



CHIA MING MACHINERY CO., LTD.

PET STRETCH BLOW MOLDING MACHINE

Wide Mouth Series 廣口瓶/化妝品瓶系列

- | *Automatic*
- | *Full Electric*
- | *Jars to Tanks*
- | *Large Variety*



CMS-QW Series

Fully Electric / Continuous heating

For wide mouth jars / food package

全電連續加熱式機型，專用於吹製廣口瓶，應用範圍為食品包材居多

機台特點 Features:

- Preforms are heated uniformly by its self-rotation.
連續加熱系統，瓶胚自轉受熱平均，品質穩定。
- Adopt servo motor to precisely locate the preform.
移位系統採用伺服馬達驅動，精準定位。
- Servo driving synchronizes clamping and base mold.
拉吹與成型系統採用伺服馬達驅動，結合底模連動。
- Quick and precise blowing valves, high pressure pipes, exhausts meet the high demanding production.
採用快速與精確的吹氣閥與高壓管，滿足更高產量的要求。
- HMI with PLC. All movement of the machine can be seen on the screen. The system diagnoses and problems show on the screen to make trouble shooting easier.
人機介面搭配PLC可程式控制系統。各項動作及顯示明確，參數設定及修改容易。如有故障，均在螢幕顯示。



model: CMS-QW3

CMS-C Series

Fully Electric / Continuous heating

For Large variety & Higher quality

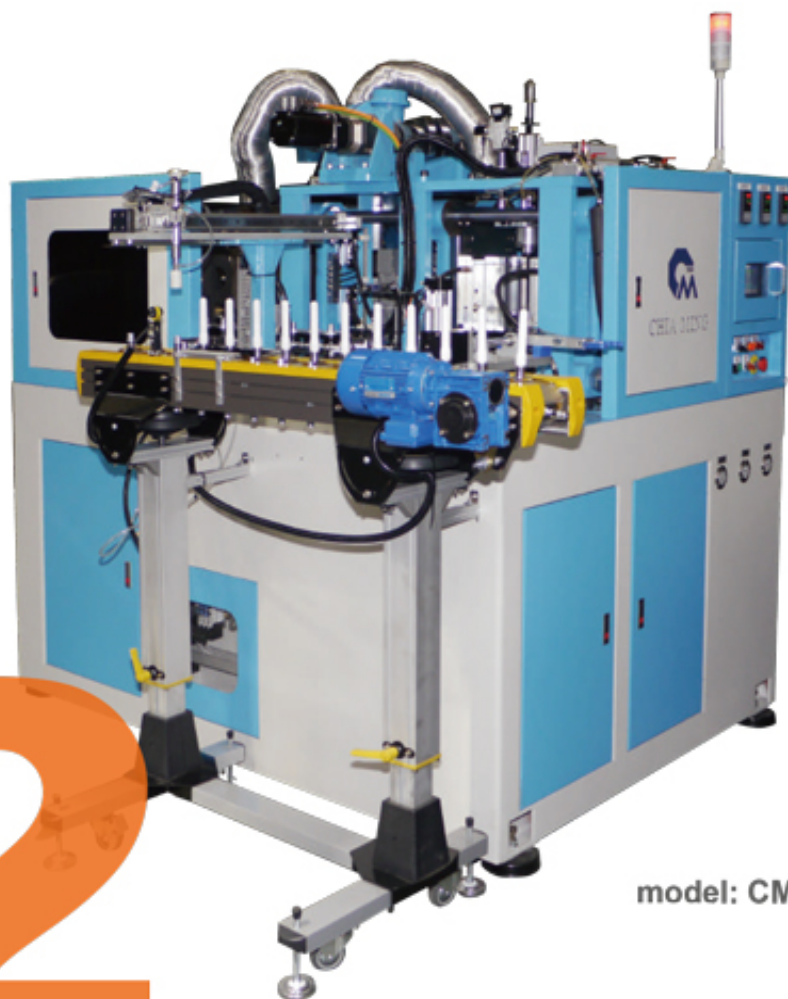
全電機型，適用少量多樣高品質產品，例如化妝品瓶、特定牙口瓶

In response to a small-volume large-variety production market trends, Chia Ming has specially developed an all-electric type of blow molding machine with simple structure which offers quick mold changing and easy operation.

