民峰
MINFENG

INTELLIGENT & HIGH SPEED

CAP COMPRESSION MOLDING MACHINE

智能高速瓶盖成型机



www.cap-machine.com

MINFENG



Company Introduction 公司介绍

FACTORY CORNER DISPLAY

Taizhou City Huangyan Minfeng Bottle Cap Machine Factory

Taizhou City Huangyan Minfeng Bottle Cap Machine 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 30 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 20 sets cap compression molding machines are sold to our local customers. Weclome 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30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20多台机器卖给台州本地客户，欢迎您来参观我们公司，我们也将会为您展示本地客户使用了十多年的机器。



智能高速瓶盖成型机
INTELLIGENT HIGH SPEED BOTTLE CAP FORMING MACHINE

Featurs 特点

Minfeng super high speed cap compression molding machine is high capacity and low energy consumed which adopts Italy technical idea and newest research compression technology. With the most advanced direct hydraulic oil offering system, oil cylinder&turret are one part and there is no valve control. It is outstanding performance in the machine running, precision, lifetime etc. And high cap density, beautiful appearance, widely used in beverage, pharmaceutical &chemical, cosmetics, oil these filed. It is welcomed by the market.ine suitable for the market demand.

民峰超高速瓶盖成型机采用意大利技术理念和最新研究的模压技术，具有高产量、低耗能的特点。机器是最先进的液压油直喷系统，油缸&油管与机器组成一体，无油阀控制，在运转，精度，寿命等方面发挥了杰出的性能，以及制作的瓶盖高密度，美观外形，在饮料，医化，化妆品，油等领域被广泛应用，非常受市场欢迎。



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，重量低，外观美观。

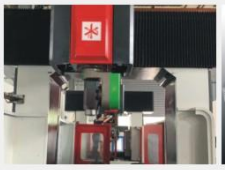
2. One oil pump is with only one motor, power is 50% less than old cap compression molding machine.
一个油泵只配备一个电机，相比老式的压盖机，耗电节省50%。



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.
传统的老式瓶盖模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, good restraint.
意大利原装减速机，并由皮带驱动，机器无磨损运行，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加。

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-80B 智能高速瓶盖机
HIGH SPEED&INTELLIGENT 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.

模具上下模单独的冷却系统，冷却水流量更大，瓶盖成形速度更快，效果更好。



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。



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。



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。



Cap made is high density, nice appearance.

制作的盖子高密度，外表美观。

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	Chiller need 消耗功率	Required Chiller 所需冷水机
MF-80-24	24	20-38mm	30000-35000	47kw	39kw	1 set 15P 1 set 10P
MF-80-32	32		42000-45000	59kw	50kw	2 sets 10P 1 set 15P
MF-80-48	48		65000-75000	85kw	75kw	3 sets 15P
MF-80-64	64		85000-100000	95kw	85kw	2 sets 15P 1 set 20P

The specific parameter is based on actual production

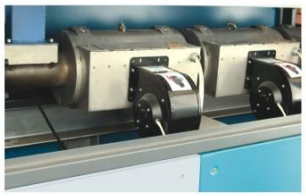
MF-50B 全自动瓶盖机（升级版）
FULL AUTOMATIC CAP COMPRESSION MOLDING MACHINE (UPGRATED)





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	Chiller need 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

旋转式瓶盖冷却机
ROTARY CAP COOLING MACHINE



Introduction 介绍

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.

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

Technical parameters 技术参数

Installation electrical power: 3kw
安装功率: 3kw
Consumed eletcrical power:2.5kw
消耗功率: 2.5kw

卧式瓶盖冷却机
HORIZONTAL CAP COOLING MACHINE

Introduction 介绍

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.

