

# Small and fine - the anniversary machine

## MAFAC PURA



### Benefits for the user

- Patented rotating multi-side spray system with counter-rotating basket receptacle system.
- Compact design with minimum space requirement.
- Large-capacity holding tank to ensure long useful life of the process water.
- Removable basket filters for collecting coarse dirt particles in the return flow.
- Powerful optional coalescence oil separator system with high-level monitoring of the oil collection tank.
- Steam extraction with mist collector, return of condensation and condensate.
- Hinged door as functional loading and unloading platform.
- Simple and convenient operation via the integrated Siemens K300 text display.
- Ultra-fine filtration in the main flow for removing small dirt particles before cleaning.
- The hot air pulse blowing system keeps residual water to a minimum for a higher degree of dryness of the parts.
- Cleaning chamber with viewing window for monitoring the cleaning process.
- Plug and Play: Available at short notice and immediately ready for use.
- Voltage range designed for worldwide use.

### Standard features:

- Innovative machine design for quick maintenance and easy servicing
- Front loading with hinged door and sliding plate
- Rotating spray system with counter-rotating basket receptacle system
- Standard baskets can be used (471x321x200 mm or 521x321x200 mm)
- Stationary hot air pulse blowing system
- Basket filter in return flow
- Water heating system with analogue temperature control and cut-off
- Steam extraction with condensation and mist separator
- Large tank with a capacity of 295 litres
- Levelling set

### Options:

- Coalescing oil separator with high-level monitoring of the oil collection tank (45 l)

### Accessories:

- Initial equipment with cleaning agent and basket
- Collection basin acc. to German Water Resources Act
- Drip pan

### Cleaning process tank 1:

Spraying pressure pump standard version			Return filtration		Pre-run filtration	
Flow volume	Pressure	Output	Grade	Surface area	Grade	Surface area
380-460 V / 50 Hz approx. 100 l/min	380-460 V / 50 Hz approx. 2,5 bar	2,2 kW	150 µm	0,197 m <sup>2</sup>	100 µm	0,16 m <sup>2</sup>
380-460 V / 60 Hz approx. 130 l/min	380-460 V / 60 Hz approx. 4 bar					

Tank 1:	Contents	Heating time	Temperature	Heating capacity
	295 l	ca. 1 h	max. 75°C	380-460 V / 50 Hz approx. 10,0 kW 380-460 V / 60 Hz approx. 12 kW

Connections:	Electrical	V   Ph   Hz   kVA	380-460 V   3~/PE   50 Hz   approx. 14 kVA 380-460 V   3~/PE   60 Hz   approx. 16 kVA
	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	113 x 105

Extraction/condensation:	Mean volumetric flow rate	600 m <sup>3</sup> /h
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Drying system:	Flow volume	Pressure	Temperature
Pulse blowing system	~3300-3400 l/min	3-5 bar	< 45°C

Dimensions:	Depth (mm)	Width (mm)	Height (mm)
Usable space max.	471/521	321	200
Outside dimensions	1250	950	1600
Loading height (with levelling set)			850-870

Weight:	Batch	max. 50 kg		
	Machine	without liquid	430 kg	
		with liquid	750 kg	
		with liquid and oil separator	795 kg	

Machine colour:	Light grey	Light green
	RAL 7035	similar to RAL 6027



Parts Cleaning. Systems and Solutions.

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