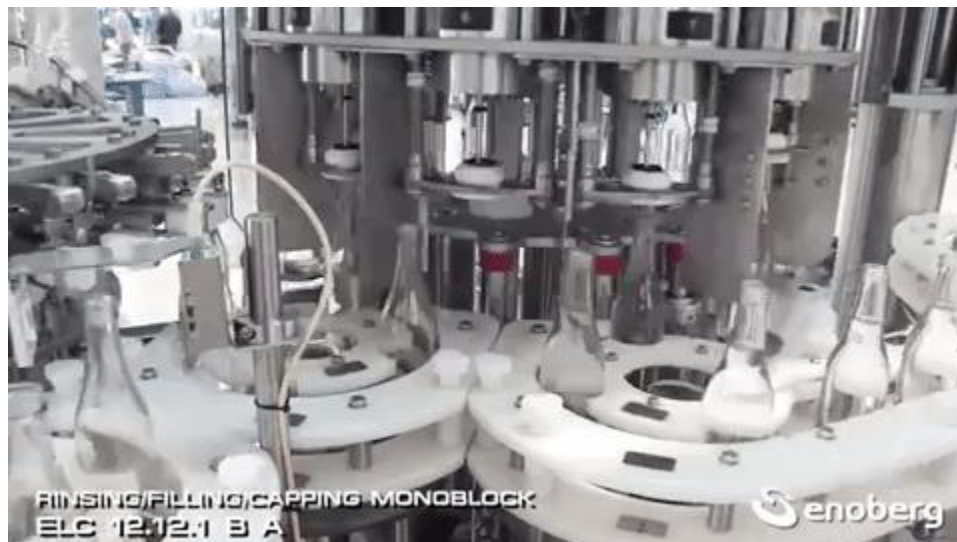




The bar that serves rainwater!

Casa del Agua, in Mexico, began as an eco bar in 2012 from an idea by Bozco Quinzaños who created an original scenario where the protagonists are glass bottles in which rainwater is stored.





### A totally green business concept!

Innovating to attract consumers and beat the competition by launching new models of development, able to fulfill consumer expectations, especially concerning environmental sustainability. The new eco-friendly concept of **Casa del Agua** stands out for the idea behind the store: **selling rainwater!**

An idea, halfway between original and bizarre, that is carried out in full view of the customers, through the collection, filtration, distillation, purification and bottling of water into **recyclable and screen-printed glass bottles**.

Results are extraordinary because every liter of rainwater used is a liter of underground water saved, which helps prevent the deterioration of underground water basins.



From a mostly manual to an automatic production is only a short step, thanks to the new turn-key line provided by **ENOBERG**, that includes: a rotary monobloc from the **ELC 12-12-1 B A series**; a **rotary table** to manually upload the bottles; **inspection systems for checking the level**, the **presence and correct position of the cap**; a **progressive expeller** to expel any non-compliant bottles and a **saturation** to carbonate the water.



## From rainwater... to drinkable following the rhythm of music!

Converting rainwater to drinkable water is a long process, that requires **about 60 hours**, but occurs harmoniously, since it is accompanied by classical music. The process starts with the collection of rainwater on the terrace of Casa del Agua; then it is conveyed into a **2,500 liter tank** for the automatic bottling thanks to the new line provided by Enoberg.



## The advantages of ENOBERG solution

ENOBERG supported Casa del Agua during the study, design, manufacturing and installation of the plant with a production capacity of **up to 2,700 bottles/hour** that includes a monobloc for rinsing, filling and capping **335 ml screen-printed glass bottles** that stands out for:

- **Electro-pneumatic filler valves** (pneumatic valves activated by solenoid valves) for counter-pressure gravity level filling, which facilitate the automation of all the bottling functions;
- **Tank** suitable to resist pressure of **up to 6 bar**;
- **Control** of the valve **processing time** by operator panel;
- Independent movement of the machine axis through **ICOS brushless motors with integrated control**, in order to guarantee **perfect synchronism** between the stars, **low noise** during running and **easy maintenance**;
- **Diagnosis** of motor **operating conditions** through HMI;
- **Quick bottle changeover** parts and **pre-programmed recipes**, enabling quick changeover at a software level;
- Filler can be fully cleaned thanks to the dummy bottles to be positioned in a easy way and to the piping system, designed for **recovery or recycling**, depending on the needs, **of the washing solution and washing operation in direct and counter-flow**;
- Machine geared to run **future 600ml glass bottle**.



READ THE ARTICLE

If you want to have more information about the advantages offered by the monoblocs supplied by **ENOBERG**, we invite you to contact our [sales department](#), visit our [website](#) or pay us a visit to **Expo Pack** – Mexico from June 11-13 (**booth 1232**) and **Propak Asia** – Thailand from June 12-15 (**booth BS01**).

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