台州创真机械制造有限公司
TAIZHOU CHUANGZHEN MACHINERY MANUFACTURING CO.,LTD

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台州创真机械制造有限公司
TAIZHOU CHUANGZHEN MACHINERY MANUFACTURING CO.,LTD

CORPORATE CULTURE

企业使命
ENTERPRISE MISSION

- 助力客户持续成长，实现事业理想
- 让客户得到安全透明、方便快捷的服务
- 让客户管理更简单、更高效
- 引领行业健康、规范发展

Help customers to continue to grow and realize their career ideals
Let customers get safe, transparent, convenient and fast service
Make customer management simpler and more efficient
Leading the healthy and standardized development of the industry

ABOUT CZJX 公司简介

台州市创真机械制造有限，位于浙江 台州市黄岩区澄江工业区，主营塑料瓶盖成型机、折边机、切口机等。公司秉承"顾客至上，锐意进取"的经营理念，坚持"客户第一"的原则为广大客户提供优质的服务。

公司为客户提供高效益、高品质的瓶盖生产线。公司全自动瓶盖成型机是用来生产各种塑料瓶盖，主要为矿泉水瓶、碳酸饮料、高温果汁、日用品、化妆品瓶、医药用品、食用油及各种白酒瓶盖等。机型主要由16-48腔组成，模具互配一机多用，操作简单，机器原件及其它附件均由世界著名厂商提供，保证了机器的稳定运行，从而真正实现了瓶盖生产的全自动化，高效率。自动瓶盖机日产量可达到100万只，能有效节约劳动力和空间成本，高效节能有利于您短期内实现回收成本和盈利。

欢迎来公司洽谈，我们将以优异的品质，周到的服务满足您的需求。

Taizhou Chuangzhen Machinery Manufacturing Co., LTD., located in Chengjiang Industrial Zone, Huangyan District, Taizhou City, Zhejiang Province, the main plastic bottle cap forming machine, folding machine, cutting machine, etc. Companies adhering to the "customer first, forge ahead" business philosophy, adhere to the "customer first" principle to provide our customers with quality service.
The company provides customers with high efficiency, high quality bottle cap production line. The company's automatic bottle cap forming machine is used to produce all kinds of plastic bottle caps, mainly for mineral water bottles, carbonated beverages, high temperature juice, daily necessities, cosmetics bottles, medical supplies, edible oil and a variety of liquor bottle caps. The machine is mainly composed of 16-48 cavities, the mold is multi-purpose, simple operation, the machine parts and other accessories are provided by the world famous manufacturers, to ensure the stable operation of the machine, so as to truly realize the full automation and high efficiency of the bottle cap production. The daily output of the automatic bottle cap machine can reach 1,000,000, which can effectively save labor and space costs, and high efficiency and energy saving are conducive to your short-term recovery costs and profits.
Welcome to the company to negotiate, we will be excellent quality, thoughtful service to meet your needs.

模压机瓶盖成型工作原理
MACHINE BOTTLE CAP FORMING PRINCIPLE

- 塑料制盖机是将颗粒状的塑料原料经加热后，由螺杆带动,将其从挤出口挤出，并被分料盘均匀分配给每一个成型模腔,再由模压成型系统制成各种塑料瓶盖。
- 本机装有完整的PLC控制系统,配有变频调速系统、液压系统、温控系统和冷却系统,采用人机对话的操作方式,使设备使用极为简便。它与注塑机制盖相比，在产量相同的条件下，大大降低制盖成本。由于无浇注点，无流道废料,使产品外观及品质更趋完美。
- Cap molding machine is for making caps from plastic materials. The heated materials are extruded from extruder, cutted by segregation plate through screw driving and shared to each cavity equably, then molded to be caps by forming system.
- The machine is controlled by PLC, including frequency control system, hydraulic system, lemperalure conlrol syslem and cooling syslem. The operaling syslem is easy andautomatic with man-machine conversation. As same production capacity, its cost is much lower than produced caps from injection machine. It perfects products with this technology, since there is no gate on cap or no waste of hot runner.

