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JIACHENG®
佳诚机械

Smart Lids, Future Thermoforming Redefining Plastic Horizons

智造新「盖」念
塑见行业未来



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We Are Your Plastic Thermoforming Experts

您的
塑料成型专家

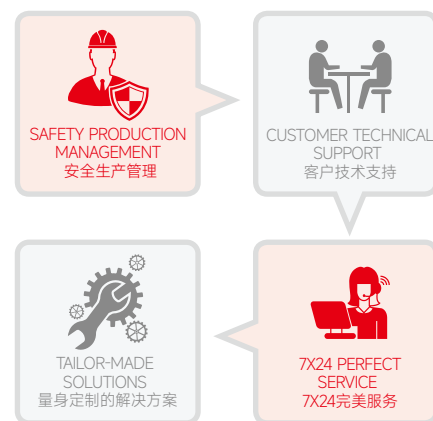


Wenzhou Jiacheng Machinery Co., Ltd. is located in China's coastal city of Wenzhou Pingyang, is a technical strength and economic strength of science and technology-based enterprises. Now the enterprise covers an area of 7613 square meters, workshop construction area of 12647.74 square meters, building construction area of 2466.59 square meters.

Wenzhou Jiacheng Machinery Co., Ltd. (formerly "Ruian City Jiacheng Machinery Factory") was founded in October 2005, in September 2014 was officially renamed "Wenzhou Jiacheng Machinery Co. Ltd." It is a technology-based enterprise specializing in the production of Cup Lid Making Machine. We have certain technical force and advanced production technology; modernized scientific management system and perfect service system, with an elite team with youthful vitality

温州佳诚机械有限公司坐落在中国海滨城市温州平阳，是一家技术力量和经济实力科技型企业。现企业占地面积7613平方、车间建筑面积12647.74平方、综合楼建筑面积2466.59平方。

温州佳诚机械有限公司（原“瑞安市佳诚机械厂”）成立于2005年10月，在2014年9月正式更名为“温州佳诚机械有限公司”，传承20年的包装专业知识，是一家专业生产成型杯盖机的科技型企业。具有一定的技术力量和先进的生产工艺；有现代化的科学管理体系和完善的服务体系，拥有一支具有青春活力的精锐团队。



Recognition is What Keeps Us Going

认同是我们
前进的坚实动力

100+
项
Items

国家发明 / 实用新型专利
National invention / utility model patents

20+
项
Items

资质认证及企业奖项
Qualifications and awards



100多项专利，10多项发明专利
每一份资质认证都是
对我们努力的深度认同

More than 100 patents, over 10 invention patents
Every qualification certification is a deep recognition of our efforts



