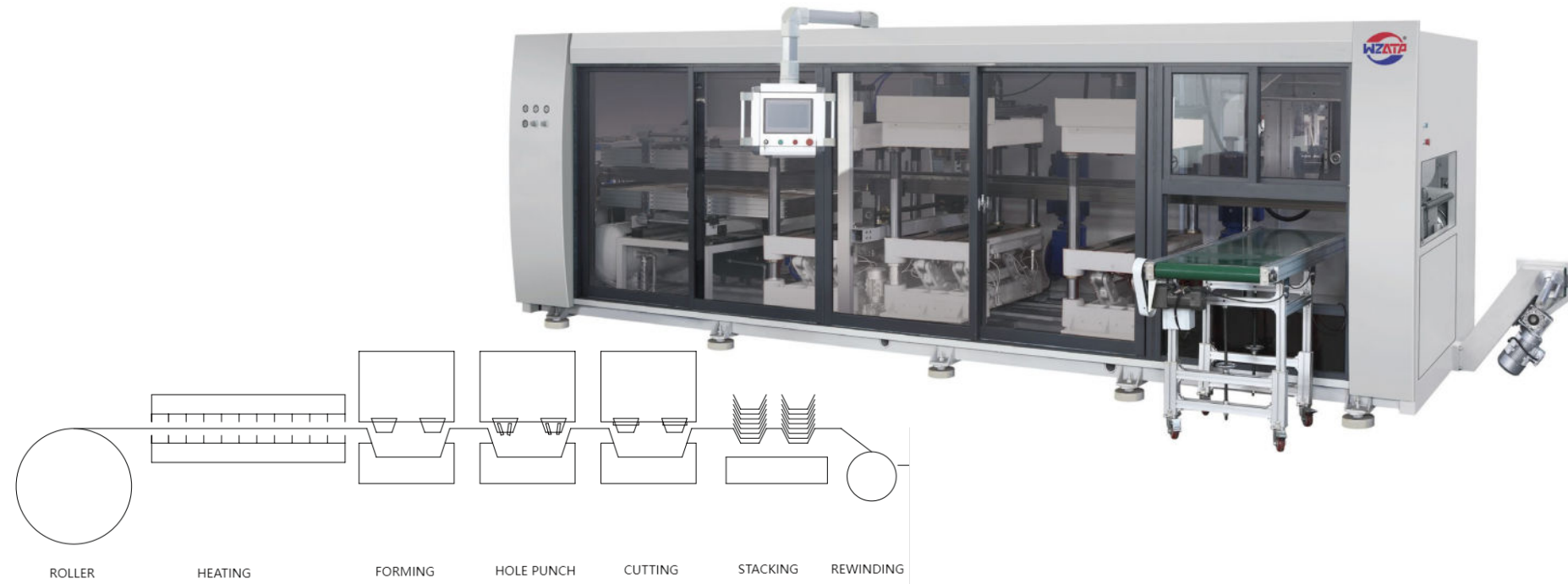
FEATURES

- Material feeding, heating, forming, cutting and stacking in one machine.
- Multi-zone infrared double-heating ovens and positive and negative thermoforming system.
- Servo motor boosting system and a robot with double palletizing system ensure products stacked steadily and accurately.
- Fault diagnosis system and advanced in-mold cutting technology to trim the zero-error products.
- The sheet feeding system is driven by servo motor.
- Quickly stable capacity, highly utilization ratios of plastic sheet, low air consumption.

SAMPLE SHOWS



Multi Station Full Automatic Thermoforming Machine



■ INTRODUCTION

This machine is suitable for forming different material sheet, such as PET, HIPS, PP, PLA, PVC to many items, like trays, plate, lids, fruits & vegetables boxes, flower pots, clamshell box, etc.

■ FEATURES

- 3&4 station as choice, forming, hole punching, cutting and stacking in one machine;
- Multi-function, suitable for products with air hole and without;
- Servo motor control, punching and cutting with average power;
- Capacity stable, suitable for long-term big quantity order;
- Easy operating by PLC touch screen.

