

**BOCETTI** S.R.L.

# ROTARY BASKET WASHING MACHINES RB SERIES

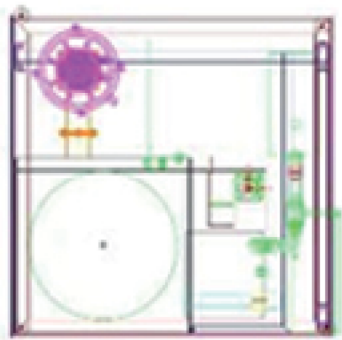
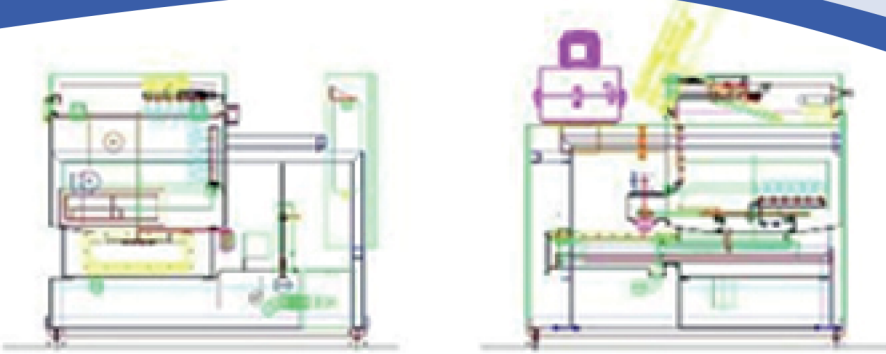


# ROTARY BASKET WASHING MACHINES RB SERIES

The **RB series** of rotating drum washing machines, available in two different sizes, **60 and 90**, provide a simple solution for degreasing and cleaning mechanical parts, in proportion to the actual volumes to be processed.

The rotating drum washing machines, by means of the upper inlet and the hinged cover, with manual movement, can be loaded for the execution of washing cycles consisting of the following automatic phases (at variable times):

- ✓ Spray washing with detergent solution, warm;
- ✓ Spray rinsing, cold or hot (with disposable water);
- ✓ Blowing with high-impact compressed air nozzles;



## STANDARD EQUIPMENT

Hinged lid with gas springs and electric safety closure

Rotating basket  
(Diameter: 600/900mm)

Touch screen operator panel

Detergent solution  
thermoregulation system

Recirculation circuit with filtration

Level controls

Manual level reset valve

Spraying ramps  
(upper, lower and side)

Upper blowing ramp

Coalescing extractor fan  
for vapour extraction

Lower anti-histicide tank

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The following "options" improve the performance of basket-type washing machines:

OPTIONAL EQUIPMENT	
<b>A</b>	Ion exchange softener for softened water production (washing and/or rinsing)
<b>D</b>	Reverse osmosis demineraliser for demineralised water production (rinsing)
<b>R</b>	Final rinse system (circuit, mobile tank/partition, filtration and spray ramp)
<b>L</b>	Automatic level restoration system in the process tank
<b>1</b>	Automatic detergent dispensing
<b>2</b>	Warning system for low level of concentrated product
<b>3</b>	Belt de-oiler
<b>4</b>	Wastewater recovery circuit (storage tank with level controls and electric recovery pump)

**A-D** The softener and demineraliser allow the production of ever purer washing water. Their use is particularly recommended for finishing washes and to ensure that the washing circuits remain clean over time. The equipment, which can be used individually or in combination, is supplied separately from the washing machine and installed on a special technical module to be placed near the washing machine.

**R** This system enables spray rinsing (with disposable water) to be carried out by means of a mobile spray ramp and a recovery tank/partition, without altering the concentration of the washing bath.

**L** The system consists of a solenoid valve which, in combination with N°2 level controls ("low level" and "max. fill level"), allows automatic level reset of the washing bath.

**1-2** A volumetric dispenser, with 0-10% adjustment, sucked directly from the detergent tank that can be positioned inside the washing machine, can be combined with the use of a special "tank cap" containing a "detergent reserve" signal level switch.

**3** The detergent solution storage tank can be equipped with a belt oil remover that removes residual oil from the free surface of the detergent solution.

**4** The "Waste water circuit" is useful whenever the washing machine is equipped with option R (disposable flushing system) and there is no sewage sump in the immediate vicinity.

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## GENERAL TECHNICAL FEATURES WASHING MACHINE **SERIE RB**

	<b>RB 60</b>	<b>RB 90</b>
<b>Material</b>	Stainless steel Aisi 304	
<b>Dimensions</b>	1300x1300x(h)1100mm	1600x1600x(h)1130mm
<b>Tub edge height</b>	950 mm	980 mm
<b>Basket diameter ( <math>\phi</math> )</b>	600mm	900mm
<b>Max. part height</b>	250mm	
<b>Max. load</b>	45 daN	80 daN
<b>Detergent solution tank capacity</b>	96 lt	125 lt
<b>Softened water/demi tank capacity</b>	75 lt	
<b>Waste tank capacity</b>	33 lt	
<b>Electrical power supply</b>	400V – 50Hz – 3P+N+G	
<b>Installed electric power</b>	6.0 kW	8.0 kW
<b>Max. Det. sol. temp.</b>	85°C	
<b>Max. rinse water temperature</b>	60°C	
<b>Pneumatic power supply</b>	Pressurised air a 6 bar, $\phi$ 1/2"	
<b>Water supply</b>	Mains water, 1 bar, $\phi$ 1/2"	
<b>Vapour extraction flow rate</b>	500 mc/h	
<b>Weight (empty)</b>	450 daN	600 daN

# ROTARY BASKET WASHING MACHINES RB SERIES

## Strengths:

### **1 – SAFETY**

The presence of the magnetic safety lock, which prevents any connection between the operator and the process tank, makes the use of the washing machine extremely safe.

### **2 – RESPECT FOR THE WORKING ENVIRONMENT**

The special "coalescence filtration" of the emitted vapours, the anti-hydration tank and the integral insulated panelling of the washing machine guarantee a high level of protection of the working environment.

### **3 – EASE OF USE**

The clear and intuitive graphics of the Touch Screen operator panel simplify all the command and control actions of the Washing Machine.

### **4 – ERGONOMY**

The height of the tank edge, the position of the lid handle and the concentration of all the controls near the "operator station" guarantee maximum ergonomics of the washing machine.

### **5 – COMPACTNESS**

The optimisation of the spaces, used to define the internal layout, has made it possible to achieve a reduced "machine footprint", simplifying installation even in tight working environments.

### **6 – VERSATILITY**

The large number of optional equipment makes the Washing Machine extremely flexible

### **7 – RELIABILITY**

Top quality electromechanical components and effective design solutions give the washing machine a high degree of reliability.

### **8 – EASY MAINTENANCE**

The diagnostics available on the operator panel and the possibility of monitoring PLC "inputs" and "outputs" contribute, together with the effective arrangement of the electromechanical components on board the machine, to simplified maintenance activities.



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