



民峰
MINFENG

MINFENG CAP MACHINERY

民峰
瓶盖机械

做专业生产者引领瓶盖机械行业

www.minfengccm.com





Company 公司介绍 Introduction

FACTORY CORNER DISPLAY

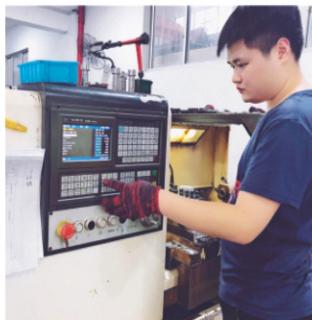
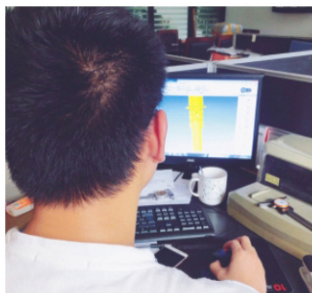
Taizhou City Huangyan Minfeng Bottle Cap Machinery Factory

Taizhou City Huangyan Minfeng Bottle Cap Machinery Factory is located in Chinese Famous Mould and Machine Town--Huangyan, Taizhou City. There is around 7.5km from Taizhou train station to our company. More than 40 years experience on cap field. From cap making, cap mould, pneumatic cap machine, hydraulic cap molding to now Italy technology high speed cap compression molding machine. MINFENG only focus on cap.

We have professional and experienced technical team to do mould&machine design, mould making, cap machine installation and auxiliary machines making. Packaged full-automatic cap making line will be offered by ourselves. We also use higher cost Taiwan five-axis processing equipments, so the mould and machine made will be higher precision and better quality. More than 800 sets cap molding machines are sold to customer all over the world such as USA, Europe, Asia, Africa, Middle East etc. And there are more than 30 sets cap compression molding machines are sold to our local customers. Welcome to our company, we will show our local customer 10 years' old machine running for you.

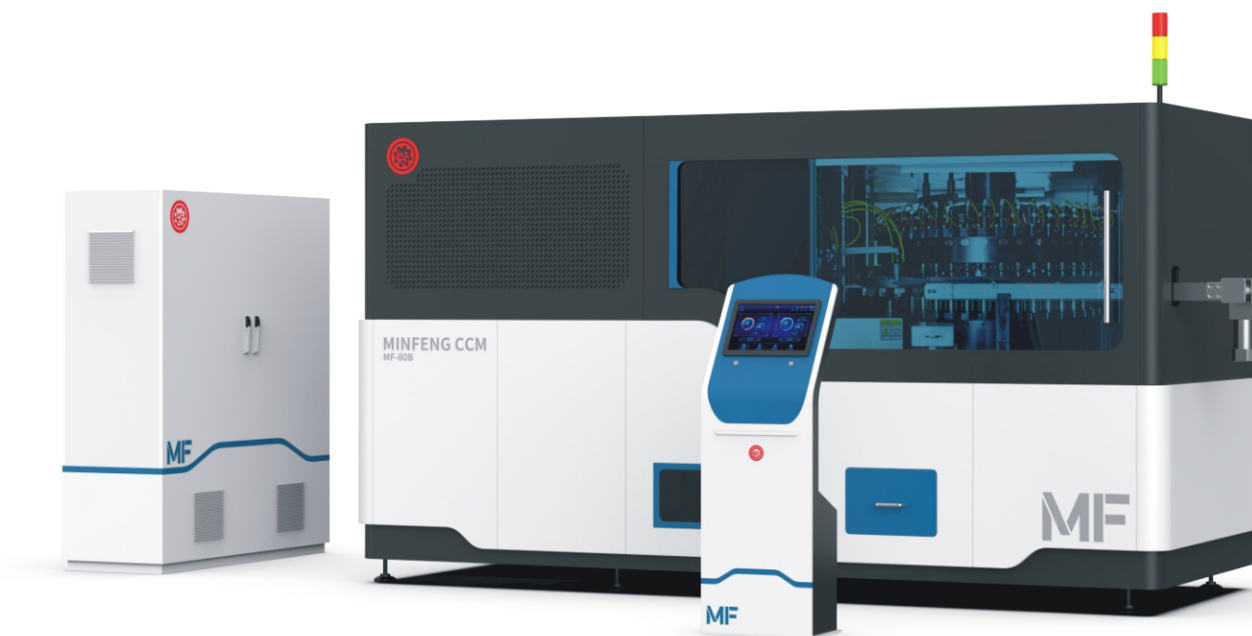
台州市黄岩民峰瓶盖机械厂坐落于中国著名的模具与机器之乡--台州黄岩，距离台州高铁站7.5km。在瓶盖领域具有40多年的经验，从最开始的瓶盖制造，到瓶盖模具，气动瓶盖机，液压瓶盖机再到现在先进意大利技术的高速瓶盖机，民峰只专注于瓶盖。

