



Santoemma

Professional Cleaning Machines



Since 1980



FOOD Processing areas cleaning program



Santoemma FOOD program

Santoemma FOOD program includes a range of machines designed for cleaning different types of surfaces in food processing areas such as: supermarkets, food factories, industrial kitchens.

All the models of the range allow to spray on the surfaces a cleaning and sanitizing dense foam and to rinse the same surfaces afterwards. Dense foam allows to optimize the chemical cleaning and sanitizing action.

Rinsing is performed at an optimal pressure, allowing to quickly remove the foam and dirt residuals. Rinsing at a controlled pressure avoids that any particle is jumping on other surfaces and prevents the creation of a haze of water vapors, which would keep in suspension the micro-organisms for several minutes. These micro-organisms would fall again on the surfaces after rinsing, affecting the efficacy of the bactericide action.

Some models of the range allow to vacuum the residual liquid as well, leaving the environments completely dry after cleaning operations.



1 Foaming



2 Chemical action



3 Rinsing



4 Vacuuming

Santoemma FOOD program

IdroFoamRinse FOOD is an innovative machine, electrically powered, allowing to spray foam and rinse continuously. The water used for foaming and rinsing is directly taken from the water network, therefore the machine has an unlimited autonomy. Pure chemical is contained in its separate tank and it is automatically used by the machine in a controlled quantity.



IdroFoamRinse FOOD 600



IdroFoamRinse FOOD 400

IdroFoamRinse FOOD is indicated to clean all the areas where the presence of a drain in the floor makes vacuuming not necessary.



FRV FOOD 15



FRV FOOD 30



FRV FOOD 70

FRV FOOD range includes three machines able to spray foam, rinse and vacuum the residual liquid from floor. The three models, with different vacuum capacities and autonomies, have been specifically designed to better adapt to places of different sizes.



SUPER-FOAM



ACID-FOAM

The machines of Santoemma FOOD program can be used, according to the cases, with degreasing or acid chemicals.

Laboratory tests certify that the application of Santoemma chemicals on a surface for 3 minutes allows to kill 99,9% of bacteria, confirming the effectiveness of their sanitizing action.

Comparative technical data and performance

	FRV FOOD 15	FRV FOOD 30	FRV FOOD 70	IdroFoamRinse FOOD 200	IdroFoamRinse FOOD 400	IdroFoamRinse FOOD 600
Recovery tank capacity:	14 litres	30 litres	70 litres	-	-	-
Clean water tank capacity:	14 litres	30 litres	70 litres	-	-	-
Approximate performance:	25 m² surface in 10 minutes	50 m² surface in 15 minutes	120 m² surface in 25 minutes	25 m² surface in 10 minutes	120 m² surface in 20 minutes	120 m² surface in 15 minutes
Water consumption:	14 litres	30 litres	70 litres	14 litres	70 litres	70 litres
Chemical consumption:	250 grams	500 grams	1200 grams	250 grams	1200 grams	1200 grams
Defoamer consumption:	max 30 grams	max 30 grams	max 70 grams	-	-	-
Chemical dilution:	Pre-set around 4%	Pre-set around 4%	Pre-set around 4%	Pre-set around 4%	Pre-set around 4%	Pre-set around 4%
Continuous filling system:	YES	YES	YES	YES	YES	YES
Vacuum motor: Power: Max waterlift: Max air-flow:	2 stages 1000 W 2200 mm H ₂ O 50 l/sec.	2 stages 1000 W 2200 mm H ₂ O 50 l/sec.	2x 2 stages 1000 W 2200 mm H ₂ O 100 l/sec..	-	-	-
Pump with bypass: Power: Pressure: Water-flow:	Membrane, int. by-pass 80 W 9 bar 4 l/min	Piston type, adj. pressure 180 W 28 bar 2,5 l/min	Piston type, adj. pressure 180 W 28 bar 2,5 l/min	Membrane, int. by-pass 80 W 9 bar 4 l/min	Piston type, adj. pressure 180 W 28 bar 2,5 l/min	Piston type, adj. pressure 370 W 30 bar 5,7 l/min
Compressor:	350 W	350W	350W	350W	350W	350W
Cable length:	10 m	10 m	10 m	10 m	10 m	10 m
Weight (machine body):	40 Kg	74 Kg	95 Kg	42 Kg	55 Kg	62 Kg
Weight (packaged machine):	66 Kg	100 Kg	120 Kg	62 Kg	70 Kg	77 Kg
Dimensions:	cm 38 x 70 x 86 (h)	cm 38 x 80 x 105 (h)	cm 50 x 89 x 115 (h)	cm 42 x 68 x 87 (h)	cm 60 x 87 x 98 (h)	cm 60 x 87 x 98 (h)
Package dimensions:	cm 48 x 74 x 104 (h)	cm 60 x 95 x 122 (h)	cm 65 x 102 x 130 (h)	cm 47 x 82 x 83 (h)	cm 65 x 102 x 86 (h)	cm 65 x 102 x 86 (h)
Spray/Vacuum hose length:	5/5 m	10/7,5 m	10/7,5 m	10 m	10 m	10 m
Tank construction:	High density polyethylene			-		

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