



Blowing Machine

semi automatic stretch
blow moulding machine





Blowing Machine

MAIN FEATURES

- ◆ This machine is totally controlled by inbuilt micro processor, which easy and very convenient and user friendly.
- ◆ The machine is equipped with quality valves and cylinders.
- ◆ The stretching system has a cushion bottom. So the noise is very much reduced.
- ◆ Changing of bottle moulds is very simple and quicker.
- ◆ The microprocessor has both manual and automatic inputs, so it can be convenient for maintenance and testing and production.
- ◆ Using to high quality parts for higher reliability.
- ◆ The infrared lamp heaters gives uniform heating and transparency.

TECHNICAL SPECIFICATION

Description	CAS 900	CAS 450
Product Size	300 ml to 2000 ml	1000 ml to 5000 ml
Product output	700 to 900 Bottles/hr	300 to 450 Bottles/hr
Mould cavity	2 cavity	1 cavity
Neck diameter	25 to 46mm	28 to 46mm
Heating	14kw	18kw
Clamp stroke	150mm	200mm
Blowing pressure	20-25kg/cm2	25to30kg/cm2
Working pressure	6-8 kg/cm2	6-8kg/cm2
Operation	Hydro-Pneumatic	Hydro-Pneumatic
Compressor required	20Hp	25Hp
Locking pressure	8 ton	8 ton
Machine weight	1.2 ton	1.4 ton
Area required for machine	2mx3m	2x3mtr.
Utility	3mx5m	3x5mtr



CRISTAL AQUA SYSTEMS

DP-112/G, Secound Main Road, Ambattur Industrial Estate,
(Near Wavin Bus Stop) Chennai 600 058

Ph: **044 - 4206 0135, 4206 0136** Fax: **044 - 4310 8134** Mobile: **98400 42565**

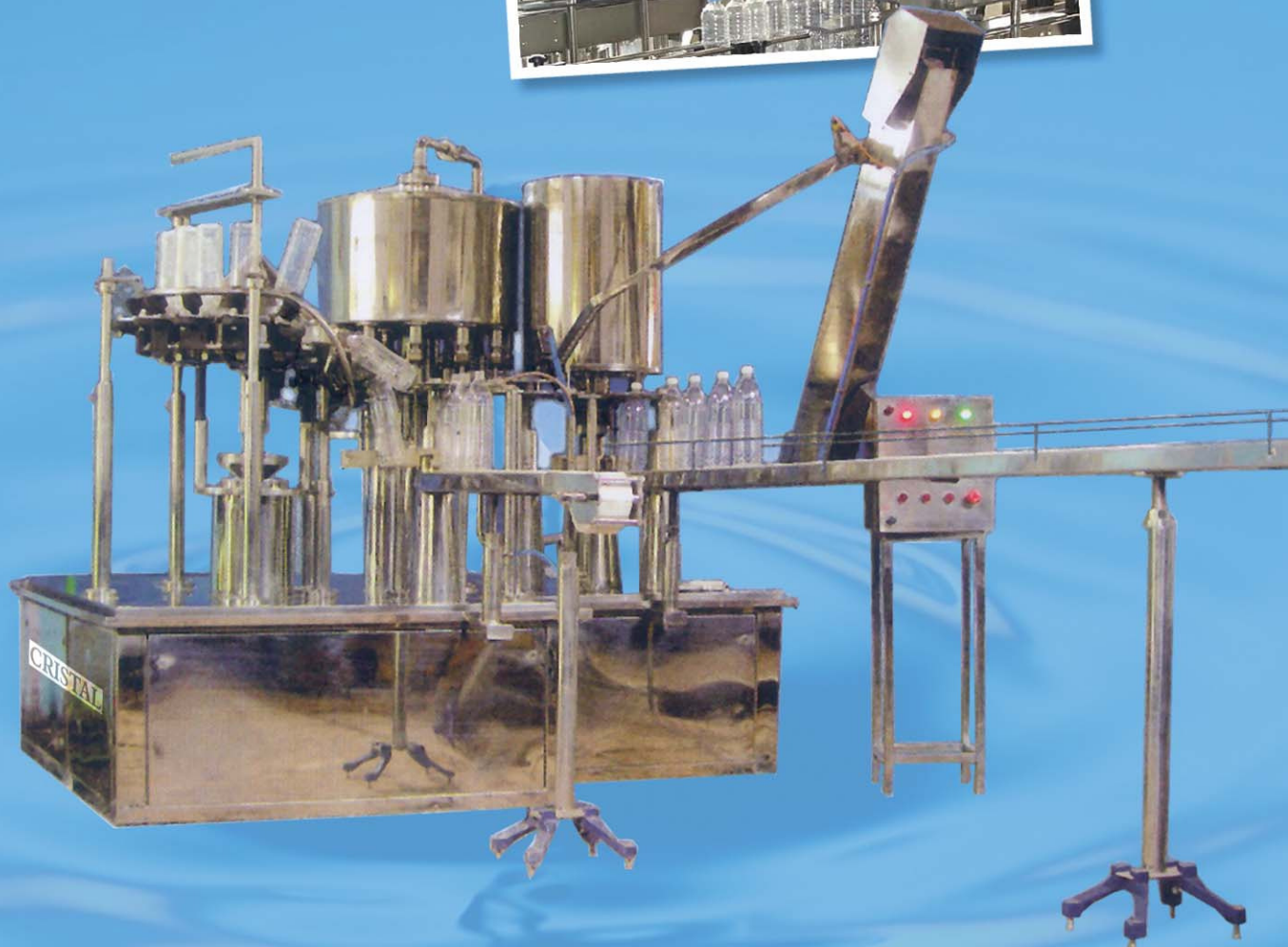
Email: uasakthi@yahoo.co.in Website: www.cristalaguasystems.com