JCCX-600A

Automatic Multi-Station Thermoforming Machine

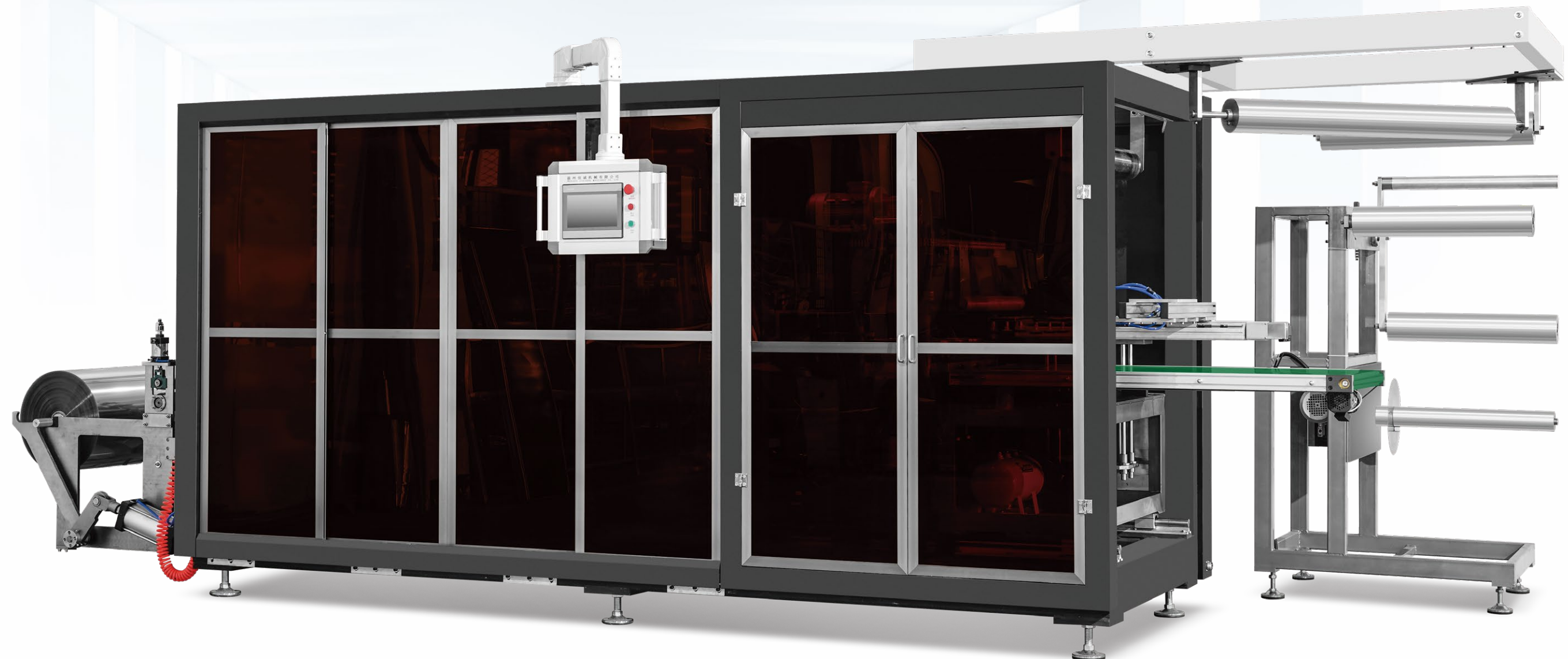
全自动多工位成型机



APPLICATION 适用范围

It is applicable to the plastic ware such as PVC, PET, PS medicine trays, and cup lids, thermoforming boxes, containers, etc.

本机适用于正压成型类杯盖以及医疗器械、食品、电子、小五金等行业的各种规格冷热饮杯盖以及医疗器具、轻工食品、糖果、电子元器件、小五金产品的托盘及杯盖。



JCCX-600A

Automatic Multi-Station Thermoforming Machine

全自动多工位成型机

PERFORMANCE FEATURES 性能特点

The machine has a reasonable design and novel structure. It adopts air clip servo traction, has synchronous assembly line operation of heating, forming, cutting and waste collection, and has excellent performance of adjustable machine tool guide rail stroke. The production process is intuitive, the operation and maintenance are convenient, and the functions are complete. It has the following obvious characteristics:



The servo distance adjustment device is used to enable various molds to move left and right on the circular guide rail of the machine base, which can adapt to the packaging of products of different specifications, expand the application range of the machine, and make test easier. 采用了伺服调距装置，能使各种模具在机座圆导轨上左右移动，能适应不同规格产品的包装，扩大了机器的适用范围，调试更加的简便。



Adopt servo motor traction device, the stroke between 120~400mm adjustable. 采用气缸夹持伺服牵引装置，牵引行程能在120—400mm间无级可调。



Suitable mold types can be selected according to product needs to achieve the best forming effect. 可根据产品需要，在设备中选择凹模成型或凸模成型，达到最佳成型效果。

该机设计合理，结构新颖，采用气夹伺服牵引，具有加热板、成型、冲切、堆叠、收废料同步流水线作业，并有机床导轨式行程可调的优异性能，生产过程直观、操作维修方便、功能齐全，具备以下明显的特点：



The secondary plate heating method of preheating first and then heating is adopted. The heating area corresponds to the forming area, ensuring that the heating temperature of the material meets the requirements of positive pressure forming, so that the material shrinkage rate is kept at the lowest stable amount, thereby ensuring the forming quality of the product. The product has higher transparency after forming, clear surface without lines, and greatly improves the appearance of the product. Compared to tile heating methods, it saves more electricity.

