

CMS-Q1 PET Fully Electric Stretch Blow Molding Machine



It 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.

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.

Preform In-feed and Unscrambler

Orientation and delivery of preforms is in an orderly fashion to the machine. Accurate position control of preform is achieved by pneumatic system.

Mould Open-Close System

Using servo motor control to optimize the movement such as more accurate positioning, better stabilization, low noise and more efficiency.

Mandrel Claw

Use pneumatic system transform and servo motor movement to control position of preform before blowing.

Stretch Blow System

Servo motor drive enables accurate position. Blowing conditions are more stable and high efficiency.

Specifications:

Model			CMSQ1
Container	Max. neck diameter	mm	Ø55
	Max. production capacity	pcs/hr	300~400
	Max. body diameter	mm	300
	Max. container height	mm	500
	Max. bottle capacity	ml	20000
	No. of cavity	no.	1
Heating oven	No. of oven	no.	3
	NO. of infrared heaters ineach	no.	16
	Heating load (max.)	kw	96
Air pressure	Low pressure	kg/cm ²	7
	High pressure	kg/cm ²	35
Cooling water	Cooling capacity	kcal/h	18000
	Water consumption	l/min	80
	Water temperature	°C	10~12
	Pressure	bar	5
Total consumption power		kw	87.8
Machine dimension		m	4.0x2.2x3.5

* All Specifications and designs are subject to change without notice.