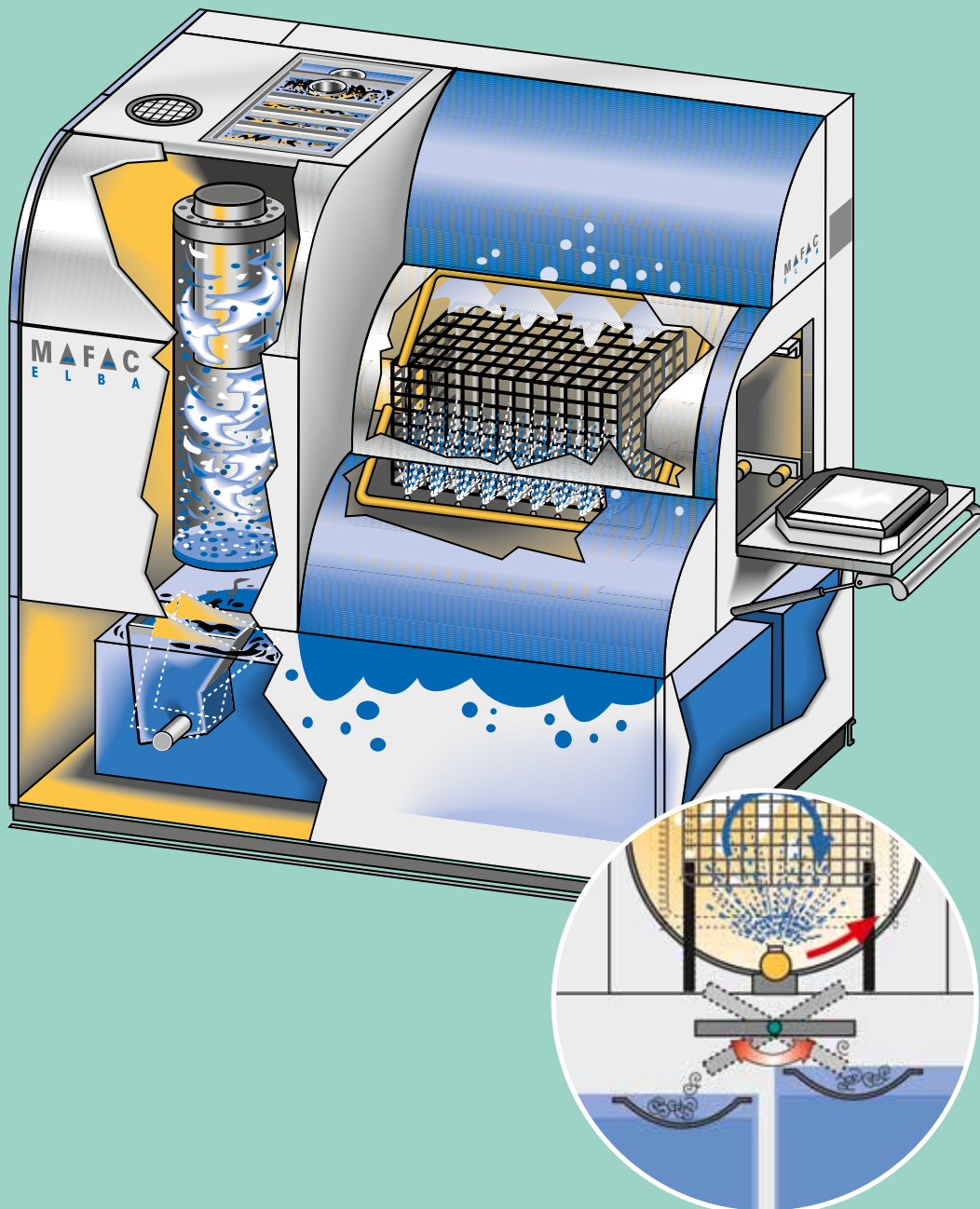


MAFAC ELBA

Technical specifications



Benefits for the user:

- Patented rotating multi-side spray system with counter-rotating basket pickup system (can be switched off). With specifically arranged nozzles for reliable cleaning results.
- Two large-capacity tanks for long life of the process water.
- Cascade design of tanks for extended life of media.
- Reduced energy consumption thanks to insulated tanks.
- Separate heating of tanks.
- Removable swarf filter trays for collecting coarse dirt particles in the return flow from the cleaning/rinsing process.
- Coalescing oil separation system with integrated surface suction device in tank 1 and high-level monitoring of the oil collection tank.
- Steam extraction with mist collector, return of condensation and condensate.
- Hinged door with drip tray as a versatile load/unload platform. After the end of the cleaning process, automatic opening of the hinged door is possible.
- Easy-to-use MAFAC MAVIATIC touch panel.
- Ultra-fine filtration on pressure side of the pump for removing small dirt particles before cleaning/rinsing.
- The hot air pulse blowing system keeps residual water to a minimum for a higher degree of dryness in the parts.
- Hot air drying system for optimum heating and efficient drying of the parts.

