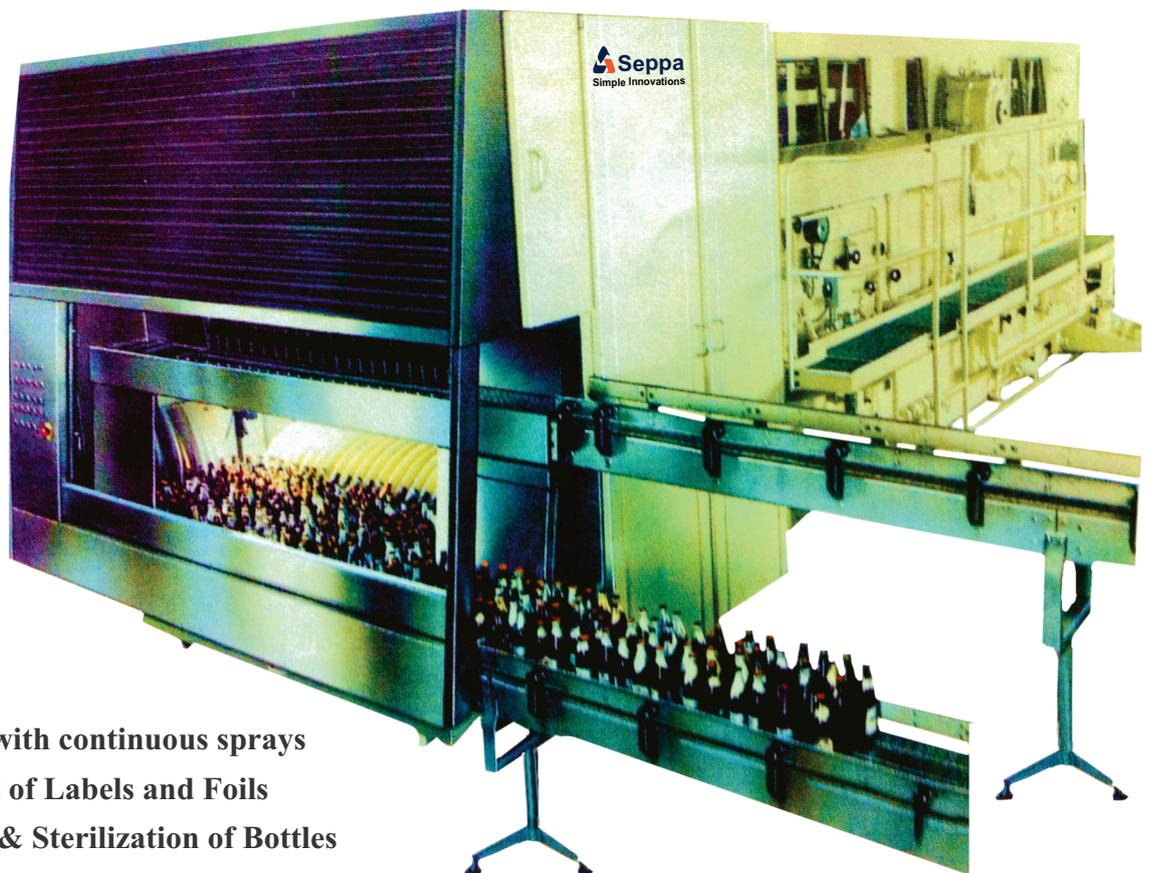


GERMAN TECHNOLOGY
AUTOMATIC (MULTI SOAK)

GLASS BOTTLE WASHER

SRM 130, 140,150



- ❖ High Output
- ❖ Eco-Friendly
- ❖ CIP Systems
- ❖ Multi-soak tanks with continuous sprays
- ❖ Complete removal of Labels and Foils
- ❖ Efficient cleaning & Sterilization of Bottles
- ❖ Low consumption of Steam and Water

