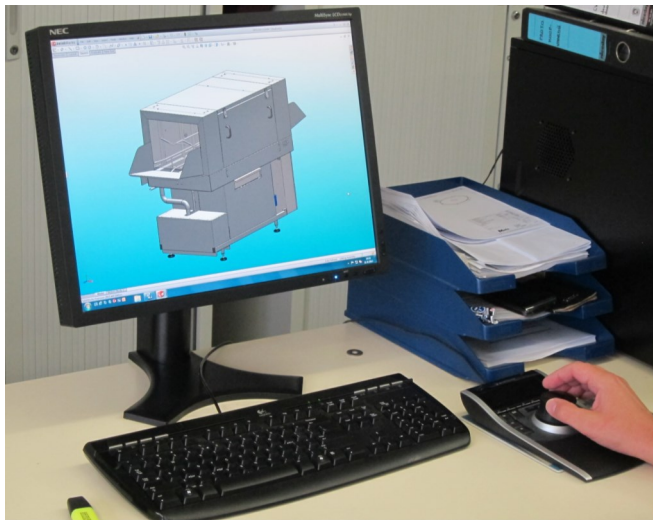




industrial washing



For more than 40 years **Mafo** has been designing and constructing industrial cleaning equipment in stainless steel. The extensive experience and expertise gained in all these years is expressed in the wide range of solutions that **Mafo** has realized in every market sector worldwide.

Mafo develops and builds a line of standard modules: washing machines, blow-off units and dryers. Furthermore **Mafo** supplies custom build solutions.



Whatever the size of your products, quantities or degree of pollution, **Mafo** can offer you the optimal solution.

In this catalogue you will find an overview of our products.



Mafo 155M

Technical data		Mafo 155M	
Capacity	± 120 crates/h	Water connection	½" BSP
Machine length	2500 mm	Drain connection	2" BSP
Machine width	1000 mm	Pump performance	4kW
Machine height	1500 mm	Pump capacity	30.000 l/h at 2.9 bar
Max. transit width	600 mm	Nozzles main wash	32 pcs, Stainless steel
Max. transit height	350 mm	Nozzles final rinse	10 pcs. Ms
Entry table height	925 mm	Electric heating	10kW
Tank volume	200 l	Supply	400V-3~, N, PE, 50 Hz
Possible configurations:			
Heating	Electric heating	Hold-down system	Swinging hold-down
Motor drive conveyor	1-speed motor drive	Side guides	Raster system
Conveyor	Stainless steel chain	Filtration	Filter tray
Other options:			
- Detergent dosing pump	- Looping track	- 1 meter glide table	- Machine on wheels



Mafo 230M

Technical data	Mafo 230M		
Capacity	150 - 400 crates/h	Supply	400V-3~, N, PE, 50 Hz
Max transit width	800 mm	Water connection	¾" BSP
Max transit height	400 mm	Drain connection	2" BSP
Infeed height	925 mm	Steam connection	1" BSP
Machine width	1050 mm	Nozzles final rinse	16 pcs, Ms
Water consumption	Product related		
Tank volume	250 l	400 l	400 l
Pump performance	5.5 kW	7.5 kW	11 kW
Pump capacity	45 000 l/h at 2.9 Bar	60 000 l/h at 2.9 Bar	72 000 l/h at 4.2 Bar
Nozzles main wash	50 pcs, Stainless steel	70 pcs, Stainless steel	65 pcs, Stainless steel
Possible configurations:			
Heating	Live steam injection, steam coil, hot water coil, electric heating	Hold-down system	Swinging hold-down, hold-down gas spring assisted
Filtration	Filter tray, belt filter, rotating drum filter	Side guides	Raster system, swinging and from outside adjustable
Motor drive conveyor	1-speed motor drive, variable speed motor drive by frequency inverter	Vapour extraction	Axial fan, centrifugal fan with piping, condensor
Conveyor	Stainless steel chain, Stainless steel mess belt, conveyor belt		
Other options:	- Tunnel- en tank insulation	- Driven tables	- Looping track
	- Product counter	- Glide tables	- Specially designed transit width
	- Dosing equipment	- Roller tracks	



Mafo 340M

Technical data	Mafo 340M		
Capacity	150 - 600 crates/h	Supply	400V-3~, N, PE, 50 Hz
Max transit width	800 mm	Water connection	¾" BSP
Max transit height	400 mm	Drain connection	2" BSP
Infeed height	925 mm	Steam connection	1" BSP
Machine width	1050 mm	Nozzles final rinse	16 pcs, Ms
Water consumption	Product related		
Tank volume	400 l		
Pump performance	7.5 kW	11 kW	
Pump capacity	60 000 l/h at 2.9 Bar	72 000 l/h at 4.2 Bar	
Nozzles main wash	70 pcs, Stainless steel	65 pcs, Stainless steel	
Possible configurations:			
Heating	Live steam injection, steam coil, hot water coil, electric heating	Hold-down system	Swinging hold-down, hold-down gas spring assisted
Filtration	Filter tray, belt filter, rotating drum filter	Side guides	Raster system, swinging and from outside adjustable
Motor drive conveyor	1-speed motor drive, variable speed motor drive by frequency inverter	Vapour extraction	Axial fan, centrifugal fan with piping, condensor
Conveyor	Stainless steel chain, Stainless steel mess belt, conveyor belt		
Other options:	- Tunnel- en tank insulation	- Driven tables	- Looping track
	- Product counter	- Glide tables	- Specially designed transit width
	- Dosing equipment	- Roller tracks	