制盖布局图
Compression Molding Cap Machine Layout

全自动高速瓶盖模压机 Automatic high speed cap molding machine
1. 在线摄像检测系统 1. Inspection System
2. 盖冷却装置 2. Cap Cooler
3. 储盖箱 3. Cap Storage
4. 理盖机 4. Cap Sorter
5. 切环机 5. Slitting Machine
装箱 Packagings

STRIPPER / PUNCH / INSERTING UNIT / PRIPE PELLET PORTION / MOULD
1 2 3 4

CZJX 全自动瓶盖成型机
CZJX Cap Compression Molding Machine

CZJX 全自动瓶盖成型机特点

1. 本机工艺制作的瓶盖无注射点，瓶盖品质优良，外观美观。
2. 本机采用多磨高速旋转压制方式进行生产，确保高产能。
3. 本机以旋转的方式气动辅助退出螺纹模，避免了强脱模造成的螺纹损伤。
4. 本机结构紧凑，全自动化操作。
5. 本机更换材料和模具方便容易，维护简单节时。

1. Compression molded caps are all in excellent quality, beautiful appearance without injection dot.
2. Multi-mold rotating producing way to compress caps; ensure high capacity.
3. Adopts new hydraulic & servo controlling system; ensure accurate control and stable operation.
4. Adopts a rotating pneumatic way to eject the caps from the moulds to avoid any damage of the thread.
5. Compact structure with automatic operation.
6. Easy to change raw material & mold; Simple&time-saving for maintenance.

CZJX 全自动瓶盖成型机特点

旋转盘 Rotary table

1. 采用球墨铸铁制造，强度高，使用寿命长；
2. 整体由一块铸件经国外先进设备加工处理而成，确保开合模精度。

1. Rotary table is made of graphite cast iron to ensure high strength and long life time.
2. Rotary table is processed on a casting monobloc by imported advanced equipments to assure the precision of claming.

压盖模 Cap compression mold

1. 主要零部件均采用进口材料制造，模具使用寿命长，瓶盖质量稳定；
2. 所有滑动零件接触面采用自润滑技术，耐磨损；各成型零件均经表面处理硬化，摩擦面配合稳定，经久耐用。
3. 设计合理，易拆装，便于维修。

1. Main parts are made of imported mold steel, assure long mold life and guarantee cap quality.
2. Self-lubricating technology has been adopted; ensure good wear-resistance and long mold life.
3. Excellent design; easy to assemble&disassemble, and easy to do maintenance

CZJX 全自动瓶盖成型机参数
CZJX Cap Compression Molding Machine parameters

压盖机24腔参数 Capping machine 24 cavity parameters

主要部分的技术特性		Main Technical Features
设备型号	CZJX-24	Type CZJX-24
适用原材料	PP/HDPE/LDPE/PTE	Suitable raw material PP/HDPE/LDPE/PTE
生产效率	15000-22000(pcs/hr)	Production efficiency 15000-22000(pcs/hr)
制盖直径	15-60mm	Cap diameter 15-60mm
制盖高度	10-35mm	Cap height 10-35mm
模腔数量	24	Mold cavity number 24
实际耗能	40-50kw	Actual energy consumption 40-50kw
压缩空气	0.8Mpa:1.5m³	Compressed air 0.8Mpa:1.5m³
电源电压(三相五线)	380v 50Hz	The power supply voltage (three-phase five wire) 380v 50Hz
全机重量	5500kg	Total machine weight 5500kg
外形尺寸	3700x1600x2200mm	Outline dimension 3700x1600x2200mm