■ PARAMETER

Model	ATM-75/65
Max. Forming Area	750x650mm
Forming pressure	Positive and negative pressure
Available Material	PP/ PET /PVC/ PS /PLA
Available thickness	0.2 - 2.0mm
Can custom-made	3 stations : forming +cutting+stacking 4 stations: forming+hole punching +cutting+stacking
Power supply	380V, 50HZ
Sheet Width	500-900mm
Forming Depth	130mm
Speed	15-40cycles/min
Heating Power	150kw
Feeding motor	4.4kw
Forming motor	5.5kw x2
Hole punching motor	7.5kw x2 (Four station)
Cutting station motor	7.5kw x2
Stacking part motor	1.5kw
Air Consumption	0.5-0.8 bar
Weight	17500kgs
Machine over Dimension	11500x2400x2200mm

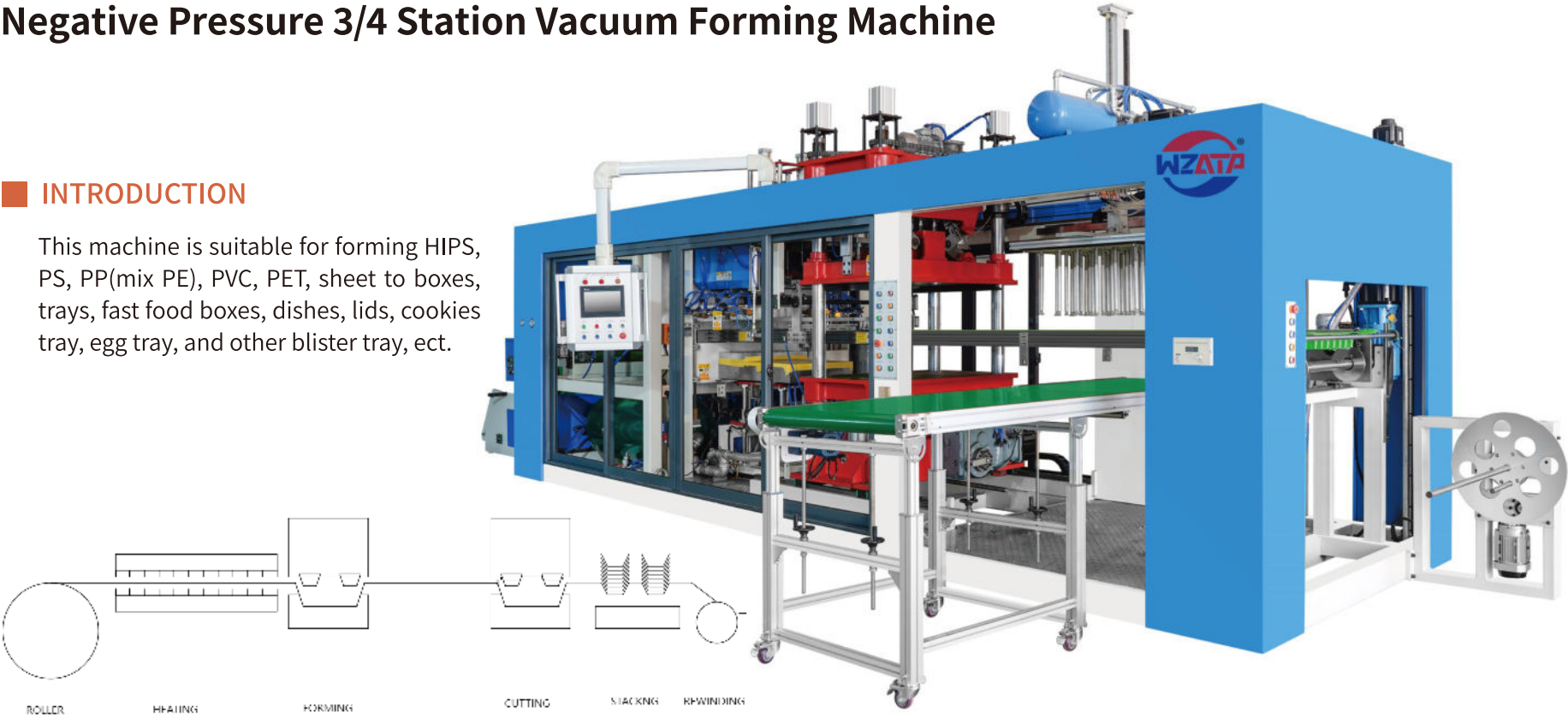
■ SAMPLE SHOWS



Negative Pressure 3/4 Station Vacuum Forming Machine

INTRODUCTION

This machine is suitable for forming HIPS, PS, PP(mix PE), PVC, PET, sheet to boxes, trays, fast food boxes, dishes, lids, cookies tray, egg tray, and other blister tray, ect.