CRISTAL

Bottling Machine

Automatic
Rinsing,
Filling and
Capping
Machine





Bottling Machine

This machine has 15 head Jet Rinsing, 15 head gravity filler, and 6 head cap screw.

The machine is designed to fill Low viscous liquid (ex: Mineral Water)

The machine is completely designed in all respect to Neck holding type only, Air Conveyor will be provided to feed the empty bottle in to the machine, then empty bottle is carried for rinsing filling and capping then the filled bottle are discharged through the conveyor for inspection and labeling.



MAIN FEATURES

- ◆ Suitable for filling 300ml to 2000ml bottles
- ◆ The machines provided with reduction gears and variable speed drive mechanism
- ◆ For changing bottle size require very less manual effort and time
- ◆ Air conveyors are used for bottle in feeding.
- ◆ Magnetic capping heads are used for easy adjustment of torque
- ◆ No bottle No filling and No capping Auto system.

SPECIFICATION

Bottle size	300ml to 2000ml
Neck size	26mm
Power requirement	5kw
Machine size	2.5mx2mx2.5m LxBxH
Machine weight	1.5ton
Utility space	6mx7m

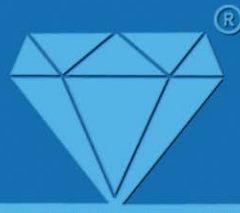


CRISTAL AQUA SYSTEMS

DP-112/G, Secound Main Road, Ambattur Industrial Estate,
(Near Wavin Bus Stop) Chennai 600 058

