



SOLIDWAVE BATCH

Microwave defrosting of meat, fish and vegetables.

With **SOLIDWAVE** RF Systems introduces a new state of the art technology.

The solid state generator allows a precise control of the frequency (915Mz) resulting in a more uniform thawing.

The drawbacks of magnetron generators are eliminated with a more reliable and consistent lower voltage electronic.

The new **SOLIDWAVE BATCH** is designed to maximize the productivity with a compact batch design.

It is targeted for central kitchens, catering and food service companies to help them with very fast and uniform thawing.

The system is made in food grade stainless steel and it has a sideways-opening door.

With a power of 20kW, it can process 0.5 tons per hour treating at the same time up to 4 trays of 60 X 40 X25 cm each of 25kg.

It offers customization for over 100 defrosting recipes and features a user-friendly touchscreen and keyboard panel.



Production throughput (kg/h)*

90% vl beef trimming blocks 60x40x25 cm, 25 kg at -18°C.

Model	10 kW	20 kW
To -2°/-4° C	250 kg	500 kg

* Production capacities may vary depending on the product type and weight and the final temperature required.



Defrosting of IQF fruit



Defrosting of meat

TECHNICAL DETAILS

SOLIDWAVE BATCH	10 kW	20 kW
MW Output	10 kW	20 kW
Productivity	250 kg/h	500 kg/h
AC Supply	380V, 50/60Hz	380V, 50/60Hz
Power	15KW	30KW
Size	L 115 x W 130 x H 180 cm	L 180 x W 130 x H 180 cm
Weight	560 kg	760 kg
UI	Touch screen	Touch screen
MW Signal	Freq. 915+ /-15 MHz, Solid State	Freq. 915+ /-15 MHz, Solid State
Chamber dimensions	L 80 x W 100 X H 77 cm (2 blocks 60 x 40 x 25 cm)	L 145 x W 100 X H 77 cm (4 blocks 60 x 40 x 25 cm)

SOLIDWAVE vs MAGNETRON

Performance comparison

	SOLIDWAVE	MAGNETRON
Lifespan generator	High (100.000h)	Low (5000h)
Power degradation	No degradation	After 500 h
Frequency	Adjustable	Fixed
Frequency stability	High	Low
Closed loop control	Full	None
Heat Uniformity	High	Low
Dimensions	Small	Big
Voltage	48V	18000V



Chicken defrosting



Butter defrosting



Meat defrosting

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