FEATURES

- Combine forming, cutting, stacking in one machine, hole punching can be add.
- Multi-function for products with air hole and without air hole.
- Reasonable four-guiding roller design and servo motor control allow punching and cutting with average power.
- Mould cost of machine is lower, suitable for less quantity and much type sample order of plastic products.
- Easy to operate by PLC touch screen.

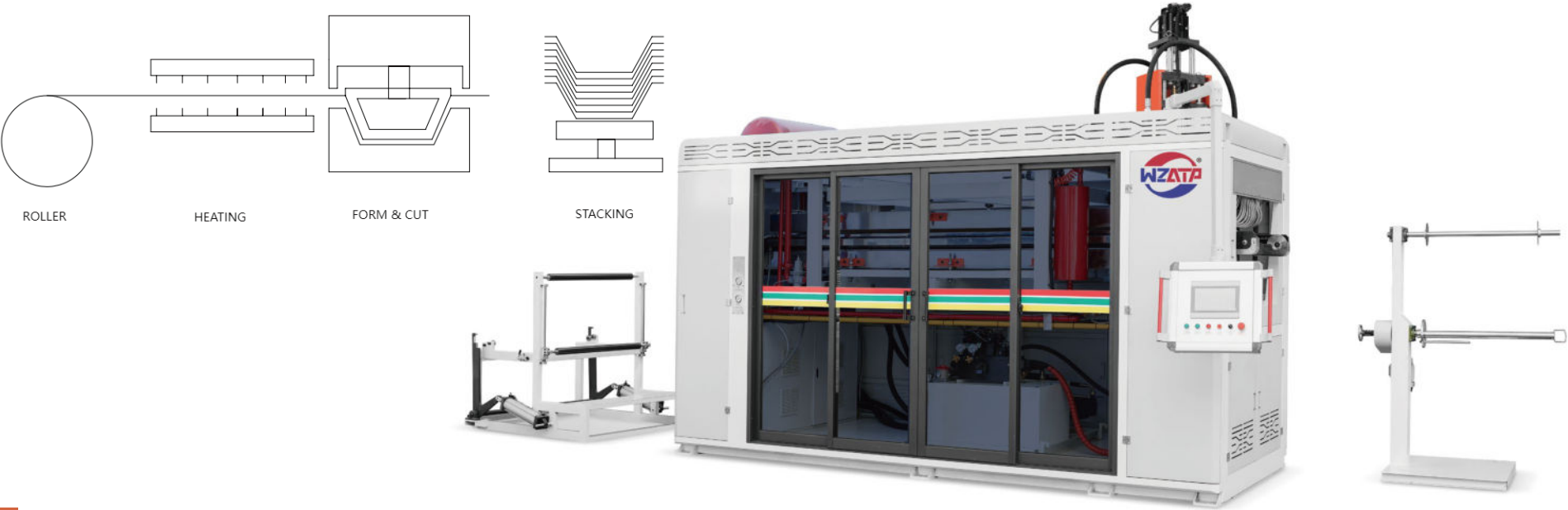
PARAMETER

Model	ATM-72/85
Max Forming area	720*850mm
Forming pressure	Negative pressure
Material	PET,PP (Mix PE) ,PS,PVC,ABS
Material thickness	0.2-1.8mm
Forming height	Female mould 0-80mm Male mould 0-150
Production speed	10-20 cycles/minutes
Mould-up times	1 or 2 times (free to install)
Mould-up move	Electromotion
Eject-die	Shake to mould-down
Overall power consumption	25-40kw/hr
Vacuum pump power	4.0 KW/150m ³
Servo motor	4.5/5.5/7.5
Power	380V 50HZ
Air consumption	6.5kg/cm 1000-1500Liter /min
Overall diameter	(L)11000*(W)2850*(H)2660mm
Weight	9500kg

SAMPLE SHOWS



Plastic Cup Thermoforming Machine



INTRODUCTION

The machine is mainly used for producing 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 producing plastic packaging products for medicine, light industry, textile, tourism, toys and others.