25 Years
of COMPLETE LINE SOLUTIONS
Manufacturers of Automatic Glass Bottling Line
Joint Venture With Rita Bottling

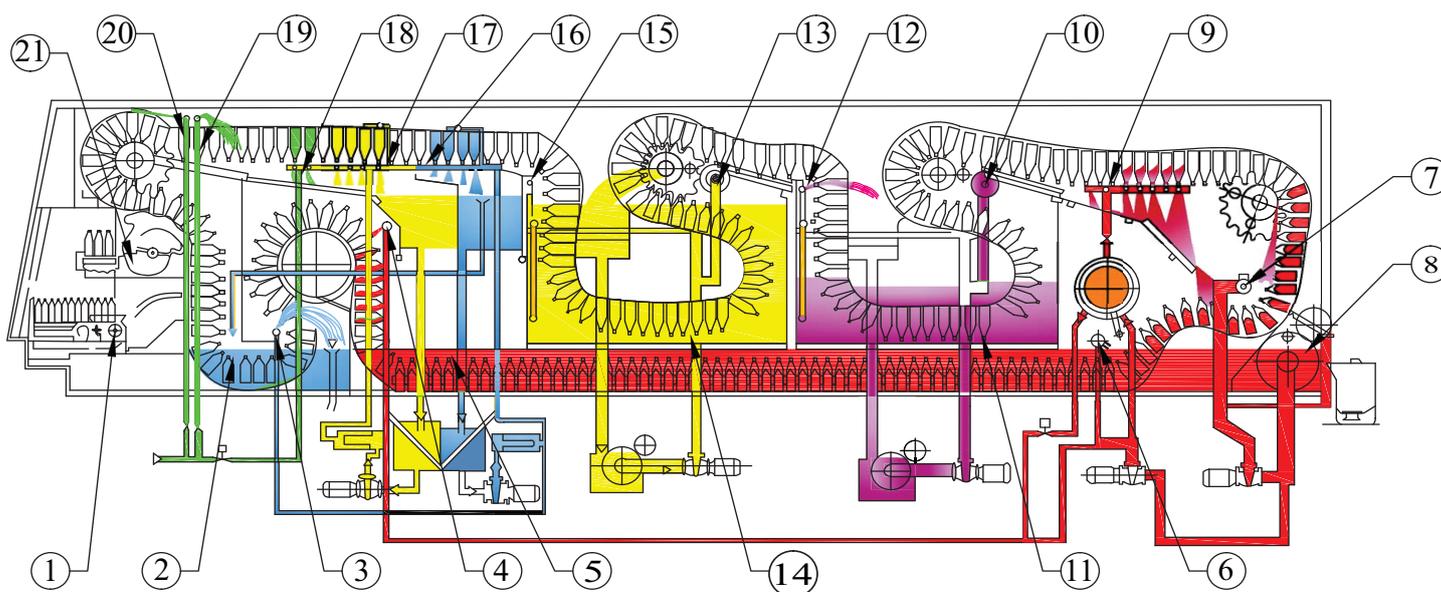
Seppa Rita's SRM 130/140/150 Automatic Bottle Washing Machines are designed for high outputs and for cleaning very dirty bottles with labels and foils. It has 3 to 4 multi soak tanks for intensive soak of the bottles and spraying inside, outside with high pressure sprays.

The movement of the main carrier chain is continuous, giving high spraying and soaking times. The in-feed of bottles is with automatic auto-loader and out-feed by CAM system.

The machine is suitable for bottles up to 1 litre size Steam and Water consumption is kept minimum by means of Energy regeneration and water recycling at every stage, resulting in a very energy and eco-friendly machine.

Cleaning in Place (CIP) is incorporated in fresh water zone for cleaning and disinfection. Automatic Caustic measuring and dosing device will be incorporated as optional.

Cross Section View of SRM Series



- | | |
|--------------------------------------------------|-------------------------------------------------------|
| 1. Bottle Feed Mechanism | 12. External flushing of bottles with Lye |
| 2. Pre-Soak at 30°C | 13. Pre-Filling and flushing of bottles with Lye* |
| 3. Pre-Spray at 40°C | 14. Caustic lye soak at 50°C* |
| 4. Lye Flushing for Removal of dirt and labels | 15. External flushing of bottles with Lye* |
| 5. Main Caustic Soak at 65°C | 16. High pressure internal and external spray at 40°C |
| 6. Lye Flushing for removal of dirt and labels | 17. High pressure internal and external spray at 30°C |
| 7. Lye Flushing for removal of dirt and labels | 18. Fresh water internal spray |
| 8. Label removal System | 19. Fresh water external spray |
| 9. Caustic lye spray at 80°C | 20. CIP – Disinfection spray (optional) |
| 10. Pre-filling and flushing of bottles with Lye | 21. Bottle discharge mechanism |
| 11. Caustic Lye soak at 65°C | |