Standard features:

- Front loading with hinged door and sliding plate
- Counter-rotating spray system and parts loading system
- Spray cleaning and rinsing in one machine
- EURO standard baskets can be used (600 x 400 x 288)
- Underwater swarf filter tray
- Bath heating system with analogue temperature control and cut-off
- Thermal insulation of tanks
- Steam extraction with condensation and mist separator
- Coalescing oil separator with high-level monitoring of the oil collection tank
- Media fill level control
- Water contact components made of stainless steel / plastic
- Easy-to-use MAFAC MAVIATIC touch panel

Options:

- Rotating pulse blowing system
- Stationary hot air drying system
- Ultra-fine filtration on pressure side of pump
- Speed control for basket rotation including oscillation
- Program package for machine pre-heating and media treatment
- DI unit
- Draining pump
- Bund tray acc. to German Water Resources Act
- Automatic vertical sliding door as an alternative to the hinged door
- Charging trolley
- Modem for remote maintenance of the control system
- Automatic transfer system
- Speed control with nozzle rotation
- Frequency-controlled pump pressure
- Rinse water treatment module

Spraying pressure pump standard version			Return filtration		Option: Pre-run filtration	
Flow volume	Pressure	Output	Grade	Surface area	Grade	Surface area
Cleaning process tank 1:						
385 l/min.	3.5 bar	4.0 kW	150 µm	0.28 m ²	100 µm	1x 0.24 m ²
Rinsing process tank 2:						
210 l/min.	1.8 bar	1.39 kW	150 µm	0.28 m ²	50 µm	1x 0.24 m ²

Option: Spraying pressure pump non-performance version			Return filtration		Option: Pre-run filtration	
Flow volume	Pressure	Output	Grade	Surface area	Grade	Surface area
Cleaning process tank 1:						
350 l/min.	5.5 bar	5.5 kW	150 µm	0.28 m ²	100 µm	2x 0.24 m ²

		Contents	Heating time	Temperature	Heating capacity
1-bath version	Tank 1, cleaning:	775 litres	approx. 2.0 h	[75 °C]	26.0 kW
2-baths version	Tank 1, cleaning:	475 litres	approx. 2.0 h	[75 °C]	15.0 kW
	Tank 2, rinsing:	300 litres	approx. 2.0 h	[75 °C]	15.0 kW

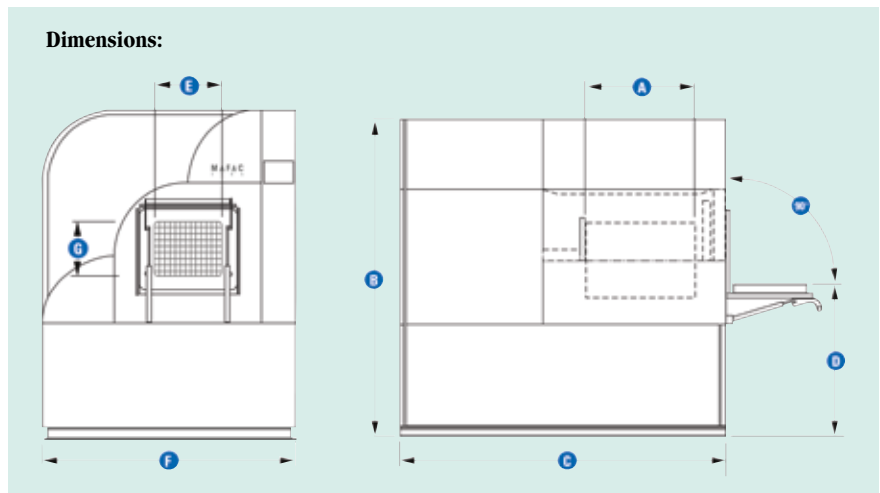
Connections:		Electrical	V PH: Hz ; kVA	400 ; 3 ; 50 ; 36
		Compressed air	inch; bar	Rp ¾ ; 5 – 8
		Fresh water	inch; bar	Rp ¾ ; 0.5 – 10
		Waste water	inch	Rp 1½
		Exhaust air	mm	DN 120
Extraction/condensation:		Mean volumetric flow rate		600 m ³ /h

Drying systems:		Flow volume	Pressure	Temperature
	Pulse blowing system	approx. 3,100 l/min.	6.0 bar	45 °C
	Hot-blowing system	250 m ³ /h	0.015 bar	max 90 °C

Dimensions:		Depth (mm)	Width (mm)	Height (mm)
	Usable space max.	660	480	338
	External dimensions	1800	1400	1850
	Loading height			860

Weight:		Batch	max. 100 kg	Option	max. 250 kg
	Machine	without liquid	950 kg		
		with liquid	1700 kg		

Machine colour:		Light grey	Azure
		RAL 7035	RAL 5015



Parts Cleaning. Systems and Solutions.

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