我们拥有专业和经验丰富的技术设计团队，模具制造，机器安装和辅助机器制造，一整套全自动的瓶盖制造产线全由本公司提供，并且我们用更高成本的加工设备比如台湾五轴数控机床，因此模具与机器精度更高，质量更好。总共有800多台机器卖给全世界客户比如美国，欧洲，亚洲，非洲，中东等国家，以及30多台机器卖给台州本地客户，欢迎您来参观我们公司，我们也将为您展示本地客户使用了十多年的机器。



MF-80B 智能高速瓶盖成型机

INTELLIGENT & HIGH SPEED CAP COMPRESSION MOLDING MACHINE



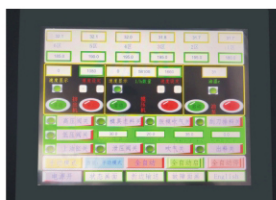
There is separate cooling system on the upper and lower mould. The cooling water flow is larger and cap production speed is faster, it is more effective.

单独的模具上下模冷却系统，冷却水流量更大，瓶盖成形速度更快，效果更好。



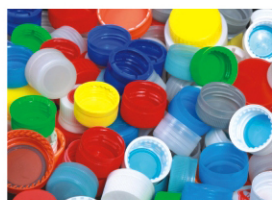
The mould material is S136. It is processed with multi-channel complex processing technology. And there is DLC treatment on the finished mould, no need maintenance.

采用S136模具钢材料，经过多道复杂加工工艺处理，成品表面DLC处理，免维护。



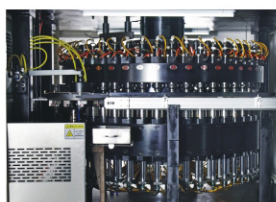
There are one-button start, manual adjustment and intelligent control system on the screen.

采用一键启动界面，手动调整，智能控制系统。



Cap made is high density, nice appearance.

制作的盖子高密度，外表美观。



There is high and low pressure oil distributor direct spraying technology. The oil cylinder and oil tube is one part to be together with the machine. And no oil valve&anti oil leakage design. It is easier and more simple for maintenance.

采用高低压油路分配器直喷技术。油缸和油管与机器连为一体，无油阀及防漏油设计，机器维护更方便简单。

Technical parameters 技术参数

Model 型号	Mould Number 模具腔数	Cap Diameter 盖子直径	Max. Capacity (pcs/hr) 最大产量(个/小时)	Installation Power 安装功率	Consumed electrical power 消耗功率	Required Chiller 所需冷水机
MF-80B-24	24	20-38mm	30000-35000	47kw	40kw	1 set 20P
MF-80B-32	32		38000-40000	59kw	50kw	1 set 25P
MF-80B-36	36		45000-52000	65kw	58kw	1 set 25P
MF-80B-48	48		65000-70000	85kw	75kw	1 set 20P 1 set 15P
MF-80B-64	64		85000-100000	100kw	85kw	2 sets 20P

The specific parameter is based on actual production

MF-80B 智能高速瓶盖成型机

INTELLIGENT & HIGH SPEED CAP COMPRESSION MOLDING MACHINE

Features 特点

After 20 years of unremitting efforts, we have independently developed the seventh generation high-speed bottle cap machine, which is suitable for mass production by medium and large enterprises. It has characteristics of high speed, stability, high efficiency, no oil valve, no oil pipe connection, and integrated oil cylinder. Hydraulic direct injection distributor technology, stable nitrogen pressure, no oil leakage points, equipped with advanced technologies such as built-in dehumidification, no water droplets during hot temperature, etc.

历经20年的不懈努力完全自主研发出第七代高速瓶盖机，适合中大型企业批量生产，

其特点：高速、稳定、高效、无油阀、无油管连接、油缸一体。油压直喷分配器技术，氮气稳压，无漏油点，内置除湿，高温天气不冒水珠等世界先进科技...



