

Bottling Water Unit

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| Name: | Sunstone 4000PBH Pure Water filling line |
| Filling products: | Pure Water |
| Production Capacity: | 4000 b/h (500ml) |
| Liquid level: | Meets customer's demand |
| Bottle: Raw materials: | PET bottle |
| Bottle type: | Round or square (undertermined) |
| Bottle quantity: | 0.5 - 1.0 liter |

An automated assembly line to fill and cap bottles, apply customised labels, and package cases for distribution, sale, and use.

Foot-print

The bottle unit itself is 19m long, and 9m wide. To allow working space for operators all around the machine the required working area for the bottle unit is about 23 x 11 square meters.

Additional space may be required for for stock, pre-formed bottles , caps and finally unloading and transportation of the finished bottles. We would therefor recommend at least 25 x 12 square meters.

Drinking Water Regulations

The unit is capable of producing drinking water that complies with federal regulations and meets the WHO's recommended drinking water contaminant limits.

The relevant drinking water treatment regulations in the United States for bottled water are the EPA's Maximum Contaminant Levels (MCLs) from the National Primary Drinking Water Standards (NPDWSs) and the FDA's bottled water regulations from the 21 CFR Sec. 165.110.



**Bottle cap
HDPE**

PET bottle

**Sleeve and
shrink label**

**Diameter
-88mm**

0.5 - 1.0 liter

Technical information

| | |
|---|--------------------------|
| Model | SWGBU40 |
| Output/ hour | 4000BPH for 500 ml |
| Bottle size | Diameter. -88mm |
| Blowing cavity | Heigh: -230mm 6 cavities |
| High pressure | 4.0MP a |
| High pressure compressed air consumption | 5m ³ /min. |
| Hight pressure compressor power | 50KW |
| Low pressure | 1.0MP a |
| Low pressure air consumption | 2m ³ /mn. |
| Low pressure compressor power | 15KW |
| Servo motor power | 1KW |
| Heating lamps power | 96KW |
| Hydraulic pressure station power | 7KW |
| Footprint necessary | 23m X 11m |
| Total Weight | 6.5 tons |



**Watch
now**



Additional Regulations

With bottled water, other regulations also become relevant beyond the water treatment process:

21 CFR part 129, the regulations for the processing of bottled water; 21 CFR part 101, the regulations governing labels; 21 CFR part 110, The FDA's Current Good Manufacturing Practices. These regulations are not directly related to the water, but need to be followed by the operators in order to ensure safe operations. This includes operations related to water testing, sanitation, and shipping/processing.

**24 bottles per
group**

**PE film shrink
package**