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。

Technical parameters 技术参数

Installation electrical power:4kw
安装功率: 4kw
Consumed eletcrical power:3kw
消耗功率3kw





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

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





Minfeng Bottle Cap Machinery

www.cap-machine.com

塑料瓶盖智能高速切环折边组合机
PLASTIC BOTTLE CAP INTELLIGENT HIGH-SPEED RING CUTTING EDGE COMBINED MACHINE



MF-80H 高速切环机
High speed ring cutteer

Taizhou City Huangyan Minfeng Bottle Cap Machinery Factory

台州市黄岩民峰瓶盖机械厂

Add:South of Dejian Rd., Medium and Small Park, Jiangkou, Huangyan, Taizhou, Zhejiang, China

地址：浙江省台州市黄岩江口中小园区德俭路南

Tel: 86-576-84170135 Fax: 86-576-84170131

http://www.cap-machine.com E-mail:sales@tzminfeng.com



MF-80 高速折边机
High speed hemming machine

MF-80 高速理盖机
High speed capping machine

检测机
Testing machine

Technical parameters 技术参数

Model 型号	Capacity(pcs/hr) 产量(个/小时)	Chiller need 消耗功率
卧室系列	50000-100000	7.5kw
立式系列	30000-50000	4.5kw

MF-80C 防盗瓶盖高速折边机
ANTI-THEFT BOTTLE CAP HIGH SPEED FLANGING MACHINE





Before folding 折边前



After folding 折边后



Technical parameters 技术参数

Capacity: 40000-50000pcs/hr
产量: 40000-50000个/小时
Installed electrical power: 1. 5kw
安装功率: 1.5lw
Chiller need: 1kw
消耗功率: 1kw
Compressed air consumption (approximate): 100NL/min
压缩空气消耗(大约) : 100NL/分

MF-80E 全自动防盗瓶盖切口机
AUTOMATIC ANTI-THEFT CAP SLITTING MACHINE

Technical parameters 技术参数

Capacity: 30000-40000pcs/hr
产量: 30000-40000个/小时
Installed electrical power: 1kw
安装功率: 1kw
Chiller need: 0.5kw
消耗功率: 0.5kw
Compressed air consumption (approximate): 100NL/min
压缩空气消耗: 100NL/分





MF-80F 全自动瓶盖输送机
FULLY AUTOMATIC BOTTLE CAP CONVEYOR

Introduction 介绍

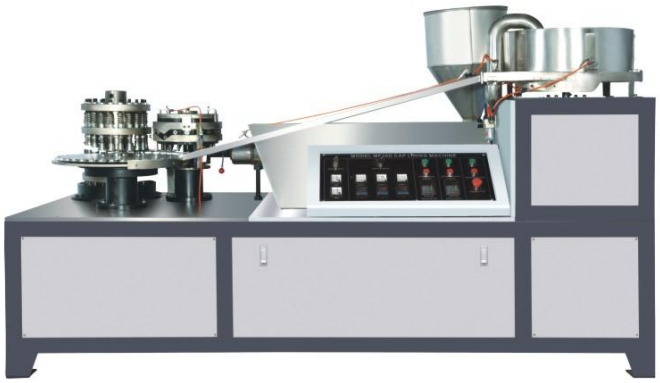
The fully automatic bottle cap conveyor delivers the bottle cap to the flanging machine, the cutting machine and the drip molding machine, and can adjust the speed according to your requirements.

全自动瓶盖输送机将瓶盖输送至折边机，切口机和滴塑机，可以根据您的要求调节速度。

Technical parameters 技术参数

Chiller need: 0.6kw
安装功率: 0.6kw
Consumed eletcrical power: 0.4kw
消耗功率: 0.4kw

MF-80D 高速瓶盖滴塑机
HIGH SPEED BOTTLE CAP DRIP MOLDING MACHINE





Well-distributed power for dripping plastic is more stable.





Before dripping plastic
滴塑前



After dripping plastic
滴塑后

Technical parameters 技术参数

Capacity: 25000-30000pcs/hr
产量：25000-30000个/小时
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
Chiller need: 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
BOTTLE CAP FOLDING AND CUTTING 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
Chiller need: 1.5kw
消耗功率：1.5kw
Compressed air consumption (approximate): 600NL/min
压缩空气消耗：600NL/分