針對少量多樣化的市場趨勢，我司特別研發C系列吹瓶機，以快速換模與簡易操作為訴求，適合產品多樣化的企業。

Also, this new developed machine is high compatibility with adding on system such as feeding robot and neck orientation system for wider application such as cosmetic bottles and special food package.

因應小容量高品質的商品需求，例如化妝品瓶或是特殊牙口瓶型，可選配機械手入料系統，瓶口定位系統，搭配性高，產品應用更廣。



model: CMS-1C

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SPECIFICATIONS

MAIN FEATURES	CMS-QW2	CMS-QW3	CMS-QW4	CMS-QW6	CMS-1C	CMS-2C	CMS-4C
Number of cavities 容積數	2	3	4	6	1	2	4
Max. neck diameter 瓶口外徑	φ73~φ120	φ53~φ89	φ100	φ28~φ38	φ17~φ73	φ24~φ38	φ28~φ38
Max. bottle capacity 最大瓶身容量	5000~10000 ml	600~3000 ml	300~2000 ml	1500 ml	800 ml	1500 ml	1500 ml
Max. body diameter 最大瓶身直徑	210 mm	140mm	125 mm	80 mm	100 mm	95 mm	95 mm
Max. bottle height 最大瓶身高度	350 mm	300 mm	300 mm	300 mm	250 mm	300 mm	320 mm
Max. production capacity 成形能力	1000~1440 bph	2000~2400 bph	2880~3600 bph	1600~2400 bph	300~600 bph	600~1800 bph	2400~3600 bph
Preform carry pitch 瓶胚座間距	200 mm	110 mm	150 mm	110 mm	76.20 mm	114.3 mm	114.3 mm
Mold center distance 模具中心距離	250 mm	150 mm	150mm	110 mm	-	114.3 mm	114.3 mm
No. of preform mandrels 瓶胚座數	40~46	48	50	80	47	60	80
No. of oven 烤箱數	4	4	4	4	2	4	4
No. of infrared heaters/oven 每個烤箱內·紅外線燈管數	8	8	8	8	8	8	8
Heating power 電熱加熱容量數	<32~64 kw	<52 kw	<52 kw	<52 kw	<40 kw	<52 kw	<52 kw
Air pressure (Low-High) 低壓-高壓	7-35 kg/cm²	7-35 kg/cm²	7-35 kg/cm²	7-35 kg/cm²	7-35 kg/cm²	7-35 kg/cm²	7-35 kg/cm²
Cooling water capacity 冷卻水量	18000 kcal/h	18000 kcal/h	18000 kcal/h	24000 kcal/h	12000 kcal/h	18000 kcal/h	24000 kcal/h
Water consumption 耗水量	80 l/min	80 l/min	80 l/min	100 l/min	80 l/min	80 l/min	100 l/min
Water temperature 水溫	10~12°C	10~12°C	10~12°C	10~12°C	10~12°C	10~12°C	10~12°C
Pressure 壓力	3 bar	3 bar	3 bar	3 bar	3 bar	3 bar	5 bar
Total installed power 機台總耗電量	<54 kw	<60 kw	<62 kw	<65 kw	<45 kw	<52~72 kw	<52~72 kw
Machine dimension 機台尺寸	2.1x1.86x2.2 m	4.1x2x2.3 m	6x2.2x2.2 m	6x2.2x2.2 m	2.1x1.86x2.2 m	4.1x2x2.3 m	6x2.2x2.2 m
Machine weight 機台重量	5.5 ton	7 ton	8.5 ton	8.5 ton	3.5 ton	5 ton	8 ton
Optional Function 選配功能/設備	Air recycle system、Feeding Robot、Conveyor				Neck orientation、Feeding robot、InMold labeling robot、 Air recycle system、Mold sweat protector、Voltage stabilizer		

* Depends on the preform design, preform thickness, bottle design, and quality of PET preform.

* 產量取決於瓶胚設計·瓶胚厚度·瓶子設計和PET瓶胚品質。

All specifcatons and designs are subject to change without notice.

以上隨時不斷研發改進·數據僅供參考·若有變更·恕不另行通知。



嘉明機械股份有限公司

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