

MAFAC KEA

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.
- Large-capacity tank for long life of the process water.
- Reduced energy consumption thanks to insulated tank.
- Removable swarf filter trays for collecting coarse dirt particles in the return flow from the cleaning process.
- Coalescing oil separation system with integrated surface suction device in tank 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.
- 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.
- Cleaning chamber with viewing window for monitoring of cleaning.
- Optional integration of manual and automatic loading systems.

Standard features:

- Innovative machine design for quick maintenance and easy servicing
- Front loading with automatically unlocking hinged door and sliding plate
- Rotating multi-side spray system with fan and full-jet nozzles and counter-rotating basket pickup system
- EURO standard baskets can be used
- Swarf filtration in return flow
- Liquid heating system with analogue temperature control and cut-off
- Thermal insulation
- 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
- Large tank with a capacity of 320 litres

Options:

- Rotating hot air pulse blowing system
- Stationary hot air drying system
- Ultra-fine filtration on pressure side of pump
- Enhanced pump system
- Speed control for basket rotation including oscillation
- Program package for machine pre-heating and media treatment
- Cleaning chamber with viewing window
- Machine frame made of stainless steel/glass bead blasted
- DI unit for fresh water
- Modem for remote maintenance of the control system
- Bund tray acc. to German Water Resources Act
- Draining pump
- Charging trolley

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:						
200 l/min.	2.0 bar	2.2 kW	150 µm	0.28 m ²	100 µm	1x 0.15 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:						
200 l/min.	3.5 bar	3.0 kW	150 µm	0.28 m ²	100 µm	1x 0.15 m ²

		Contents	Heating time	Temperature	Heating capacity
1-bath version	Tank 1, cleaning:	320 litres	approx. 1.5 h	[75 °C]	10.0 kW

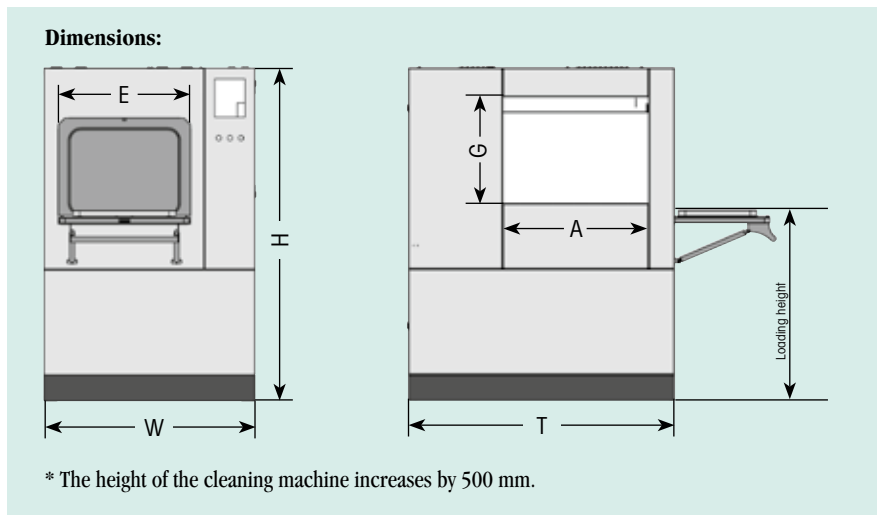
Connections:	Electrical	V PH: Hz ; kVA	400 ; 3 ; 50 ; 23
	Compressed air	inch; bar	Rp ¾ ; 5 – 8
	Fresh water	inch; bar	Rp ¾ ; 0.5 – 10
	Waste water	inch	Rp 1½
	Exhaust air	mm	DN 120
Extraction/condensation:		Mean volumetric flow rate	600 m ³ /h

Drying systems:		Flow volume	Pressure	Temperature
	Pulse blowing system	3300–3400 l/min.	3,0–5,0 bar	< 45 °C
	Hot-blowing system	160 m ³ /h	0.015 bar	max 90 °C

Dimensions:		Depth (mm)	Width (mm)	Height (mm)
	Usable space max.	600	400	288
	External dimensions	1200	950	1500
	Loading height			860

Weight:	Batch		max. 100 kg	Option	max.250 kg
	Machine	without liquid	480 kg		
		with liquid	800 kg		

Machine colour:		Light grey	KEA blue	
		RAL 7035		



Parts Cleaning. Systems and Solutions.

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