FEATURES

feeding, heating, drawing, forming, cutting and transporting into one process.
Control by PLC, easy to operate by one staff

SAMPLE SHOWS



PARAMETER

Model	ATC-75/42	ATC-75/52	ATC-85/56
Forming Area	750×420 mm	750×520 mm	850×560 mm
Power Supply	380V/50HZ		
Material	PP/PS/PET/PVC plastic thermoforming sheet		
Driving Method	hydraulic drive		
Stretch method	Cylinder /Servo motor	Servo motor	Servo motor
Samples example PP	Dia70mm,30pcs/mold Dia 95mm,17pcs/mold	Dia70mm,38pcs/mold Dia 95mm,24pcs/mold	Dia70mm,45pcs/mold Dia 95mm,28pcs/mold
Samples example PET	Dia70mm,30 pcs/mold Dia 95mm,17 pcs/mold	Dia70mm,30pcs/mold Dia 95mm,18pcs/mold	Dia70mm,36pcs/mold Dia 95mm,21pcs/mold
Sheet Thickness	0.20~2.0mm		
Max forming depth	≤180mm can customzid follow customer required		
Forming Speed	15-35cycles/min (without robot) 12-18cycles/min (with robot stacking)		
Air Pressure	0.6~0.8Mpa		
Feeding motor	3.7kw	4kw	4kw
Main motor	11kw	15kw	15kw
Stretch motor	5.5kw	7.5kw	11kw
Heating oven	Total 141kw	Total 151.5kw	Total168kw
Air Consumption	2400L/min	2800L/min	3000L/min
Machine Dimension	4000×1600×2500mm		5200×1800×2800mm
Total power	≤160kw		
Real consumption power	50% total power		
Weight	6500kgs	7500KGS	8500KGS

Plastic Cup Printing Machine

INTRODUCTION

The printing machine is widely used for printing drinking cup,ice-cream cup,fast-food bowl,Coca Cola cup and other cylindrical form or circular cone plastic products etc. It with automatic feeding cups, printing, broken cup inspection, double cups alarm, counting function etc.



SAMPLE SHOWS



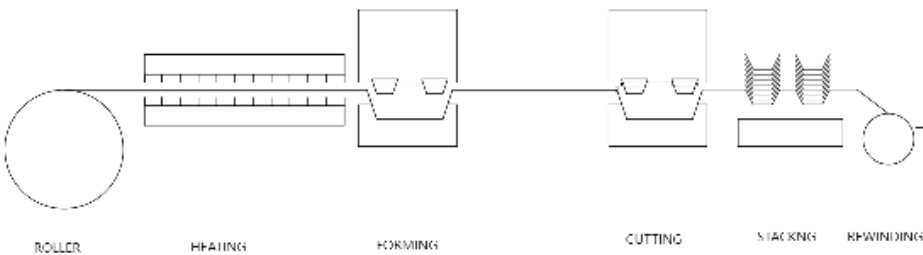
PARAMETER

Model	ATC-180	Cup material	PP/ PS/ PET/ PLA
Printing colors	4/6/8 colors optional	Cup Rim Dia.	Dia. 50-180 mm
Max Printing Depth	150mm	UV Curing power	6 kw
Cup depth	40-180mm	Total power	19 kw
Max cup body slope	5-12degree	Weight	5.5T
Max. Printing Speed	250-400 (shall be according to your cups)	Dimension (L*W*H)	6500*2600*2750mm

Platic Lid Thermoforming Machine

INTRODUCTION

This machine is suitable for forming PS, PET,PVC material sheet into different shape lids of plastic cup and others, like medicine injection tray.



PARAMETER

Model	ATC-45/28
Max. Forming Area	450×280mm
Max. Forming Depth	45mm
Stroke Adjustable Range	0--260mm
Material	HIPS, PVC, PET, PS.
Cutting Frequency	15--45(times/min)
Power	380v/220v/50HZ
Motor Power	2.2kw
Consumption	>0.2m3/min
Pressure	0.4--0.7mpa
Overall Dimensions	2500×1000×1600mm
Weight	1300kg



SAMPLE SHOWS



Auto Plastic Cup Counting&Packing Machine

INTRODUCTION

This machine is used for counting, packing and sealing cup automatically. It's easy to operate with high speed to save labor.



