

BOCETTI S.R.L.

INDUSTRIAL DIPPING
MACHINE IB 355



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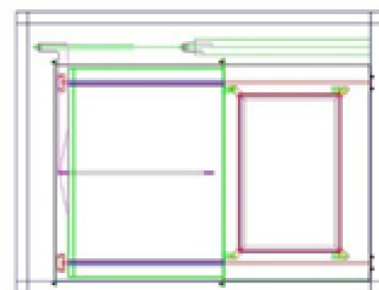
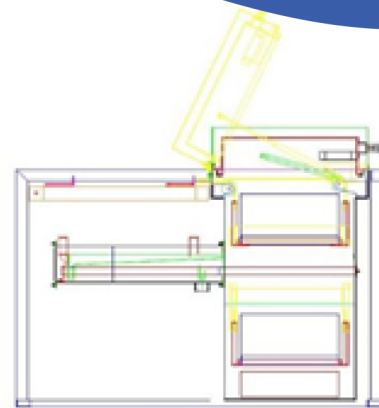
The **IB355** immersion washing machine is the ideal solution for cleaning mechanical parts by means of immersion washing, with the aid of a hydrokinetic action, ultrasonic washing and a final rinse.

The immersion washing machine, 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):

- ✓ Warm hydrokinetic immersion washing in detergent solution;
- ✓ Immersion washing with ultrasonic action in detergent solution, hot;
- ✓ Spray rinsing, cold or hot (with disposable water);

STANDARD EQUIPMENT

Hinged lid with gas springs and electric safety closure
Up/down basket (Dimensions: 350x550x(h)150mm)
Touch screen operator panel
Detergent solution thermoregulation system
Recirculation circuit with filtration
Level controls
Manual level reset valve
Immersion spraying ramps (for hydrokinetic action)
Coalescence extractor fan for vapour extraction
Bottom antistillicide tank



The following "options" allow you to improve the performance of the immersion washer:

OPTIONAL EQUIPMENT

A	Ion exchange softener for softened water production (washing and/or rinsing)
D	Reverse osmosis demineraliser for demineralised water production (rinsing)
US	Ultrasonic generation system (specific power approx. 15W/lt) at 25 or 40 kHz
R	Final rinse system (circuit, mobile tank/partition, filtration and spray ramp)
L	Automatic level restoration system in the process tank
1	Automatic dosing of detergent
2	Warning system for low level of concentrated product
3	Belt de-oiler
4	Wastewater recovery circuit (storage tank with level controls and electric recovery pump)

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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.

US The ultrasonic wave generation system is suitable for all contamination particularly adherent to the surfaces of the mechanical parts to be treated. With the same installed power, the Ultrasonic system can be supplied at low or high frequency (25 or 40kHz).

R This system enables spray rinsing (with disposable water), by means of a distribution of fixed spray nozzles 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 **IB355**

Material	Stainless steel Aisi 304
Dimensions	1000x1300x(h)1000mm
Tub edge height	900 mm
Basket dimensions	350x550x(h)150mm
Maximum height of item to be washed	180mm
Max. load	45 daN
Detergent solution tank capacity	100 lt
Softened water/demi tank capacity	75 lt
Waste tank capacity	33 lt
Electrical power supply	400V - 50Hz - 3P+N+G
Installed electric power	6.0 kW
Max. Det. sol. temp.	85°C
Max. rinse water temperature	60°C
Pneumatic power supply	Pressurised air a 6 bar, Ø ½"
Water supply	Mains water, 1 bar, Ø ½"
Vapour extraction flow rate	500 mc/h
Weight (empty)	400 daN

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.



BOCETTI S.r.l. with YOU since 1970

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