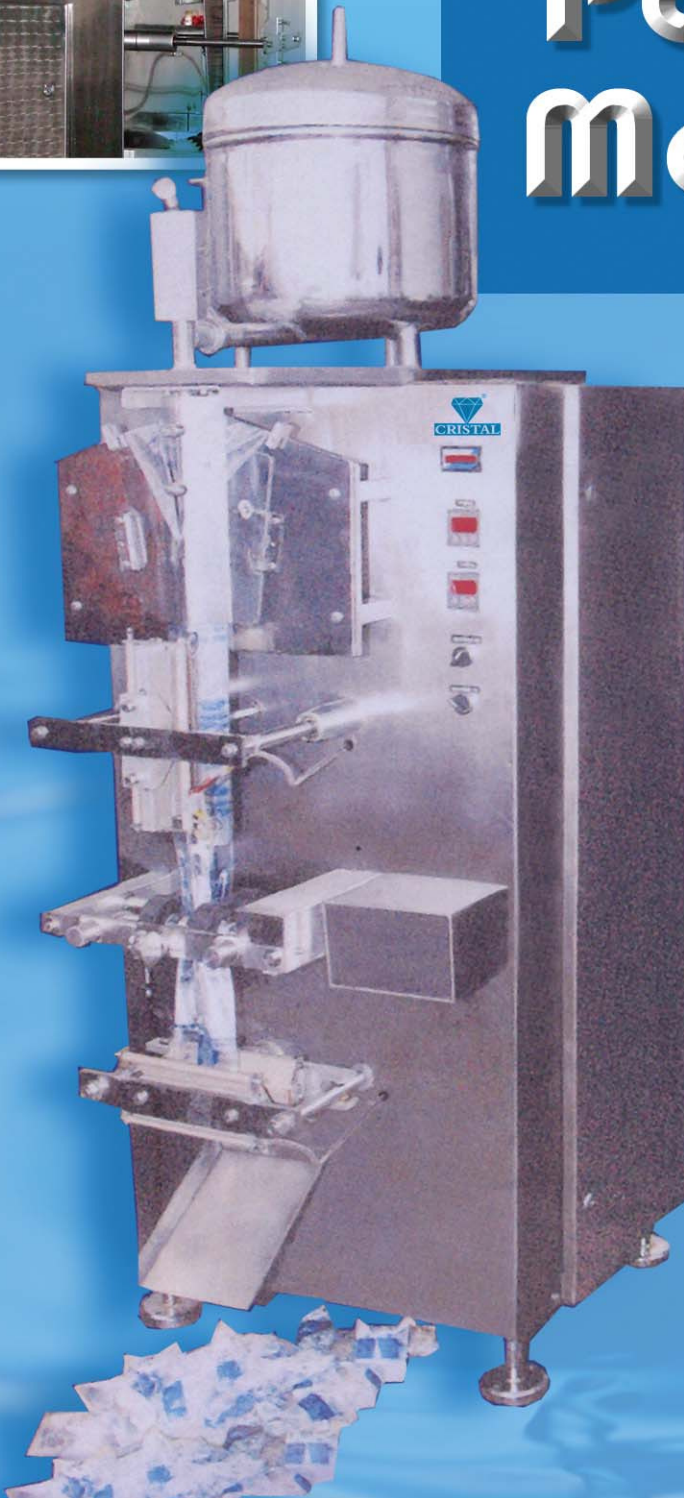
Ph: **044 - 4206 0135, 4206 0136** Fax: **044 - 4310 8134** Mobile: **98400 42565**

Email: uasakthi@yahoo.co.in Website: www.cristalaguasystems.com



CRISTAL

Pouch Packing Machine



*Excellent
Packaging
Solutions*





Pouch Packaging Machine

We Cristal Industries blazing ahead into the future with a clear vision of sincerity, commitment, quality, service & fairness. We are engaged in the state of art manufacturing wide range of high-end technology with high performance packaging machines and ever striving for complete customer satisfaction.