PARAMETER

Model	ATC-450
Cup diameter	55-100mm
Packing speed	20-50 bag/min
Packing length	260-800mm
Packing width	250-450mm
Voltage	220V 50HZ (can customized)
Power	3.5Kw
Packing material	OPP/HDPE Heat sealing film, etc
Packing material thickness	0.02-0.06mm
Dimension	5500*1000*1500mm
Weight	600kg

SAMPLE SHOWS



Plastic Cup Rim Edge Curling Machine

INTRODUCTION

This machine makes the plastic cups beautiful and safe, and revises the edge stab of cups.

PARAMETER

Model	ATC-120
Cup top diameter	50-120 mm
Packing speed	300-400cs /min
Length of cup edge rim	2.5-3 mm
Heating power	10KW
Voltage	380V/ 220V 50HZ (can customized)
Dimension	5300*1100*1300mm
Weight	1000kg



Plastic Lid Packing Machine

INTRODUCTION

This machine adopts PLC programmable automatic cycle action control and feeding film sealing and cutting, and it's used for packing lids automatically.



PARAMETER

Model	ATC-98
Packing speed	10-15times/min
Bag length	300-900mm adjustable
Cup Lid Dia	90-98mm
Packing Film Width	150-400mm
Machine Height	<120mm
Packing Specification	Depends on sample
Total Power	2.5kw
Voltage	220V 50HZ (can customized)
Dimension	2400*1800*1300mm
Weight	400kg

PET Sheet Extruder

INTRODUCTION

It is used for produce various plastic sheet of PET, PS, PP/HIPS, which can be widely used for producing plastic cup, plastic bowl, plastic tray and blister, stationery ect.



PARAMETER

Model	ATS-75
Screw diameter	75mm*2
L/D	40:1
Sheet width	910mm
Suitable material	PET/PLA/PP/PS
Sheet layer	1-3layer as choice
Sheet thickness range	0.2-1.5mm
Max. Capacity	350-400kg/h, 8Ton/D
T-Die structure	Clothes hanger type
Voltage	380V/3P/50Hz
Machine size	18000*2100*2840mm

SAMPLE SHOWS



PP PS Sheet Extruder

INTRODUCTION

This machine is for extruding PP/PS granules to PP/PS sheet, which is used for producing plastic products by plastic thermoforming machine, like cup, food boxes, trays, dishes, bowls and lids, ect.



PARAMETER

Model	ATS-110	ATS-120	ATS-135
Screw dia. (mm)	Φ110(mm)	Φ120(mm)	Φ135(mm)
L/D	35:1		
Screw run speed	80(rpm)		
Die width	850mm	950mm	950mm
Effective sheet width	780 mm	850mm	850mm
Suitable material	PP/PS/PE		
Sheet layer	1-3layer as choice		
Sheet thickness	0.3-2mm	0.4-2mm	0.4-2mm
Max output	150-250Kg/h)	250-350 (Kg/h)	350-450 (Kg/h)
Voltage	380V 50hz		
Machine size	17*2*2.6M	19*3*2.6M	20*3*2.6M
Machine weight	9T	12T	14T

Plastic Recycling Lines



Independent Crushing&Recycling Line



Independent Crusher



Crusher Working Online

INTRODUCTION

These machine are used for crushing big wasted rolls into crumbs, which can be mixed with new materail granule to produce new sheet again.

Other Auxiliary Equipment



Air Compressor



Chiller



Feeder



Material Hopper



Mixer



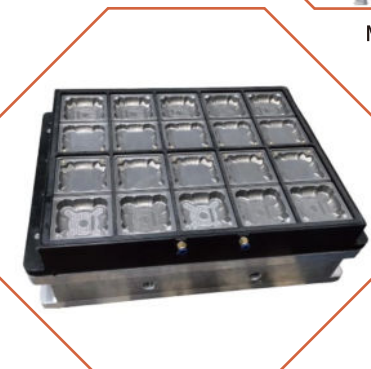
Mixing Feeder



Stacker



Water Tower



Multi-Station Mould



Cup Mould



Bops Mould



One-Station Mould