

SRM 1 SERIES

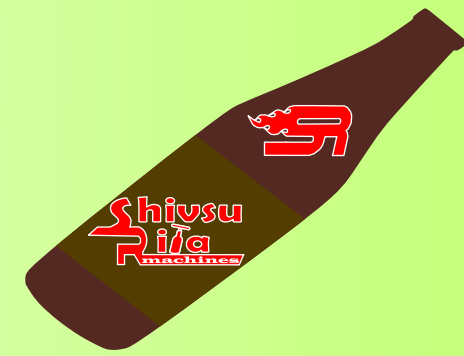
Shivsu Rita's SRM series Automatic Glass Bottle Washing Machines are extremely popular in wide range of industries such as:-

- ✿ Brewery
- ✿ Dairy
- ✿ Distillery
- ✿ Juices
- ✿ Soft Drinks
- ✿ Ketchup

Salient Features

- ✿ Automatic loading / unloading system
- ✿ Auto speed control
- ✿ Digital temperature control
- ✿ Steam condensate equipment
- ✿ Lye filtration
- ✿ Label separators
- ✿ Vapour extractor
- ✿ Water re-circulation
- ✿ Easy operation
- ✿ Low steam consumption
- ✿ Low water consumption
- ✿ Safety clutches & limit switches
- ✿ Electrical panels
- ✿ Dual voltage safety system
- ✿ Emergency stop
- ✿ Fault annunciator
- ✿ Heavy duty pumps & motors
- ✿ Easy maintenance

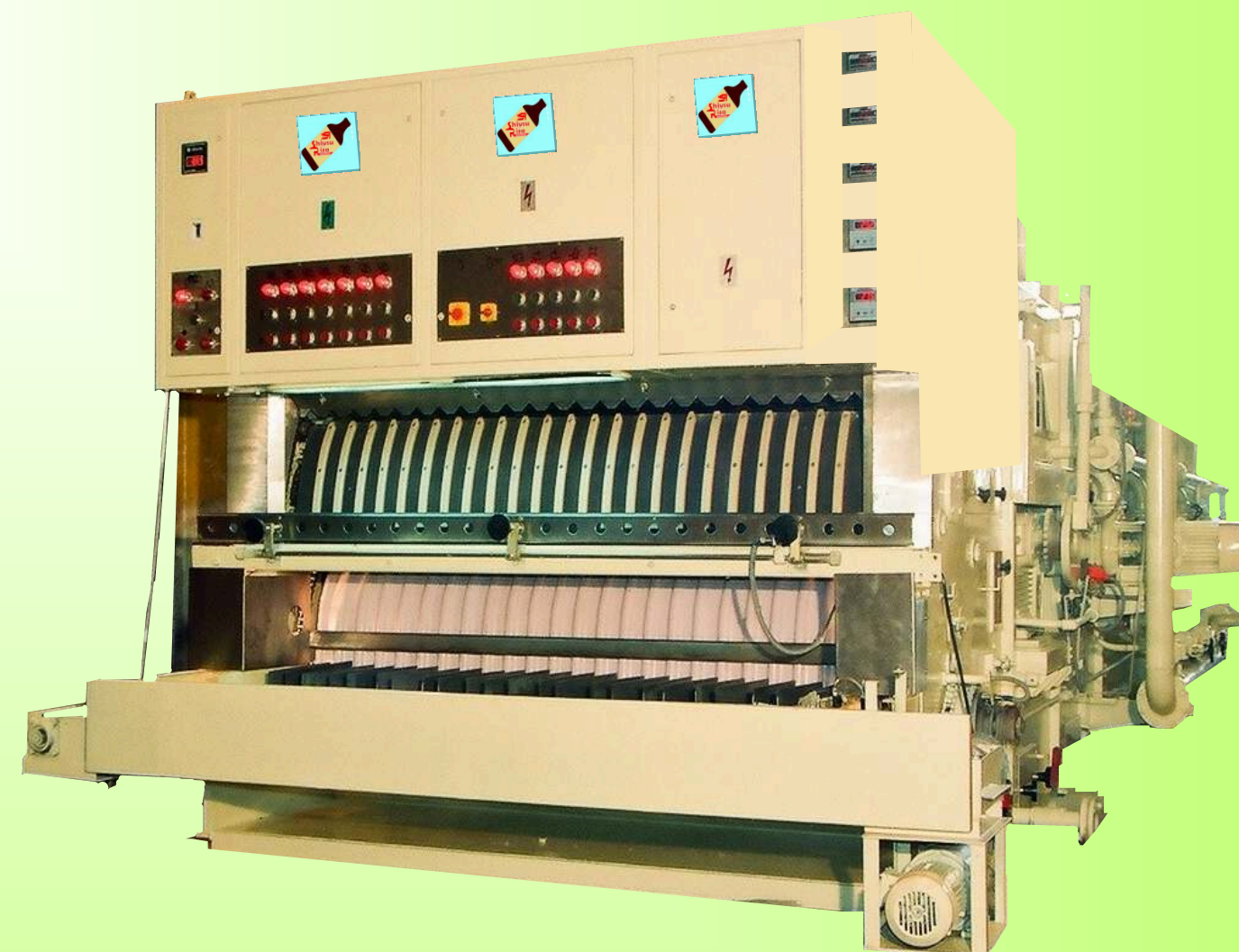
The larger soaking and spraying cycles ensure efficient washing of the bottles. Recycled dirty bottles are washed thoroughly without need for pre-washing. Label separators remove labels and foils completely. The machines are supplied ready for commissioning.