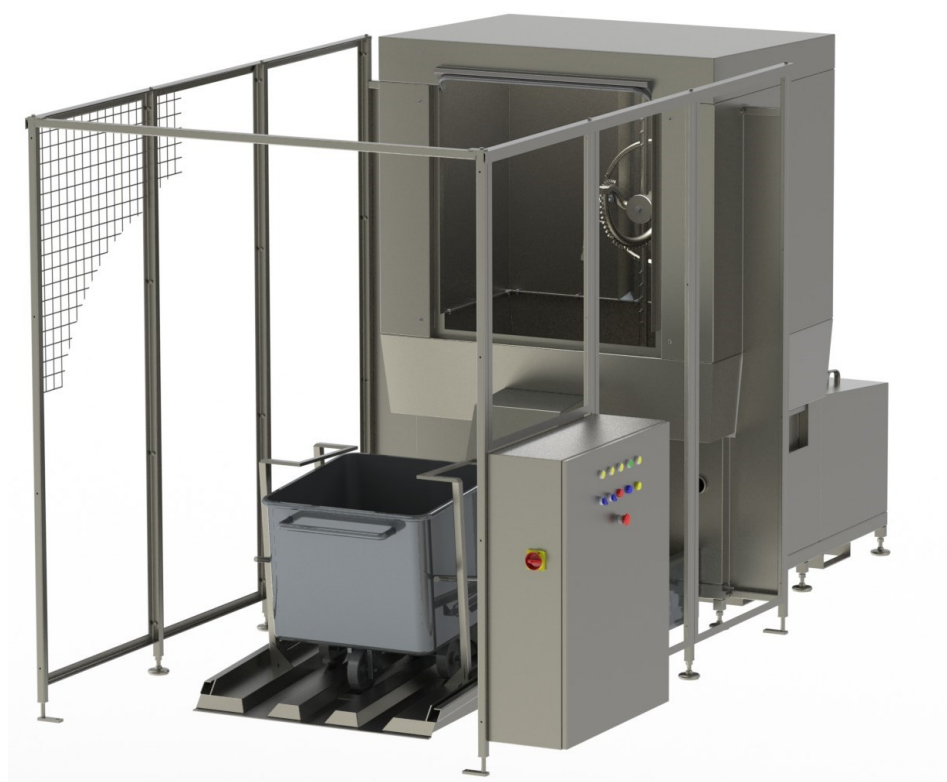
Mafo Blow Off Unit

Technical data	Mafo 190MA	Mafo 370MA	Mafo 470MA
Capacity	150 - 300 crates/h	300 - 600 crates/h	600 - 1200 crates/h
Max transit width	800 mm	800 mm	800 mm
Max transit height	400 mm	400 mm	400 mm
Infeed height	925 mm	925 mm	925 mm
Machine length ±	1900 mm	3710 mm	4710 mm
Machine width	1400 mm	1400 mm	1400 mm
Machine height	1600 mm	1600 mm	1600 mm
Fan power	1 x 4 kW	1 x 7.5 kW	2 x 7.5 kW
Supply	400V-3~, N, PE, 50 Hz	400V-3~, N, PE, 50 Hz	400V-3~, N, PE, 50 Hz



Mafo Drying Module

Technical data	Mafo 280MD	Mafo 380MD
Capacity	150 - 300 crates/h	300 - 600 crates/h
Max transit width	800 mm	800 mm
Max transit height	400 mm	400 mm
Infeed height	925 mm	925 mm
Machine length ±	2790 mm	3790 mm
Machine width	1400 mm	1400 mm
Machine height	1600 mm	1600 mm
Fan power (electric or hot water heating)	1 x 2.2 kW	2 x 2.2 kW
Power heat exchanger - electric or hot water heating	1 x 24 kW	2 x 24 kW
Fan power (steam heating)	1 x 3 kW	2 x 3 kW
Power heat exchanger - steam heating	1 x ±80 kW	2 x ±80 kW
Supply	400V-3~, N, PE, 50 Hz	400V-3~, N, PE, 50 Hz



Mafo 110CK

Technical details			
Dimensions Cabinet in cm (l x w x h)	210 x 140 x 220	Pump performance	7.5 kW
Required Floor space in cm (l x w)	410 x 214	Pump capacity	60 000 l/h at 2.9 Bar
Tank volume	350 ltr.	Water connection	3/4" BSP Hose tail
Water consumption	app. 10 ltr/cycle	Drain connection	2" BSP
Nozzles	70 pcs.	Steam connection	1" BSP
Steam heating	1-16 Bar	Steam consumption	app. 60 kg/h
Electric heating	3 x 10 kW	Supply	400V-50Hz- 3~, N, PE
Capacity	±25 carts/hour		
Options			
Heating	Direct steam injection, steam coil, hot water coil, electric heating.		
Filtering	Filter tray		
Vapour extraction	Axial fan		
Full automatic cycle	Safety gate with photocells		



Washing machine 340MHH
For 200L barrels



Cabin washing machine Mafo 250K
For smoke racks .

Mafo Custom Built



Washing machine 450MBH
For pallet boxes.



**Washing machine Mafo 450MBH with
Mafo 470MBHA Blow-Off** For pallet boxes.



washing machine Mafo 340MPV
For live bird crates.



Washing machine Mafo 340MLPH
with separate tank unit for extra low infeed

Mafo Custom Built



Complete automated crate handling systems



Automatic Stackers

The clean effect of industrial washing





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