☀ Not Applicable for SRM 130

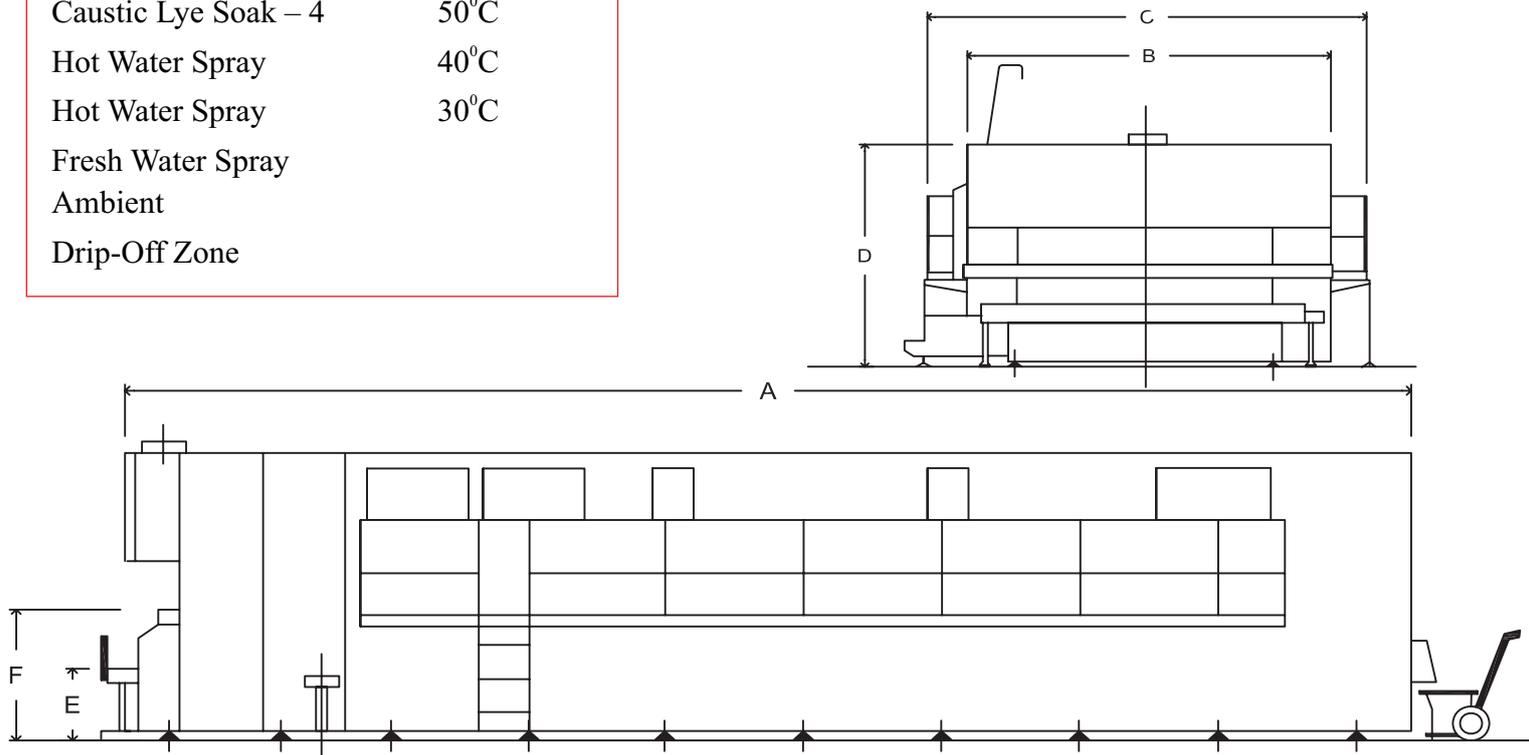
Salient Features

	Fresh Water	
	Clean Water	30°C
	Hot Water	40°C
	Lye - 1	65°C
	Lye - 2	80°C
	Lye - 3	65°C
	Lye - 4	50°C

Treatment

Pre-Soak -1	30°C
Preliminary Spray	40°C
Main Caustic Soak – 2	65°C
Hot Caustic Lye Flushing	80°C
Caustic Lye Soak – 3	65°C
Caustic Lye Soak – 4	50°C
Hot Water Spray	40°C
Hot Water Spray	30°C
Fresh Water Spray	
Ambient	
Drip-Off Zone	

-  Advanced loading/unloading system
-  Multiple Soak Tanks
-  Higher Treatment Times
-  Efficient Label and Foil Separation System
-  Automatic Lye Measurement and Dosing (Optional)
-  Hydrogen Gas Extractors (Optional)
-  100% condensate recovery system
-  Fully Automatic Electrical Panel and Operator Panel with digital readouts
-  Continues drive system with multiple drive chain
-  Moving Sprays System
-  Low steam consumption
-  Variable speed control
-  Low maintenance, Easy Service



Dimensions

	A	B	C	D	E	F
SRM 130	9185	3976	4762	2800	700	1280
SRM 140	11680	3976	4762	2800	700	1280
SRM 150	11680	4976	5762	2800	800	1380

All Dimension are in mm

Technical Specification

DATA	SRM 130	SRM 140	SRM 150
650ml Beer Bottles / Hour	16000	20000	28000
Cycle Time (Minutes)	16	18	18
Caustic Treatment (Minutes)	8	9	9
Number of Soak Tanks	3	4	4
Number of Bottles / Row	25	25	35
Number of Rows / Machine	168	243	243
Number of Rows in Caustic	106	125	125
Steam (Kg/hr) at 3.0 Kg/cm ²	600	800	1050
Water (m ³ /hr) at 2.5 Kg/cm ²	5	6.5	9
Air (m ³ /hr) at 6 Kg/cm ²	2	2.5	2.5
Power Consumption (Kw)	58	60	80
Machine Weight (Tonne)	22	28	35
Service Weight (Tonne)	36	45	56

Note : - Due to continuous improvements, specifications are subject to change without notice.

We also manufacture Vacuum Fillers, Tunnel Pasteurizers and Coolers, Bottle Packers, Premix Carbonators, Crate Washers, Cap Conveyors and Other Bottling Equipments.

Step Up
Productivity
Hygiene
And Line Speed

SeppA
Simple Innovations

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