采用先预热后加热的二次对版加热方式，加热区域对应成型区域确保了材料加热温度达到正压成型要求，使材料收缩率保持最低稳定量，从而保证产品成型质量。使产品成型后透明度更高、表面清晰无纹路，大大提高产品的美观度。对比瓦式加热方式，从而更加省电。



The pneumatic systems are all photoelectrically controlled and can be programmed through PLC to ensure accurate operation of each mechanism and ensure synchronous stability of products during multi-station and long-distance operation. 气动系统均采用光电控制，通过PLC可编程，使各机构准确无误的运行，使产品在多工位、长距离的运行中保证同步的稳定性。

TECHNICAL PARAMETERS 主要技术参数

JCCX-600A/B

冲裁频率	Punch speed	10-30次/分(times/minute)，6—12版/次(plates/time)
生产能力	Capacity	15000版/小时（按12版/次，21次/分，计算） 15000plates/hour(calculated based on 12 plates/time, 21 times/minute)
最大成型面积	Max. Forming area	570×400mm
最大成型深度	Max. Forming depth	80mm
牵引行程	Traction stroke	标准(Standard)：120—400mm
版块规格	Plate size	可按用户要求设计Accept customization
包装材料	Raw material	PVC、PET、PS，0.15—0.75mm 卷轴孔径均为(roll)：70—76mm
总功率	Total power	约(Around) 38Kw
运行功率	Running power	约(Around) 19Kw
气泵容量	Air pump	>0.6m³（自备）压力 Air pressure: 0.6—0.8Mpa
模具冷却	Mold cooling	20°C，冷水机循环水(Chiller circulating water) 耗量50L/H
外形尺寸	Overall dimension	6800×1700×2300mm（L×W×H）
整机重量	Weight	5500kg

JCPP-600A

冲裁频率	Punch frequency	15-35次/分(times/minute)
最大成型面积	Max. Forming area	600*400mm
最大成型深度	Max Forming depth	70mm
牵引行程	Stroke	220-400mm
包装材料	Raw material	PP/PET/PVC/PS 卷轴孔径均为(roll)：75mm 硬片(material sheet)：0.15-0.5mm
加热功率	Heating power	71kw
电机功率	Motor power	14kw
总功率	Total power	85kw（380V）
气泵容量	Air pump	压力（Pressure）：0.6-0.8Mpa
模具冷却	Mold cooling	20°C 自来水/循环水(tap water or recycle water)
外形尺寸	Overall dimension	8200×1900×2300mm（长×宽×高）（L*W*H）
整机重量	Weight	7000Kg



JCPP-520A

Automatic Multi-station Thermoforming Machine

全自动多工位成型机



MACHINE DESCRIPTION

JCPP-520A Automatic Multi-Station Thermoforming Machine is developed by our research and development department, according to the demand of packing market. Absorbing the advantages of aluminum-plastic blister packaging machine and plastic molding machine, the new machine developed according to the requirements of medical "GMP" and food "QS" standards.

Machine adopts automatic forming, punching and cutting as the special properties of product requires of the users. With advanced technology, safe and simple operation, avoiding the consumption of labor caused by manual punching and the pollution caused by the employees during work, guarantee the quality of products. The machine equipped with matrix heating tile infrared radiation heating, low power consumption, small external footprint, economical and practical. So the machine is widely used in manufacturing lids, covers, trays, plates, boxes.

产品介绍

JCPP-520A杯盖成型机，是我公司科研人员根据现实包装市场需求开发。吸取铝塑泡罩包装机和吸塑成型机的优点，按医药"GMP"以及食品"QS"标准要求研发的新型产品。

该机可根据用户要求产品的特殊性采用成型、冲孔、冲切、全自动流程运转，技术先进、安全简便操作，避免以往人工冲孔带来的劳动力消耗与工作员工接触带来的污染，保证了产品生产过程中质量要求，该设备采用了矩阵形加热瓦红外辐射式加热生产耗电小，外型占地面积小，经济实用，广泛用于食品、医药、五金等行业生产。

JCPP-520A

Automatic Multi-station Thermoforming Machine

全自动多工位成型机

PERFORMANCE FEATURES 性能特点

BOPS, PVC, PET, PS, PP as raw material, manufacturing lids, covers, trays, plates, boxes, food and medical trays, etc. Welcomed by our customers.