压盖机36腔参数 Capping machine 36 cavity parameters

主要部分的技术特性		Main Technical Features
设备型号	CZJX-36	Type CZJX-36
适用原材料	PP/HDPE/LDPE/PTE	Suitable raw material PP/HDPE/LDPE/PTE
生产效率	30000-36000(pcs/hr)	Production efficiency 30000-36000(pcs/hr)
制盖直径	15-60mm	Cap diameter 15-60mm
制盖高度	10-35mm	Cap height 10-35mm
模腔数量	36	Mold cavity number 36
实际耗能	50-60kw	Actual energy consumption 50-60kw
压缩空气	0.8Mpa:2.0m³	Compressed air 0.8Mpa:2.0m³
电源电压(三相五线)	380v 50Hz	The power supply voltage (three-phase five wire) 380v 50Hz
全机重量	6500kg	Total machine weight 6500kg
外形尺寸	4000x1800x2200mm	Outline dimension 4000x1800x2200mm

压盖机高速24腔参数 Capping machine high 24 cavity parameters

主要部分的技术特性		Main Technical Features
设备型号	CZJX-24H	Type CZJX-24H
适用原材料	PP/HDPE/LDPE/PTE	Suitable raw material PP/HDPE/LDPE/PTE
生产效率	35000-42000(pcs/hr)	Production efficiency 35000-42000(pcs/hr)
制盖直径	15-60mm	Cap diameter 15-60mm
制盖高度	10-35mm	Cap height 10-35mm
模腔数量	24	Mold cavity number 24
实际耗能	50-60kw	Actual energy consumption 50-60kw
压缩空气	0.8Mpa:3.0m³	Compressed air 0.8Mpa:3.0m³
电源电压(三相五线)	380v 50Hz	The power supply voltage (three-phase five wire) 380v 50Hz
全机重量	7500kg	Total machine weight 7500kg
外形尺寸	4300x2000x2300mm	Outline dimension 4300x2000x2300mm

模具独有优势 >>
MOULD UNIQUE ADVANTAGE

材料Material

- 主要选用国际知名专用材料作为瓶盖模具用料，具备优良的耐腐蚀性及抛旋光性，同时耐磨性能优良，机械加工性良好，淬火稳定性优良。牙套采用高硬度，高耐磨性合金钢，不易烧死。
- The main cap mold material use proprietary matreial, it has excellent wear resistance, corrosion resistance and polishing ofoptical activity, good machinability, and quench stability. Braces with high hardness, high wear resistance of the alloy steel, not easy to burn.

涂层Coating

- 瓶盖模具指定交付世界一流的涂层供应商-瑞士公司进行涂层处理，其涂层厚度极薄、与钢材结合力强，硬度高，降低摩擦和减缓磨损，可有效延长模具使用寿命2-6倍
- Cap mould specified coating by Swiss company, the coating thickness of thin steel, and strong bonding force, high hardness, lower friction and wear reducing, can effectively extend the use life of the molds 2-6 times.

硬化处理Hardening

- 创真机械瓶盖模具所有机械工序均使用精密机械加工设备进行加工，最终精度普遍达2-3um,能有效满足瓶盖的尺寸公差要求创真机械模具达到互换的要求。
- We choose Sweden company to process the hardening heat treatment, the Rockwell hardness can reach 58-60HRC after the step, while its small distortion of heat treatment. The company strict standard of the mold material, appearance, deformation degree, hardness and so on when process, and fully guarantee the quality of cap mold hardening.

精度 Precision

- 硬化热处理同样选用国际知名热处理品牌-瑞典公司，硬化后洛氏硬度可达58-60HRC，同时其热处理变形小。该公司在工艺上对模具材料、外观、变形程度、硬度等方面进行严格的检查，充分保证瓶盖模具的硬化质量。
- All molds processes by Foreign CNC centre, the final accuracy generally generally reached 2-3 2-3um, can effectively meet the requirements of size tolerance bottle, Chuangzhen's mold can achieve the requirements ofexchange.

