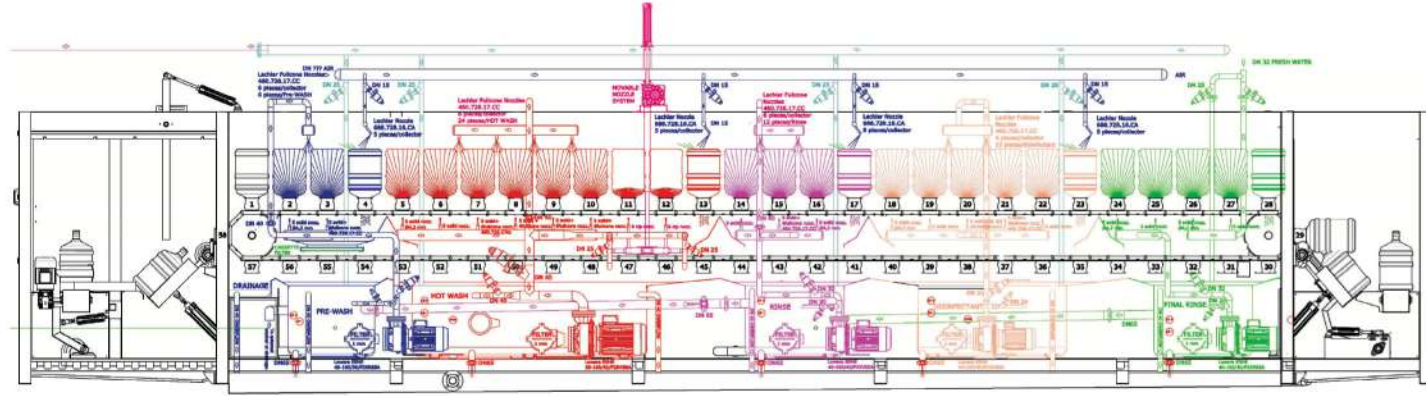


Sample Washer Structure



SELECTION CHART

	BWFC1	BWFC2	BWFC3	BWFC4	BWFC5	BWFC6	BWFC7	BWFC8
MAX CAPACITY (b/h) BOTTLE WASHERS	150	300	650	1000	1200	1500	1800	2200
Model	W1	W2	W3	W4	W5	W6	W7	W8
Max Capacity (b/h)	150	300	650	1000	1200	1500	1800	2200
Bottles Wide	1	2	3	4	5	6	7	8
Auto Load	NO	NO	OPT	STD	STD	STD	STD	STD
Auto Unload	STD	STD	STD	STD	STD	STD	STD	STD
External Wash Nozzles	STD	STD	STD	STD	STD	STD	STD	STD
Infeed	Manuel	OPT	Auto	Auto	Auto	Auto	Auto	Auto
Machine Length (mm)	3500	7000	8000	8500	8500	9000	10000	10500
Machine Height (mm)	1600	1600	1800	1800	1800	2000	2000	2000
Machine Width (mm)	800	1000	1100	1400	1800	2200	2400	2550
Fillers and Cappers	MONOBLOC	MONOBLOC	NUNE	SHIFT	SHIFT	Shift or Rotary	Shift or Rotary	Shift or Rotary
Capacity (b/h)	150	300	750	1800	1800	2400	2400	3200
Filing Valve Qty Shift	1	2	3	6	6	8	8	10
Filing Valve Qty Rotary						14	16	18



B.S.E.

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5 GALLON BOTTLING SYSTEMS

YET WITH DIFFERENT DIAMETER BOTTLES ON THE SAME LINE!



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HOD solution



BE AHEAD...

"Technology powered by water"



B.S.E.

BSE (Beverage System Engineering),

BSE is established in 1999 by employees who had worked in high technological environment of Coca-Cola. Since 1999, our company has been manufacturing machinery for part or complete turnkey beverage, water bottling, packaging process plants and offers 7 day 24 hour wide range of services. BSE Machinery is continuing investing in R&D to manufacture high quality wide range of automated machinery and to install part or complete turnkey efficient plants. Incorporating latest machinery engineering and design developments with dedicated engineering and technical staff, within this short period BSE Machinery has become one of the main manufacturer and supplier among the companies in this industry.



- **Offer** solutions for your beverage (Water, soft drinks, isotonic drinks, juices, wines, spirits) bottling systems.
- **Design** of machinery for the beverage industry.
- **Development** of systems for the bottling industry.
- **Manufacturing** the machinery for the bottling industry.
- **Installation** of the manufactured and supplied machines.
- **After Sales Service** of the supplied machinery.
- **Overhaul**, repair or replace the bottling equipment.
- **Relocation**, of bottling lines from one location to the other with specially trained dedicated staff.

■ **LOADING UNLOADING ROBOT (eXrobotic)**
Single or double robot for your applications

■ **BOTTLE WASHERS (eXtreme)**
Starting with a capacity of 150 to 2200 BPH upto 28 stations of washing steps 5 different baths suitable for both glass, pet and polycarbonate bottles with diameters from 150-280 mm on the same machine

■ **EXTERNAL SURFACE WASHERS (eXternal)**
Inline design with horizontal rotary brushes and pressure pump for excellent solutions

■ **DECAPPERS (eXtractor)**
Single head to 3 head decappers with perfect result

■ **LEAK TESTERS (eXercise)**
Can detect small leaks down to min. 0.4 mm holes

■ **FILLERS (eXact)**
ROTARY for higher capacities from 1200 to 4000 BPH or higher. INLINE for more economic applications with great accuracy

■ **CAPPERS (eXquisite)**
Accurate and great performance

■ **CAP ELEVATORS**
Hygienic and basic design with perfect performance

■ **SLEEVE APPLICATORS (eXcellent)**
High speed and economic solution with effective results

■ **SLEEVE HEAT TUNNELS (eXotic)**
Adjustable temperature completely closed energy efficient design

■ **BOTTLE CONVEYORS**

■ **RACK CONVEYORS**

■ **CIP UNITS etc...**



Go for the best construction...

Hygienic Construction;

<p>1- Bath corners are rounded to prevent debris being collected inside the bath.</p>	<p>3- Nozzle collectors round to prevent debris being collected inside.</p> <p>4- Nozzles collectors are easily removable of the machine with triclamp design for easy cleaning.</p> <p>5- Nozzle collectors both ends can be opened for easy access of cleaning.</p>		<p>7- Wide manholes for easy access of operators for cleaning.</p>
<p>2- Inclination angle inside the baths to ease the cleaning. Just open the manhole or drain and the tank is empty.</p>		<p>6- Special bottle carrier design to ease the bottle neck wash.</p>	

Effective Precautions to Prevent Water Transfer Within the Baths;

<p>■ Bath center guide</p> <p>■ Bath top guide</p> <p>■ Jetwash only run when bottle exists</p>	<p>■ Bath curtains to prevent water splashing</p> <p>■ Open chain design</p> <p>■ Special carrier design to guide the water</p>	
		<p>■ Air blow system</p> <p>■ Window top guide</p> <p>■ Curtain top guide</p>

Advantages of Our Fillers;

- We base our filler designs on hygiene and accuracy.
- Beyond this our new innovative valve design brings the high speed together with the accuracy.
- This patented design controls the water flow regardless of speed thus helping us to achieve better results with smaller valve quantities.
- We use the best flowmeters dedicated to filling business and the best material to achieve the best results.
- All our machines are ready for installing CIP.
- Our fillers are designed to be more hygienic and more accurate and we use all food grade materials.
- We have high class aseptic blowers to create positive pressure inside the filling room to enable a hygienic filling environment.

Go for the best manufacturer...