The machine realizes intelligent control through the combination of programmable controller (PLC), man-machine interface, encoder, photoelectric system, etc., and the operation is simple and intuitive. 通过可编程控制器（PLC）、人机界面、编码器、光电系统等有机结合实现智能化控制，操作简单直观。



Adopt the coaxial mechanical transmission mode to make the synchronization performance more reliable and stable. 采用同轴式机械传动方式同步性能可靠稳定。



Automatic lifting and loading material system is safe and labor-saving, upper and lower radiation preheating device temperature control system is stable to ensure uniform heating, various molding methods to ensure the appearance of the product is beautiful, servo traction are intelligent and reliable, punching and punching knife are durable and no burr, mold replacement is simple, main engine adopts the frequency conversion speed regulation to run smoothly. 自动提升上料系统安全省力、辐射式上下预热装置温控稳定受热均匀、多种成型方式泡壳挺括美观、伺服牵引智能可靠、冲孔、冲切刀具经久耐用无毛刺、模具更换简便、主机采用变频调速运行平稳。



Adopt matrix heating tile infrared radiation heating, high-precision temperature control system for temperature control. 加热方式采用矩阵形加热瓦红外辐射式加热，高精度温控系统进行温度控制。

适用于BOPS、PVC、PET、PS、PP医药托盘，杯盘、食品盒塑料制品等。



The fixed-point servo traction system equipped with the gear chain, and the material of chain guide rail is provided with a heat-treated aluminum profile and has a cooling system, stroke positioning is accurate and long service life. 牵引采用全齿式链条定点伺服牵引，链条导轨为热处理铝型材配有冷却系统，行程定位准确，使用寿命高。



Adopt planar linkage mechanism is to make larger transmission force, smaller inertia effect, stable operation, and larger pressure cutting force. Equipped with intelligent servo control system, laser knife is small in size, low in cost, convenient in adjustment and replacement, after the finished product is cut, the product is smooth and no burr. 采用平面连杆机构传递力量大、惯性作用小运行平稳压切力大，配备伺服系统智能控制，所使用的激光刀具体积小、成本低、调整更换方便，成品压切后断口光滑无毛刺。



This machine is also equipped with a powerful automatic servo stacking system, which can save labor costs for users. 本机还配备有强大伺服自动堆叠系统，可为广大用户大大节省人工成本。



The appearance of the whole machine is sprayed and the appearance is beautiful and easy to maintain. 整机外观喷塑处理，外形美观大方。

TECHNICAL PARAMETERS 主要技术参数

JCPP-520A

型号	Model	JCPP-520A
冲裁频率	Punch frequency	10-35次/分(times/minute) 6-12版/次
生产能力	Capacity	13500版/时(按15版/次, 15次/分计算)
最大成型面积	Max. Forming area	480x350mm
最大成型深度	Max. Forming depth	58mm
牵引行程	Stroke	20-350mm
包装材料	Raw material	PP/PS/PET/PVC/BOPS; 卷轴孔径均为(roll): 75mm 硬片(material sheet): 0.15-1.2mm
加热功率	Heating power	上加热(up heating): 26Kw; 下加热(down heating): 16Kw
主电机功率	Main motor power	2.2Kw
总功率	Total power	约48Kw (380V)
气泵容量	Air pump	>0.6m ³ (自备), 压力: 0.4-0.8Mpa
模具冷却	Mold cooling	20°C, 自来水/循环水(tap water or recycle water)
外形尺寸	Overall dimension	6430x2300x1900mm
整机重量	Weight	3300Kg