PLC全自动高速切环一体机
PLC Full-automatic High Speed Slitting Machine

专用刀片 SPECIAL BLADE
2.5-3.8W CAPS/H 生产效率
3.2KW 生产功率

该机用于瓶盖环切之用,该机结合气体系统、可编程控制器的自动控制来实现塑料瓶盖的理盖,排盖、和输出,并且可以调节切线缝隙大小和环高度。使用本机加工出的瓶盖外观更美观。
This machine is used for bottle cap ring cutting.
This machine combines the automatic control of the gas system and programmable controller to realize the cap sorting, cap arrangement and output of plastic bottle caps. It can also adjust the tangent gap size and ring height.
The bottle caps processed by this machine have a more beautiful appearance.

机器技术参数 Technical Parameters

型号 Model	生产效率 Capacity	制盖直径 Cap Diameter	制盖高度 Cap Height	总功率 Total Power	耗气量 Air Consumption	电压 Voltage	机器尺寸 Machine Size (LxWxH)	机器重量 Machine Weight
CZ-PLCQZ	25000-38000 caps/h	15-100mm	12-50mm	3.2Kw	0.6Mpa	220V,50-60Hz	2480x1350x2300mm	750Kg

以上参数仅供参考,不断研发改进,如有变动,恕不另行通知。All specifications and designs are subject to change without notice.

瀑布式全自动高速切环折叠机
Waterfall Type Auto Cap Folding-cutting Machine

2.0-3.0W CAPS/H 生产效率
专用刀片 SPECIAL BLADE

本机器结合了切环机和折叠机的性能,并且能够快速有效地传输瓶盖,有效地结合主机之间的工作环节，实现瓶盖全自动化生产线。
This machine combines the performance of a ring cutting machine and a folding machine, and can quickly and effectively transfer bottle caps, effectively combining the working links between hosts to achieve a fully automated production line for bottle caps.

机器技术参数 Technical Parameters

型号 Model	生产效率 Capacity	制盖直径 Cap Diameter	制盖高度 Cap Height	总功率 Total Power	电压 Voltage	机器尺寸 Machine Size (LxWxH)	机器重量 Machine Weight
CZ-PQZ	20000-30000 caps/h	15-100mm	12-50mm	2.5Kw	220V,50-60Hz	3500x1050x2300mm	610Kg

以上参数仅供参考,不断研发改进,如有变动,恕不另行通知。All specifications and designs are subject to change without notice.

瀑布式全自动高速切环折叠机
Waterfall Type Auto Cap Folding-cutting Machine

CZ-ZQ 全自动切环折叠一体机
CZ-QZ 全自动切环折叠一体机
2.0-3.0W CAPS/H 生产效率
2-2.2 KW 生产功率

CZ-ZQ 全自动切环折叠一体机 Auto Cap Folding-cuttig Machine
CZ-QZ 全自动切环折叠一体机 Auto Cap Folding-cuttig Machine

本机器结合了切环机和折叠机的性能，并且能够快速有效地传输瓶盖,有效地结合主机之间的工作环节，实现瓶盖全自动化生产线。
This machine combines the performance of a ring cutting machine and a folding machine, and can quickly and effectively transfer bottle caps, effectively combining the working links between hosts to achieve a fully automated production line for bottle caps.

型号 Model	生产效率 Capacity	制盖直径 Cap Diameter	制盖高度 Cap Height	总功率 Total Power	耗气量 Air Consumption	电压 Voltage	机器尺寸 Machine Size (LxWxH)	机器重量 Machine Weight
CZ-ZQ	20000 caps/h	15-100mm	12-50mm	3.2Kw	0.6Mpa	220V,50-60Hz	2800x1300x1800mm	680Kg
CZ-QZ	20000-30000 caps/h	15-100mm	12-50mm	3.2Kw	0.6Mpa	220V,50-60Hz	2800x1300x1800mm	680Kg

以上参数仅供参考,不断研发改进,如有变动,恕不另行通知。All specifications and designs are subject to change without notice.

