

CMS-Q1

Fully Electric / Linear / Continuous heating

For 5 gallons (20L) tanks

全自動全電，可拉吹5加侖之大水桶容器

This is a new development machine of 5 gallon PET water tank for medium scale factories. Ideally suitable for applications where stringent quality requirements have to be met.

此為針對5加侖PET大水桶的新開發機型，適合中大型水工廠。可生產重複性使用的水桶或一次性使用即回收的市場需求。

In addition, we are proud to show our clients the technical know-how for processing PET preforms on our automatic machine to produce 5 gallon PET water tank which is a cost effective alternative to the traditional 5 gallon PC water tank.

另外一個市場趨勢，則是將PET水桶取代傳統的PC水桶，原物料成本降低，生產效率高，回收應用範圍更為廣泛，是最經濟、環保的替代品。



model: CMS-Q1L

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嘉明機械股份有限公司

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CHIA MING MACHINERY CO., LTD.

PET STRETCH BLOW MOLDING MACHINE

Linear Series
快速直線式/5加侖桶系列

| *Large Quantity*

| *Speedy*

| *Full Electric*

| *Standard to Extra Large*



CMS-L Series

Fully Electric / Linear / Continous heating

For High-Demand, regular bottles

全電直線式機型，適用於高產能、一般標準圓瓶

- Continous feeding system offers accurate position of preform.
連續入胚系統，簡單又快速。
- Preforms are heated uniformly by its self-rotation.
瓶胚自轉受熱平均，品質穩定。
- Infrared heat sensor for easy control of preform temperature.
紅外線檢測瓶胚裝置，易於溫度掌控。
- Heating array structure for space saving and energy consumption.
利用滑塊與正時皮帶輸送瓶胚於加熱箱內，節省空間與能耗。
- 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，滿足更高產量要求。



model: CMS-LL2 (5000ml~6000ml)



model: CMS-LM8 (600ml~1500ml)



model: CMS-LS12 (Less than 600ml)

SPECIFICATIONS

MAIN FEATURES	CMS-LS12	CMS-LM8	CMS-LL2	CMS-Q1 One-Way (Preform 250g~370g)	CMS-Q1L Refilable (Preform 650g~700g)
Number of cavities 容積數	12	8	2	1	1
Max. neck diameter 瓶口外徑	φ28~φ30	φ28~φ38	φ25~φ38	φ55	φ55
Max. bottle capacity 最大瓶身容量	600 ml	1500 ml	6000 ml	10 L~20 L	20 L~25 L
Max. body diameter 最大瓶身直徑	65 mm	100 mm	180 mm	300 mm	300 mm
Max. bottle height 最大瓶身高度	250 mm	320 mm	350 mm	500 mm	500 mm
Max. production capacity 成形能力	12000~16000 bph*	7000~9600 bph*	1200~2000 bph*	250~360 bph	180~240 bph
Preform carry pitch 瓶胚座間距	60 mm	60 mm	120 mm	100 mm	100 mm
Mold center distance 模具中心距離	80 mm	110 mm	230 mm	-	-
No. of preform mandrels 瓶胚座數	244	100	80	50~56	65
No. of oven 烤箱數	8	4~6	2~4	3	5
No. of infrared heaters/oven 每個烤箱內，紅外線燈管數	6	8~10	8~10	16	16
Heating power 電熱加熱容量數	96 kw	72 kw	32~64 kw	<76.8 kw	<150 kw
Air pressure (Low-High) 低壓-高壓	7-35 kg/cm ²	7-35 kg/cm ²	7-35 kg/cm ²	7-25~35 kg/cm ²	7-35 kg/cm ²
Cooling water capacity 冷卻水量	30000 kcal/h	30000 kcal/h	18000 kcal/h	18000 kcal/h	18000 kcal/h
Water consumption 耗水量	160 l/min	160 l/min	80 l/min	80 l/min	80 l/min
Water temperature 水溫	10~12°C	10~12°C	10~12°C	10~12°C	10~12°C
Pressure 壓力	5 bar	5 bar	5 bar	5 bar	5 bar
Total installed power 機台總耗電量	<110 kw	<90 kw	<40 kw	<87.8 kw	<157 kw
Machine dimension 機台尺寸	2.45x1.7x2.2 m	3.75x1.85x2.2 m	3.8x2x2.57 m	4x2.2x3.5 m	4.2x2.1x3.5 m
Machine weight 機台重量	12 ton	12 ton	7.5 ton	8 ton	8.5 ton
Optional Function 選配功能/設備	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 specifications 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。

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