JC-500B2

Automatic Cup Lids Thermoforming Machine

全自动杯盖成型机



MACHINE DESCRIPTION 产品介绍

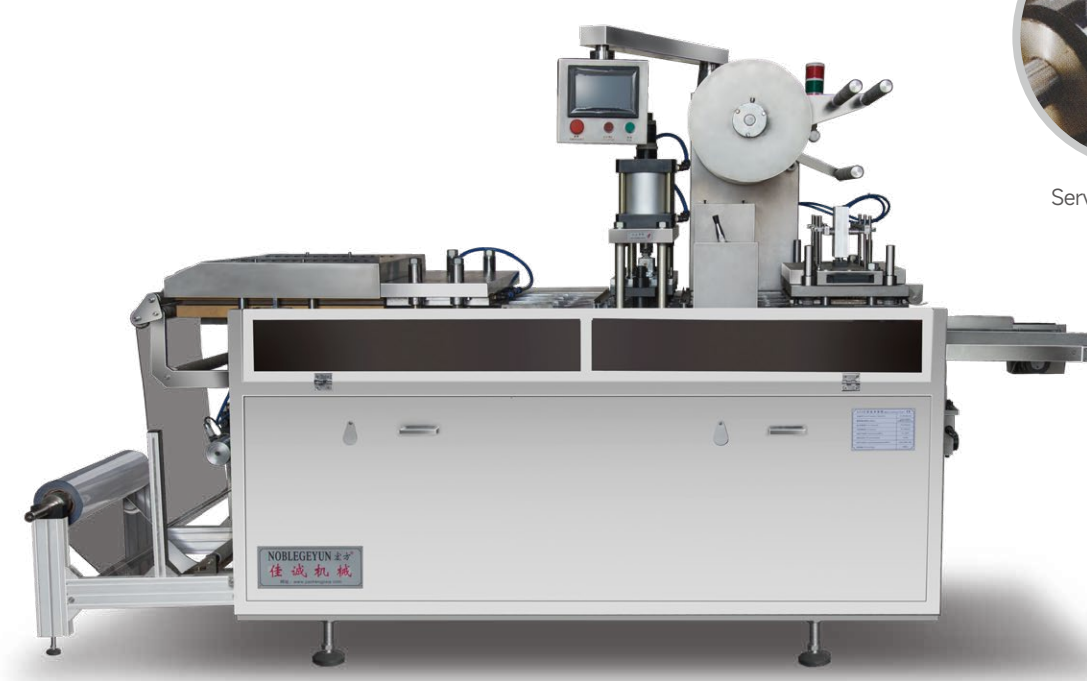
JC-500B2/C Automatic Plastic Thermoforming Machine is developed by our research and development department, according to the demand of packing market. Absorbing the advantages of aluminum-plastic blister packaging machine and plastic molding machine, the new machine developed according to the requirements of medical "GMP" and food "QS" standards. Machine adopts automatic forming, punching and cutting as the special properties of product requires of the users. With advanced technology, safe and simple operation, avoiding the consumption of labor caused by manual punching and the pollution caused by the employees during work, guarantee the quality of products. The machine equipped with panels heating, low power consumption, small external footprint, economical and practical. So the machine is widely used in manufacturing lids, covers, trays, plates, boxes.

JC-500B2/C 全自动杯盖成型机，是我公司科研人员根据现实包装市场需求开发。吸取铝塑泡罩包装机和吸塑成型机的优点，按医药“GMP”以及食品“QS”标准要求研发的新型产品，该机可根据用户要求产品的特殊性采用成型、冲孔、冲切、全自动流程运转，技术先进、安全简便操作，避免以往人工冲孔带来的劳动力消耗与工作人员接触带来的污染，保证了产品生产过程中质量要求，该设备采用了对版式加热生产耗电小，外型占地面积小，经济实用，广泛用于食品、医药、五金等行业生产。

JC-500C

Automatic Cup Lids Thermoforming Machine

全自动杯盖成型机



Servo Motor Traction
伺服电机牵引

TECHNICAL PARAMETERS 主要技术参数

JC-500B2/C

<div>PVC</div> <div>PET</div> <div>PS</div>	型号	Model	JC-500B2	JC-500C
	冲裁次数	Punch speed	15-40 次/分(times/minute)	15-40次/分(times/minute)
	最大成型面积	Max. Forming area	470x280mm	470x290mm
	最大成型深度	Max. Forming depth	47mm	47mm
	行程范围	Stroke	60-300mm	60-300mm
	包装材料	Raw material	PVC、PET、PS; 卷轴孔径均为(roll): 75mm 硬片(material sheet): 0.15-0.6x510mm	
	电源总功率	Total power	10.5Kw (380V)	
	压缩空气	Compressed air(Mpa)	0.6-0.8Mpa	
	模具冷却	Mold cooling	20°C冷水机循环水(tap water or recycle water), 耗量50L/H	
	外形尺寸	Dimension	3500x860x1800mm	3500x900x1800mm
	整机重量	Weight	2300Kg	2400Kg