1. Uniform 180kg high and 50kg low pressure distribution. High cap density, low weight and beautiful appearance.
高压180kg和低压50kg均匀分布，制作的瓶盖高密度，重量轻，外观美观。

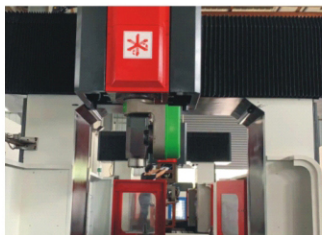
2. Adopting the working principle of balanced distributor, low energy consumption and high quality.
采用平衡分配器工作原理，低能耗，高品质。



3. The traditional old cap compression molding machine is with separate oil cylinder and oil valve, which will cause oil leakage, and the oil pipe will be consumed after 3 years. The oil cylinder, oil valve and oil pipe of this machine all are the one part, so the machine lifetime will be longer.
传统的老式瓶盖压机为分开的油缸和油阀，会产生漏油，油管也会在3年后老化。高速机的油缸，油阀与油管与机器一体，因此机器的寿命会更长。

4. Double water route cooling, core and cavity are independent cooling. Thus the cap mould cooling is better, the capacity is bigger.
双水路冷却，芯子和型腔为独立冷却使得瓶盖模具的冷却更佳，产量更大。

5. Main rotary plate is 50# steel, more heavy, density is higher and better for forging comparing with 45# steel.
主模板为50#钢材，相比45#钢材，重量更重，密度更高，更好锻造。



6. Machine and mould parts are processed by Taiwan five axis CNC machine. Caps made are with high precision. Especially for CSD cap.
机器与模具通过台湾5轴数控设备加工而成，生产的盖子高密度，特别适合制作碳酸饮料瓶盖。



7. Italian original reducer, and driven by the belt, the machine runs without wear, adopt double braking system, good restraint.
意大利原装减速机，并由皮带驱动，机器无磨损运行，采用双制动系统，制动性良好。



8. Bigger SKF and NSK heavy loading and low noise bearing confirm the machine to run well.
更大号重载、低噪音的SKF和NSK轴承确保机器运转更佳。

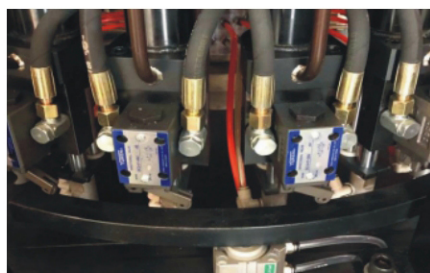
9. Oil seal and other sealing are all Hailite from UK to strengthen the sealing for machine.
油封和其他的密封圈为英国赫莱特品牌，增强了机器的密封性。



10. There is dehumidification installed on the machine for mold cooling protection. Not easy to be water drop under high temperature work condition.
机器上安装了除湿机给模具冷却保护，在高温天气中生产不易产生水珠。

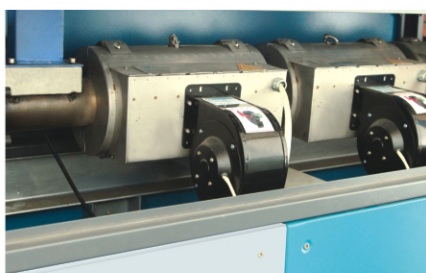
MF-50B 全自动瓶盖机（升级版）

FULL AUTOMATIC CAP COMPRESSION MOLDING MACHINE (UPGRADED)



There is automatic control for oil valve going up and down. Mould is easier to be changed and protected well.

自动控制油阀升降，为更换模具更简易和保护模具作用。



Timing cooling system is more stable.

定时冷却，更加稳定。



Technical parameters 技术参数

Model 型号	Mould Number 模具腔数	Cap Diameter 盖子直径	Max. Capacity (pcs/hr) 最大产量(个/小时)	Installation Power 安装功率	Consumed electrical power 消耗功率	Required Chiller 所需冷水机
MF-50-18	18	15-60mm	17000-19000	40kw	30kw	2 sets 10P
MF-50-24	24		25000-28000	40kw	30kw	2 sets 12P
MF-50-32	32		32000-35000	52kw	42kw	1 set 12P 1 set 15P

The specific parameter is based on actual production.