Automatic Bottle Washing Machines

- ✿ A Wide range of Models
- ✿ Universal application in bottling plant
- ✿ Outputs from 60 - 250 BPM
- ✿ Efficient cleaning & sterilization of bottles
- ✿ Eco - friendly
- ✿ Suitable for bottles up to 1000ml size
- ✿ Complete removal of labels and foils
- ✿ Low maintenance cost

SRM 103,106,109 112,115,120



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(An Authority on Packaging Equipments)

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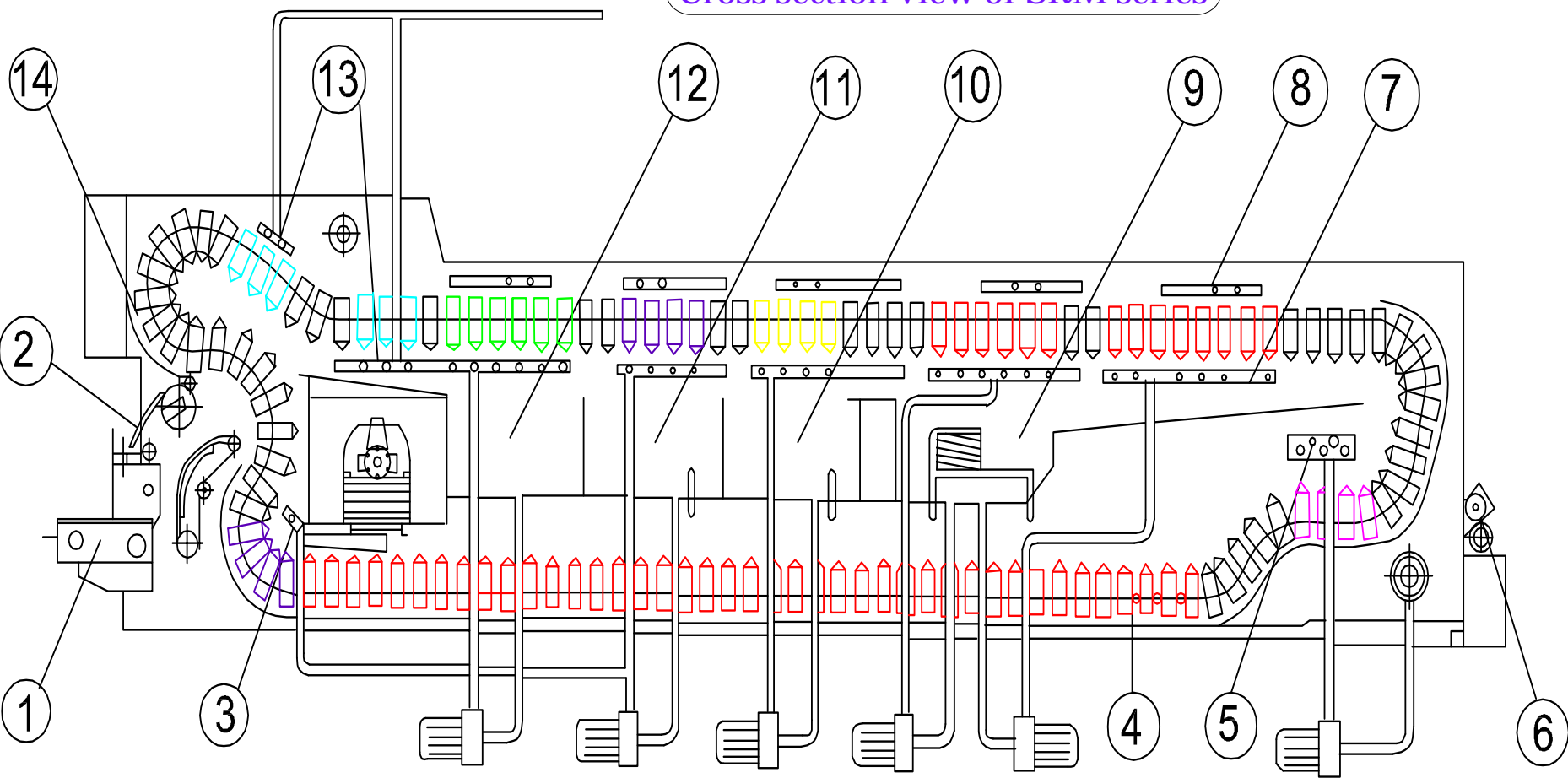
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Manufacturers of Automatic Glass Bottling Plants in
Technical Collaboration with RITA BOTTLING