全自动防盗瓶盖折叠机
Anti-heft Automatic Folding Machine

1.6-2.5W CAPS/H 生产效率

防盗瓶盖折叠机是针对一些设计复杂,防盗环中防盗片较长,且向外翘起的,不容易套在瓶子上的瓶盖而精心设计的,有效地解决了瓶盖防盗环的内折问题
The folding machine is specially developed for those complex lids hard to match with bottle because the built-in anti-theft ring extends outward.

机器技术参数 Technical Parameters

型号 Model	生产效率 Capacity	制盖直径 Cap Diameter	制盖高度 Cap Height	总功率 Total Power	电压 Voltage	机器尺寸 Machine Size (LxWxH)	机器重量 Machine Weight
CZ-ZD	16000-25000 caps/h	15-100mm	12-50mm	1.3Kw	220V,50-60Hz	2100x880x1700mm	510Kg

以上参数仅供参考,不断研发改进,如有变动,恕不另行通知。All specifications and designs are subject to change without notice.

部分产品参数
Part Of The Product Parameters

A1881CSD-5
Size:28mm
Material:HDPE
Weight:2.50g
Application:CSD
Cycle time:4.7s

A1881CSD-6
Size:28mm
Material:HDPE
Weight:2.52g
Application:CSD
Cycle time:4.7s

PC1881
Size:28mm
Material:HDPE
Weight:2.20g
Application:CAF&W
Cycle time:4.2s

PC1881-4
Size:28mm
Material:PPcopolymer
Shell weight:2.5g
Liner weight:0.24g
Application:CSD
Cycle time:4.2s

S28CSD-8
Size:28mm
Material:HDPE
Weight:2.80g
Application:CSD
Cycle time:4.7s

S26W-2
Application:W
Material:HDPE
Weight:0.90g
Thread:3leads
Cycle time:3.2s

AB26W
Application:W
Material:HDPE
Weight:0.98g
Thread:3leads
Cycle time:3.3s

S29W-15
Application:W
Material:HDPE
Weight:1.25g
Thread:3leads
Cycle time:3.3s

AB29W
Application:W
Material:HDPE
Weight:1.25g
Thread:3leads
Cycle time:3.3s

S30-39
Application:W
Material:HDPE
Weight:1.25g
Thread:3leads
Cycle time:3.3s

A38CAF-8
Application:CAF&W
Material:HDPE
Weight:3.10g
Thread:3leads
Cycle time:4.7s

A38HF-1
Application:HF
Material:HDPE
Weight:3.55g
Thread:2leads
Cycle time:5.1s

名称：26mm瓶盖
材料：HDPE
重量：1.8g
防盗环结构：切口
Name: 26mm Cap
Material: HDPE
Weight: 1.8g
Anti-theft ring structure: incision

名称：2881瓶盖
材料：PP
重量：2.3g
防盗环结构：切口
Name: 2881 Cap
Material: PP
Weight: 2.3g
Anti-theft ring structure: incision

名称：PCO瓶盖
材料：PP
重量：3g /2.8g
防盗环结构：切口
Name: PCO Cap
Material: PP
Weight: 3g /2.8g
Anti-theft ring structure: incision

名称：PCO瓶盖
材料：PP
重量：3g
防盗环结构：切口
Name: PCO Cap
Material: PP
Weight: 3g
Anti-theft ring structure: incision

名称：28mm瓶盖
材料：HDPE
重量：2.1g
防盗环结构：切口
Name: 28mm Cap
Material: HDPE
Weight: 2.1g
Anti-theft ring structure: incision

名称：2925瓶盖
材料：HDPE
重量：1.3g
防盗环结构：切口
Name: 2925 Cap
Material: HDPE
Weight: 1.3g
Anti-theft ring structure: incision

名称：30mm瓶盖
材料：HDPE
重量：2.05g /1.85g
防盗环结构：切口
Name: 30mm Cap
Material: HDPE
Weight: 2.05g /1.85g
Anti-theft ring structure: incision

名称：30mm瓶盖
材料：HDPE
重量：2.05g /1.85g
防盗环结构：切口
Name: 30mm Cap
Material: HDPE
Weight: 2.05g /1.85g
Anti-theft ring structure: incision

