

# DMK-CM高速全自动瓶盖压塑机

DMK-CM CAP COMPRESSION MOLDING MACHINE



DEMARC

## DMK-CM SERIES

### 高速全自动压塑瓶盖机（压塑制盖机）

- DMK-CM塑料瓶盖模压机是第二代制造瓶盖压塑工艺的革新，该机型—PP或PE为原料，以高品质、高效率生产制造出不同规格的碳酸饮料盖和矿泉水盖。这套全自动化瓶盖成型设备的研发成功，是渴望以高产量、低能耗、节人工，以及想提高自身瓶盖品质的商家的优选产品。
- The DMK-CM plastic cap compression molding machine, as the innovation of the second generation of plastic cap molding processing, produces all sizes of both CSD and water caps with high efficiency and quality from PP & PE resin. This fully automatic cap compression molding machine is warmly welcome by customers with the advantages of high output, low consumption and labour saving.



# TAYLOR-MADE SOLUTIONS TO REDUCE ENERGY CONSUMPTION

## 环保节能，更高效

- DMK-CM塑料瓶盖模压机整套设备采用电脑控制，具有良好的稳定性，耐久性。采用本机制造出来的塑料瓶盖机外观平整、光滑且没有注塑点，整体美观漂亮，其储存稳定可靠，与同功率的注塑机相比，产量大大提高了3倍，且没有热流道废料，实现环保生产使原料的利用率提高到了98%，同时该机大大节约了生产劳动力，减少占地使用面积，有效地节约能源，为了突出和维护客户的产品特色，也可以应客户要求，在瓶盖上刻制清晰、美观的图案及商标，是经营瓶盖生产的商家能以降低成本、高效率来实现大批量生产瓶盖的愿望。
- The DMK-CM plastic cap compression molding machine, completely controlled by computer, has excellent stability and durability. Caps made by this machine have smooth & nice appearance, no injection point and size conformity, comparing with similar traditional injection machine, the output is increased by 3 times, and the usage of raw materials increased up to 98% with environmental production and no hot runner waste. Meantime, this machine saves human labour a lot, decrease use of the floor area and finally save energy. Special requests from customers like printing marks and logo can also be realized accordingly with low cost and high efficiency.

适用于瓶口之间的转换

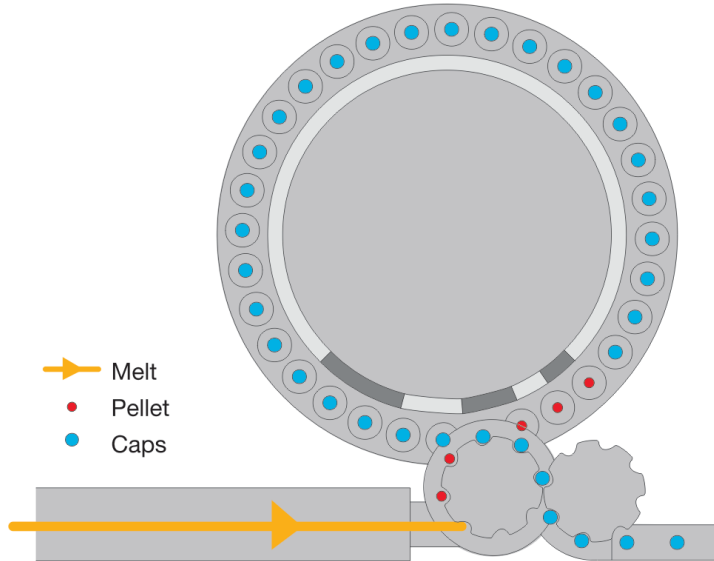
Applicable conversion among different neck finishes



# CORRECT MACHINE PERFORMANCE AND DURABLE EFFICIENCY

## 超优的机器性能和稳定、持久的高效率

- 液压式旋转压盖机，采用连续压塑成型工艺，特别适用于热塑成型产品。
- 经过塑化的物料，定量剪切投入到模腔里，连续循环运行。
- 液压系统安装在接近模具的位置，在设备循环运行时，便于调整压力。
- 挤出机的作用是塑化物料，使之处于熔融状态。
- 塑化原料的能量主要来自螺杆—物料系统的机械摩擦，而不是来自于料桶中的加热单元。



- The hydraulic rotary presses CCM are specially designed to produce thermoplastic products by means of compression.
- A continuous work-cycle is carried out during which plastic material is fed from a plasticization unit, cut into suitably gauged pellets and then inserted inside the cavities.
- An hydraulic system is in charge to close the moulds at a pressure that can be regulated while the production cycle is being performed.
- The task of the extruder is to plasticize the compound, that means melting, mixing and preparing correctly the melt for the lining process.
- The largest part of the energy required to plasticize the compound derives from the friction mechanical work of the screw-barrel-meaterial system not from the heating elements on the barrel.

# MAIN TECHNICAL FEATURES

## 主要技术参数

	ITEMS	DMK-CM16	DMK-CM24	DMK-CM36
原材料	Raw Material	PP/HDPE/LDPE/PTE	PP/HDPE/LDPE/PTE	PP/HDPE/LDPE/PTE
生产效率(只/小时)	Max Capacity(pcs/hr)	13000pcs/hr	25000pcs/hr	32000pcs/hr
制盖直径(外径)	Diameter of Cap	22-45mm	22-45mm	22-45mm
制盖高度	Height of Cap	10-25mm	10-25mm	10-25mm
腔数	Number of Cavity	16cavities	24cavities	36cavities
实际耗能	Actual Power Consumption	16-20kw	25-28kw	32-35kw
运行压力	Operating pressure	0.8Mpa	0.8Mpa	0.8Mpa
压力消耗	Pressure Consuming	1.0m <sup>3</sup> /hr	1.0m <sup>3</sup> /hr	2.0m <sup>3</sup> /hr
电源电压(三相五线)	Power Supply(Three Phase, Five Wire)	380V50HZ	380V50HZ	380V50HZ
全机重量	Machine weight	3.8ton	5ton	7.5ton
外形尺寸(长X宽X高)	Dimension/L*W*H	3800x1750x2650mm	4300x1950x2650mm	5900x2180x2600mm
机器安装总电力	Installation power	40kw	55kw	75kw

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