智能高速瓶盖切环折边检测生产线

INTELLIGENT&HIGH SPEED CAP SLITTING, FOLDING AND INSPECTION MACHINES LINE

高效智能化:

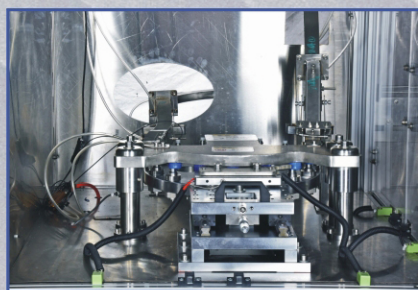
瓶盖切环机连接瓶盖折边机,采用智能设计,能够快速、准确地完成,大大提高了生产效率。

精准定位:

瓶盖切环折边检测生产线具有精准的定位系统,能够确保每个瓶盖的,从而保证折边的一致性和稳定性。

高效节能:

瓶盖切环折边检测生产线采用先进的节能技术,能够保证效率的同时,为企业节约成本。



MF-80H 高速切环机
High Speed Cap Slitting Machine

Taizhou City Huangyan Minfeng Bottle Cap Machinery Factory 台州市黄岩民峰瓶盖机械厂

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切环折边任务，

Efficient and intelligent:

Intelligent&high speed cap slitting, folding and inspection machines line, using intelligent design, can quickly and accurately complete the ring cutting edge task, greatly improve the production efficiency.

位置准确无误，

Accurate positioning:

Intelligent&high speed cap slitting, folding and inspection machines line has an accurate positioning system, which can ensure the accuracy of each bottle cap, so as to ensure the consistency and stability of the edge.

降低能耗，

High efficiency and energy saving:

Intelligent&high speed cap slitting, folding and inspection machines line adopts advanced energy saving technology, which can ensure efficiency and reduce energy consumption, and save costs for enterprises.



MF-80 高速折边机
High Speed Cap Folding Machine

瓶盖检测机
Cap Inspection Machine

Technical parameters 技术参数

Model 型号	Capacity(pcs/hr) 产量(个/小时)	Consumed Electrical Power 消耗功率
Horizontal series 卧式系列	50000-100000	7.5kw
Vertical series 立式系列	30000-50000	4.5kw

旋转式瓶盖冷却机 ROTARY CAP COOLING MACHINE



瓶盖刚生产出来的时候，温度过高，不利于切口折边，瓶盖容易变形。使用此款旋转式瓶盖冷却机后，瓶盖能快速的冷却，并且形状更好，性能稳定，利于切口折边

After cap is produced from cap compression molding machine, the temperature is high which is not good for slitting and folding. And the cap is easy to be distorted. After this rotary cap cooling machine, cap is fast to be cooling. So the shape is good, the performance is stable, and good for slitting and folding.

Technical parameters 技术参数

Installation electrical power: 3kw

安装功率: 3kw

Consumed electrical power: 2.5kw

消耗功率: 2.5kw

MF-80H 智能高速瓶盖理盖切环机 INTELLIGENT&HIGH SPEED CAP SORTING AND SLITTING MACHINE

精度高、稳定性好:

瓶盖切环机采用先进的电控系统进行控制和监测，能精准调整切口大小和深度，使得切环精度高，稳定性好，从而大大提高产品质量和生产效率。

节省人力成本:

由于瓶盖切环机具有高速、高效、高精度和稳定性好等特点，因此可以大幅节省人力成本。

安全性强，维修方便:

瓶盖切环机通常设计有安全保护装置，以确保操作安全。同时，设备的结构通常也很简洁，维修起来比较方便。



High accuracy and good stability:

The bottle cap slitting machine adopts advanced electronic control system for control and monitoring, which can accurately adjust the size and depth of the slitting, making the slitting with high accuracy and good stability, thus greatly improving the product quality and production efficiency.

Labor cost saving:

Because the bottle cap slitting machine has high speed, high efficiency, high precision and good stability, so it can greatly save labor cost.

Strong safety, convenient maintenance:

The bottle cap slitting machine is usually designed with safety protection device to ensure the safety of operation. At the same time, the structure of the equipment is usually very simple, maintenance is more convenient.

Technical parameters 技术参数

Installed electrical power: 2.5kw

安装功率: 2.5kw

Consumed electrical power: 2.25kw

消耗功率: 2.25kw

Capacity: 40000-60000pcs/hr

产量: 40000-60000个/小时

卧式瓶盖冷却机

HORIZONTAL CAP COOLING MACHINE

瓶盖刚生产出来的时候，温度过高，不利于切口折边，瓶盖容易变形。使用此款三层式瓶盖冷却机后，瓶盖能快速的冷却，并且形状更好，性能稳定，利于切口折边。

After cap is produced from cap compression molding machine, the temperature is high which is not good for slitting and folding. and the cap is easy to be distorted. After this three layers cap cooling machine, cap is fast to be cooling. So the shape is good, the performance is stable, and good for slitting and folding.