名称：30mm瓶盖
材料：HDPE
重量：1.3g
防盗环结构：切口
Name: 30mm Cap
Material: HDPE
Weight: 1.3g
Anti-theft ring structure: incision

名称：28mm瓶盖
材料：HDPE
重量：3g
防盗环结构：无
Name: 28mm Cap
Medicine bottle cap
Material: HDPE
Weight: 3g
Anti-theft ring structure: incision

名称：38mm瓶盖
材料：HDPE
重量：3.9g /3.6g
防盗环结构：切口
Name: 38mm Cap
Material: HDPE
Weight: 3.9g /3.6g
Anti-theft ring structure: incision

名称：38mm瓶盖
材料：HDPE
重量：3g
防盗环结构：切口
Name: 38mm Cap
Material: HDPE
Weight: 3g
Anti-theft ring structure: incision

Cap Moulds
瓶盖模具

Provided optimum design as per client requirements
- Optimized hot runner system and cooling system.
- The preform design optimizes weight, stretching ratios, material distribution.
- Minimum weight tolerance and wall thickness tolerance.
- Valve gate hot runner system without manual tail cut.
- Adopt imported mould steel, ASSAB S136 and Germany 2316.

根据客户要求提供最优化设计
- 最优化的热流道系统和冷却系统
- 瓶胚设计使克重,拉伸比,材料分布等最优化
- 保证克重偏差和壁厚偏差最小化
- 热流道针阀免剪浇口
- 采用进口模钢, ASSAB S136和德国2316

24 Cavity Cap Mould 24腔瓶盖模具
8 Cavity Cap Mould 8腔瓶盖模具
24 Cavity Cap Mould 24腔瓶盖模具
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24 Cavity Cap Mould 24腔瓶盖模具
24 Cavity Cap Mould 24腔瓶盖模具

瓶坯模具系列
Pet Preform Mould

- The cavity number of PET preform mold could be made from one cavity to seventy two cavity. The computer simulation test design is adopted to improve the yield of bottle blowing.
- Using the world's advanced two-level double taper positioning technology, each cavity independent self-locking, to ensure mold concentricity.The injection cavity and core of the mould are made of high quality special mould steel with pre-heat treatment made in Sweden.
- The screw thread is manufactured according to international standard.
- The material is imported nitrided steel with high hardness and long service life.
- Advanced hot runner design, uniform heating temperature, can improve the quality of plastic products. Valve pin gate, reduce the Labor intensity of workers.
- The mold life is guaranteed to be over 5million shots.

32 Cavity Preform Mould 32腔瓶胚模具
48 Cavity Preform Mould 48腔瓶胚模具
6 Cavity 5-gallon Preform Mould 6腔五加仑瓶胚模具
72 Cavity Preform Mould 72腔瓶胚模具

QUALITY IS THE ABSOLUTE TRUTH

We specialize in the production of needle valve molds without the need for manual shearing.

The use of an advanced hot runner system ensures that the AA value of the product is at a low level.

Reasonable cooling channel design enhances the cooling effect of the mold and effectively shortens the injection cycle.

12 Cavity Jar Preform Mould 12腔广口瓶胚模具

Number of cavity	Layout(HxV)	Distance between centers(HxV)(mm)	Max. screw end(mm)	Mold size(WxH)(mm)
4	2x2	60x140	28/30	350x500
		60x152	38	380x500
8	2x4	60x140	28/30	390x500
		60x152	38	450x650
12	2x6	60x140	28/30	420x680
		60x152	38	450x720
16	2x8	60x140	28/30	380x750
		60x150	38	450x780
24	3x8	60x140	28/30	450x800
	4x6	60x140	28/30	580x750
32	4x8	60x140	28/30	580x860
48	4x12	60x140	28/30	580x1060
64	4x16	50x140	28/30	630x1000
72	6x12	50x130	28/30	730x1050