



BOTTLING MODULAR PLANT - SB3000

Water is the most important natural resource of the planet and is the fundamental element for human life. In order to guarantee efficiency of every human activity it's necessary to provide the right daily quantity of water to everyone.

To rehydrate the body and to produce excellent soft drinks, water must be fresh, pure and rich in minerals.

SERAM BOTTLING MODULAR PLANT SB3000 is calibrated for a 3000 liters/hour production, operated by a 3 low skilled operators + 1 technician.

Thanks to modular construction, based on standard 10' and 40' containers, **SERAM BOTTLING MODULAR PLANT SB3000** is fully transportable by truck and can be installed in a small area in 1 day work.

SERAM BOTTLING MODULAR PLANT SB3000 is engineered for heavy and constant daily production; it requires low maintenance with the consequent reduction in operating costs.

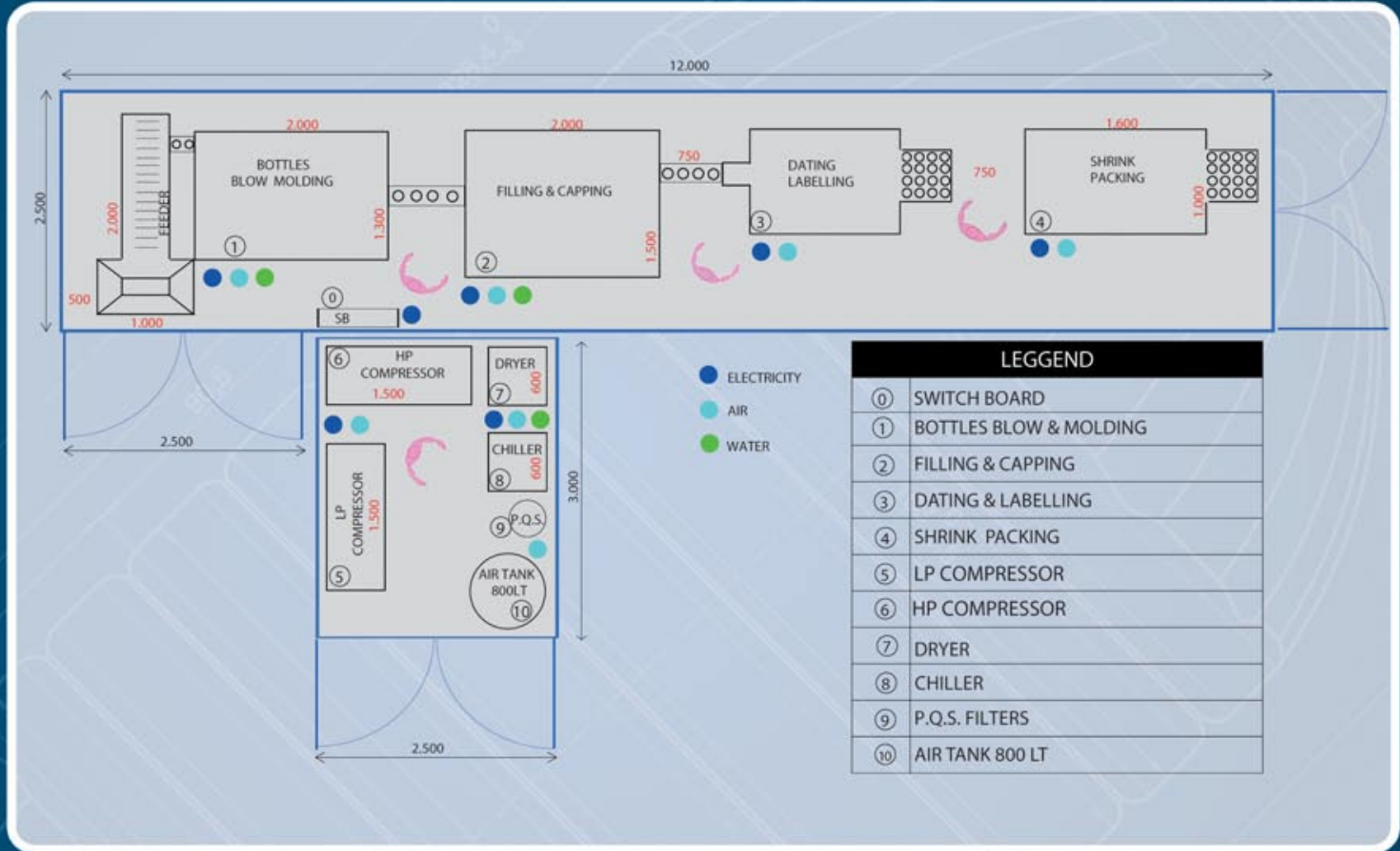
MODEL
SB 3000

USE FOR
FLAT WATER
BOTTLING

CAPACITY
3000 LT/HR

FITTED ON
40' CONTAINER
10' CONTAINER

STAFF
REQUIRED
3 OPERATORS
1 TECHNICIAN



An efficient mix of simplified devices with high-tech controls make the unit highly reliable and easy to maintain; one operator can produce up to 3000 bottles an hour.

It has been engineered to eliminate the usual preform-to-bottle inversion process, thereby eliminating costly robotics and/or labor.

The preform unscrambler, hopper, elevator and sorter are integrated to produce bottles from 0,5 liters to 1,5 liters reducing costs by 25% to 50%.



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BOTTLES BLOW AND MOLDING WORKFLOW

A) Preforms are loaded into the hopper.



B) An elevator moves preforms up to a gravity-based sorter, which aligns preforms on a conveyor.



C) Preform chute verifies proper feed status and transports preforms to heat tunnels.



D) Preforms move through four parallel heat tunnels, each with eight heat zones and two quartz heaters.



E) Preforms enter the open customdesigned molds.



F) Finished bottles in the molds.



G) Bottles move out of the molds and onto a conveyor, which takes them out of the blow.



H) Bottles exit the blow molder.



Filling and capping are grouped into a unique automatic machine to guarantee the right quantity of pure water.

The machine is fully inspectable to guarantee simple cleaning procedures and low maintenance.



Reliable and robust, labelling machines is made to work up to 3000 bottles/hour.

It's made of stainless steel AISI 304.

Can accept a wide range of self-adhesive labels and print lot number and "best before" date on the bottles.

It's full automatic, simple to use and requires low maintenance.



3

Shrink Packing Machine

Bottles can be packaged in group of 12 bottles by 0,5 liters or 6 bottles of 1,5 liters.



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for more information
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