Technical parameters 技术参数

Installation electrical power: 4kw

安装功率: 4kw

Consumed electrical power: 3kw

消耗功率: 3kw



MF-80C 防盗瓶盖折边机

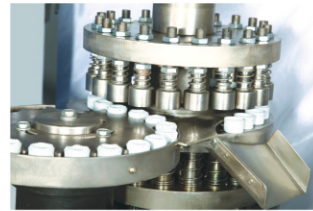
ANTI-THEFT CAP FOLDING MACHINE



Before folding 折边前



After folding 折边后



Technical parameters 技术参数

Capacity: 25000-30000pcs/hr

产量: 25000-30000个/小时

Installed electrical power: 1.5kw

安装功率: 1.5kw

Consumed electrical power: 1kw

消耗功率: 1kw

Compressed air consumption (approximate): 100NL/min

压缩空气消耗(大约): 100NL/分

MF-80E 防盗瓶盖切口机

ANTI-THEFT BOTTLE CAP CUTTING MACHINE

Technical parameters 技术参数

Capacity: 25000-30000pcs/hr

产量: 25000-30000个/小时

Installed electrical power: 1kw

安装功率: 1kw

Consumed electrical power: 0.5kw

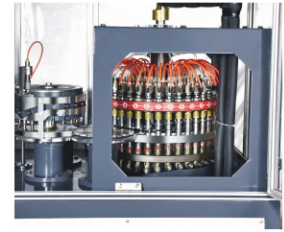
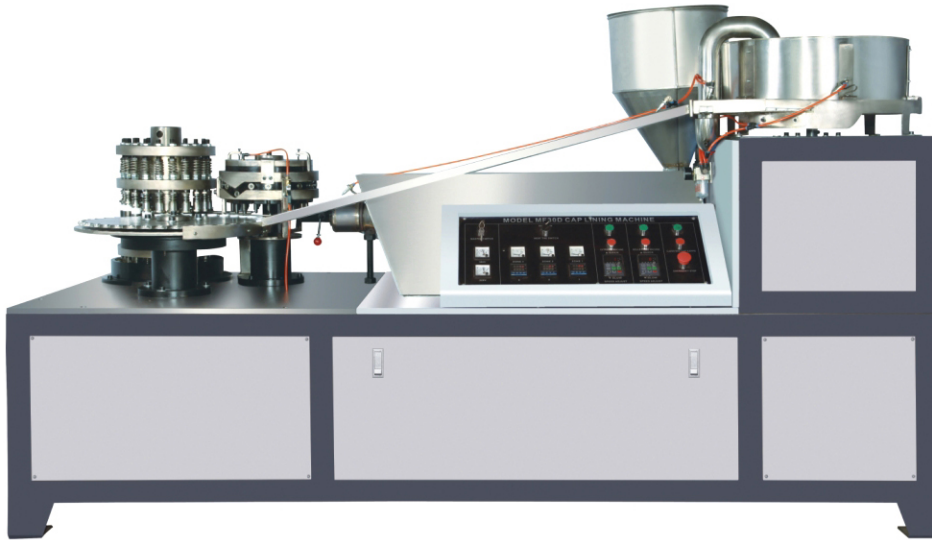
消耗功率: 0.5kw

Compressed air consumption (approximate): 100NL/min

压缩空气消耗: 100NL/分



MF-80D 瓶盖滴塑机 CAP LINING MACHINE



Cooling system for dropping
liner is more stable
带冷却系统，滴塑更稳定



Before Lining
滴塑前



After Lining
滴塑后

Technical parameters 技术参数

Capacity: 30000-35000pcs/hr(Thirty-six heads)

产量: 30000-35000个/小时(36头)

Installed electrical power: 15kw

安装功率: 15kw

Consumed electrical power: 8kw

消耗功率: 8kw

Compressed air consumption (approximate): 600NL/min

压缩空气消耗: 600NL/分

MF-80G 瓶盖折边切口一体机 COMBINED CAP FOLDING AND SLITTING MACHINE



Technical parameters 技术参数

Capacity: 20000-30000pcs/hr

产量: 20000-30000个/小时

Installed electrical power: 2kw

安装功率: 2kw

Consumed electrical power: 1.5kw

消耗功率: 1.5kw

Compressed air consumption (approximate): 600NL/min

压缩空气消耗: 600NL/分