JC-500D

Automatic Cup Lids Thermoforming Machine

全自动杯盖成型机

PVC



PET



PS



MACHINE DESCRIPTION 产品介绍

JC-500D Automatic Cup Lids Thermoforming Machine are developed by our research and development department, according to the demand of packing market. Absorbing the advantages of aluminum-plastic blister packaging machine and plastic molding machine, the new machine developed according to the requirements of medical "GMP" and food "QS" standards.

Machine adopts automatic forming, punching and cutting as the special properties of product requires of the users. With advanced technology, safe and simple operation, avoiding the consumption of labor caused by manual punching and the pollution caused by the employees during work, guarantee the quality of products. The machine equipped with panels heating, low power consumption, small external footprint, economical and practical. So the machine is widely used in manufacturing lids, covers, trays, plates, boxes.

JC-500D杯盖成型机，是我公司科研人员根据现实包装市场需求开发。吸取铝塑泡罩包装机和吸塑成型机的优点，按医药"GMP"以及食品"QS"标准要求研发的新型产品。

该机可根据用户要求产品的特殊性采用成型、冲孔、冲切、全自动流程运转，技术先进、安全简便操作，避免以往人工冲孔带来的劳动力消耗与工作时员工接触时带来的污染，保证了产品生产过程中质量要求，该设备采用了对板式加热生产耗电小，外型占地面积小，经济实用，广泛用于食品，医药，五金等行业生产。

JC-500D

Automatic Cup Lids Thermoforming Machine

全自动杯盖成型机

PERFORMANCE FEATURES 性能特点

PVC, PET, PS, as raw material, manufacturing lids, covers, trays, plates, boxes, food and medical trays, etc. Welcomed by our customers.



The automatic control is realized by the combination of programmable controller (PLC), man-machine interface, photoelectric system and three-servo system, digitization operation is simple and intuitive. 通过可编程控制器（PLC）、人机界面、光电系统、三伺服系统等有机结合实现智能控制，数据化操作简单直观。



Automatic lifting and loading material system is safe and labor-saving, plate type upper and lower preheating device temperature control system is stable to ensure uniform heating, various molding methods to ensure the appearance of the product is beautiful, servo traction are intelligent and reliable, punching and punching knife are durable and no burr, strong pressure cutting laser knife has low cost and good effect, mold replacement is simple, main engine adopts the frequency conversion speed regulation to run smoothly. 自动提升上料系统安全省力、板式上下预热装置温控稳定受热均匀、多种成型方式泡壳挺括美观、伺服牵引智能可靠、冲孔刀经久耐用无毛刺、强力压切激光刀具成本低效果好、模具更换简便、主机采用变频调速运行平稳。



The roller servo traction system makes the machine run more stable and reliable, increases the traction length and can directly set the traction length and traction speed in the man-machine interface through PLC programming, which increases the forming area and expands the applicable range of the machine. 采用伺服滚轮牵引系统使设备运行更加稳定可靠，增加了牵引长度且通过PLC编程可在人机界面内直接设定牵引长度、牵引速度，加大了成型面积的同时也扩展了设备的适用范围。

PVC、PET、PS医药托盘，杯盖成型盒等塑料制品，深受国内外用户的欢迎。



Adopt planar linkage mechanism is to make larger transmission force , smaller inertia effect, stable operation, and larger pressure cutting force. Equipped with intelligent servo control system, laser knife is small in size, low in cost, convenient in adjustment and replacement, after the finished product is cut, the product is smooth and no burr. 采用平面连杆机构传递力量大、惯性作用小运行平稳压切力大，配备伺服系统智能控制升程、速度可调。所使用的激光刀具体积小、成本低、调整更换方便，成品压切后断口光滑无毛刺。



The whole body is welded by steel box, the structure is firm and no deformation, the bracket and the box are under pressure molding, high density and no air holes, and the appearance is evenly wrapped with stainless steel, which is beautiful and easy to maintain. 整体机身采用钢板箱式焊接结构牢固无变形，支架、箱体受压精铸成型高密度无气孔，外观均用不锈钢包裹美观大方。