MAIN FEATURES

- ◆ High speed and perfect packing, advanced Technology
- ◆ Guaranteed electrical Power Savings
- ◆ Simplified and Continuous Injection System
- ◆ Heat Control with Digital PID Controllers
- ◆ Solid State Relay Switching for Heaters
- ◆ World Class GE/CG Motor for Machine Drive
- ◆ Self Lubricated Imported Gear Box
- ◆ Profile Grinded Cam & High Cap. Bearings
- ◆ No Couplings No Wear and Tears
- ◆ No Cooler Pump and Cooling System.
- ◆ No magnetic Coil System for Filling (Injection)
- ◆ No PCB, No Bulky Wiring and Electronic Parts
- ◆ No Blind and Corner Leakage Pouches
- ◆ Less Teflon cloth and Tape usage



CRISTAL AQUA SYSTEMS

DP-112/G, Secound Main Road, Ambattur Industrial Estate,
(Near Wavin Bus Stop) Chennai 600 058

Ph: **044 - 4206 0135, 4206 0136** Fax: **044 - 4310 8134** Mobile: **98400 42565**

Email: uasakthi@yahoo.co.in Website: www.cristalaquasystems.com



Cristal Aqua Systems

An ISO 9001: 2008 Certified Company

10000 LPH - SS



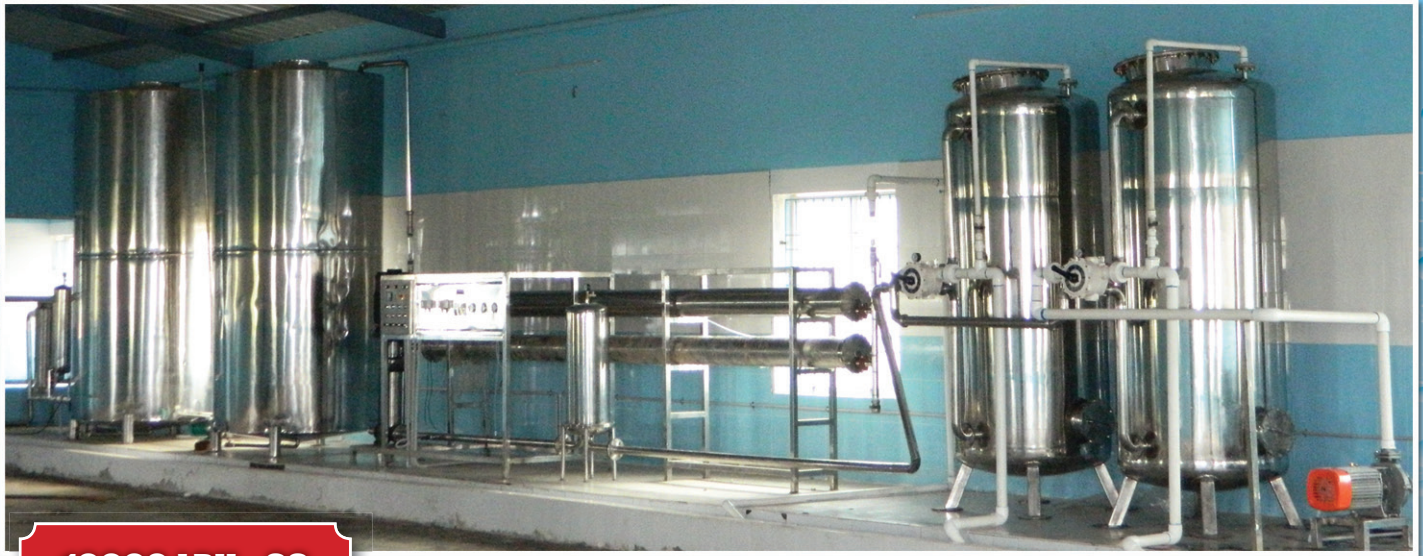
Filtration | Purification | Separation

5000 LPH - SS



**Complete Solutions in
Water & Waste Water Treatment Plants**

REVERSE OSMOSIS Systems



10000 LPH - SS



8000 LPH - SS



6000 LPH - SS

REVERSE OSMOSIS

Reverse osmosis (RO) is a filtration method that removes many types of large molecules and ions from solutions by applying pressure to the solution when it is on one side of a selective membrane. The result is that the solute is retained on the pressurized side of the membrane and the pure solvent is allowed to pass to the other side. To be "selective," this membrane should not allow large molecules or ions through the pores (holes), but should allow smaller components of the solution (such as the solvent) to pass freely.