Cross section view of SRM series



TREATMENT		
	Preliminary Spray	40°C
	Main Caustic Soak	65°C
	Hot Caustic Lye Flushing	65°C
	Hot Caustic Lye Spraying (Internal/External)	80°C
	Hot Water Spray	50°C
	Hot Water Spray	40°C
	Fresh Water Spray	30°C
	Fresh Water Spray	Ambient
Drip off Zone		

- 01. Auto Loader
- 02. Bottle Discharge
- 03. Pre-Spray 40°C
- 04. Main Caustic Soak 65°C
- 05. Label Flushing Spray
- 06. Label Separator
- 07. High Pr. internal Spray
- 08. High Pr. external Spray
- 09. Caustic Zone 80°C
- 10. Hot Water Zone 50°C
- 11. Hot Water Zone 40°C
- 12. Hot Water Zone 30°C
- 13. Fresh Water Sprays
- 14. Drip off Zone

Technical Specification

DATA	SRM 103	SRM 106	SRM109	SRM 112	SRM 115	SRM 120
Rated Output						
180ml - Flat Bottles	3600	6000	9000	12000	15000	21000
375ml - Flat Bottles	3600	6000	9000	12000	15000	21000
650ml - Round Bottles	3600	6000	9000	12000	15000	21000
750ml - Round Bottles	3600	6000	9000	12000	15000	21000
250ml - Soft Drinks	5000	8000	12000	15000	18000	24000
1000ml - Soft Drinks	3000	4000	5000	6500	8000	10500
Number of Bottles / Row	15-20	15-20	15-20	20-30	20-30	20-30
Number of Rows / Machine	68	84	108	108	132	132
Power Consumption	15 kw	24 kw	30 kw	36 kw	46 kw	60 kw
Steam at 3.0 Kg / Cm ²	230 kgs/hr	330 kgs/hr	430 kgs/hr	550 kgs/hr	650 kgs/hr	850 kgs/hr
Water at 2.5 Kg / Cm ²	2.2 m ³ /hr	4.8 m ³ /hr	4.8 m ³ /hr	6.4 m ³ /hr	8.0 m ³ /hr	9.0 m ³ /hr
Air at 6 Kg / Cm ²	2.0 m ³ /hr	2.0 m ³ /hr	2.0 m ³ /hr	2.0 m ³ /hr	2.5 m ³ /hr	2.5 m ³ /hr
Machine Weight	6 Tonne	9 Tonne	11 Tonne	13 Tonne	16 Tonne	20 Tonne
Service Weight	12 Tonne	16 Tonne	20 Tonne	24 Tonne	30 Tonne	35 Tonne

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

DIMENSIONS			
	L	H	W
SRM 103	5100	2500	2900
SRM 106	6800	2500	2900
SRM 109	8800	2500	2900
SRM 112	9600	2500	3400
SRM 115	10200	2600	4350
SRM 120	10200	2600	5300

All dimensions are in mm