This machine is also equipped with a powerful automatic servo stacking system, which can save labor costs for users. 本机还配备有强大伺服自动堆叠系统，可为广大用户大大节省人工成本。



Can be equipped with the function of cursor-to-page. 可配光标对版功能。

TECHNICAL PARAMETERS 主要技术参数

JC-500D

型号	Model	JC-500D
冲裁速度	Punch speed	15-35 次/分 (times/minute)
最大成型面积	Max. Forming area	480x320mm
最大成型深度	Max. Forming depth	47mm
行程范围	Stroke	60-330mm
包装材料	Raw material	PVC/PET/PS, 卷轴孔径(roll): 75mm 硬片(material sheet): 0.15-0.6x510mm
模具冷却	Mold cooling	20°C冷水机循环水(tap water or recycle water), 耗量50L/H
压缩空气	Compressed air	0.6-0.8Mpa
电源总功率	Total power	13.5Kw (380V)
外型尺寸	Overall dimension	4550x1850x1800mm
整机重量	Weight	2700Kg



JC-500E

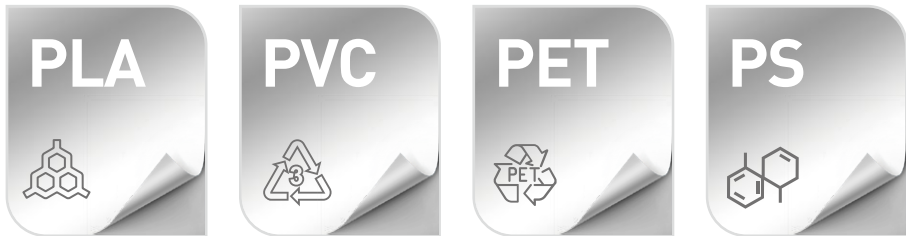
Automatic Cup Lids Thermoforming Machine

全自动杯盖成型机

MACHINE DESCRIPTION 产品介绍

JC-500E Automatic Plastic Thermoforming Machine is developed by our research and development department, according to the demand of packing market. Absorbing the advantages of aluminum-plastic blister packaging machine and plastic molding machine, the new machine developed according to the requirements of medical “GMP” and food “QS” standards. Machine adopts automatic forming, punching and cutting as the special properties of product requires of the users. With advanced technology, safe and simple operation, avoiding the consumption of labor caused by manual punching and the pollution caused by the employees during work, guarantee the quality of products. The machine equipped with panels heating, low power consumption, small external footprint, economical and practical. So the machine is widely used in manufacturing lids, covers, trays, plates, boxes.

JC-500E 全自动杯盖成型机，是我公司科研人员根据现实包装市场需求开发。吸取铝塑泡罩包装机和吸塑成型机的优点，按医药“GMP”以及食品“QS”标准要求研发的新型产品，该机可根据用户要求产品的特殊性采用成型、冲孔、冲切、全自动流程运转，技术先进、安全简便操作，避免以往人工冲孔带来的劳动力消耗与工作人员接触带来的污染，保证了产品生产过程中质量要求，该设备采用了对版式加热生产耗电小，外型占地面积小，经济实用，广泛用于食品、医药、五金等行业生产。



TECHNICAL PARAMETERS 主要技术参数

JC-500E

型号	Model	JC-500E
冲裁次数	Punch speed	15-40次/分(times/minute)
最大成型面积	Max. Forming area	470x290mm
最大成型深度	Max. Forming depth	47mm
行程范围	Stroke	60-300mm
包装材料	Raw material	PLA、PVC、PET、PS; 卷轴孔径均为(roll): 75mm 硬片(material sheet): 0.15-0.6x510mm
电源总功率	Total power	10.5Kw (380V)
压缩空气	Compressed air(Mpa)	0.6-0.8Mpa
模具冷却	Mold cooling	20℃冷水机循环水(tap water or recycle water), 耗量50L/H
外形尺寸	Dimension	3500x900x1800mm
整机重量	Weight	2400Kg





Looking forward to working with you
期待与您的合作