2000 LPH - MS



4000 LPH - SS



2000 LPH - MS



3000 LPH - SS



1000 LPH - MS



2000 LPH - SS



Post Filtration



CRISTAL

Cristal Aqua Systems

DP-112/G, Secound Main Road, Ambattur Industrial Estate,
(Near Wavin Bus Stop) Chennai 600 058

Ph: 044 - 4206 0135, 4206 0136 Fax: 044 - 4206 0136

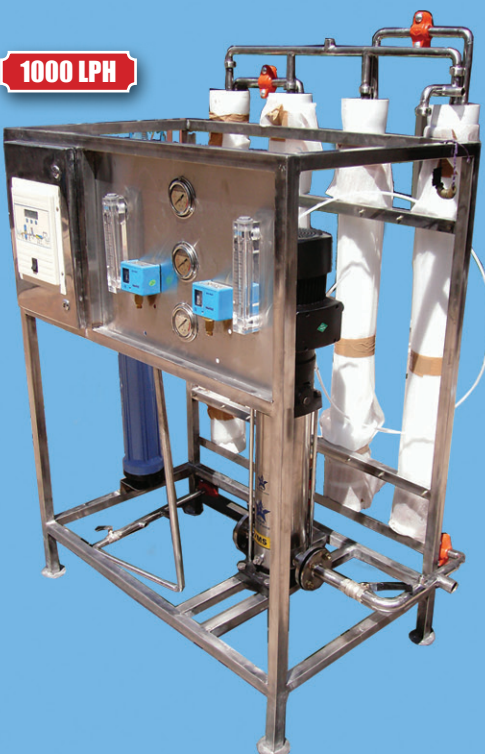
Mobile: 98400 42565

Email: cristalagua@gmail.com

Website: www.cristalaguasystems.in



Hotel and Institutional RO Systems



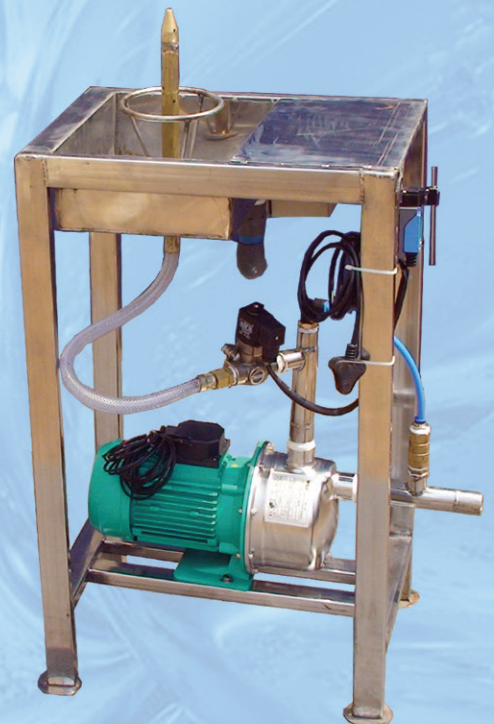


Institutional RO Systems

ACCESSORIES



- ◆ **FULLY AUTOMATIC**
- ◆ **ENERGY EFFICIENT**
- ◆ **LONGER SERVICE LIFE**
- ◆ **FINE QUALITY**



Cristal Aqua Systems

DP-112/G, Secound Main Road, Ambattur Industrial Estate,
(Near Wavin Bus Stop) Chennai 600 058

Ph: 044 - 4206 0135, 4206 0136 Fax: 044 - 4206 0136 Mobile: 98400 42565

Email: cristalacqua@gmail.com

Website: www.cristalaguasystems.in