

915 MHz MICROWAVE TUNNELS CONTINUOUS PROCESS

DESCRIPTION

Microwave and radio frequency equipment developed by SAIREM allows deep frozen foods to be tempered or defrosted quickly such as meat, poultry, fish, fruits, vegetables, cheese, butter...



▶▶ *Microwave tunnel TMW 75*



*Grinding at -4 °C/-2 °C
after microwave
tempering*



*Grinding at -20 °C
without microwave
treatment*

APPLICATIONS

- ▶ Tempering of frozen blocks from -20° C to -4° C / -2 °C. After microwave tempering the products can be diced, ground, cut or sliced instantaneously.

ADVANTAGES

- ▶ **Sanitary:** no bacteriological growth, complies with all hygiene regulations and standards, keeps taste and texture qualities
- ▶ **Fast:** time of treatment very short, high production flexibility
- ▶ **Reliable:** consistent temperature
- ▶ **Economical:** product gain from 5 to 10 %, working on a just-in-time basis, minimum floor space, fast return of investment.



CONTINUOUS PROCESS TUNNELS



▶ Microwave tunnel TMW 75

MICROWAVE TUNNEL TMW 75

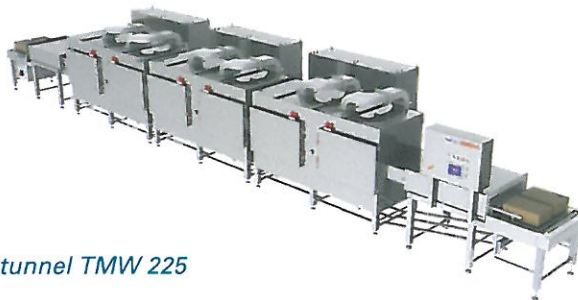
Frequency	915 MHz 896 MHz (Great-Britain) 922 MHz (Australia / New Zealand)
Microwave power	1 x 75 kW
Mains	100 KVA
Voltage	400 V, 3 phases, 50/60 Hz
Cooling	By water
Capacity	5 t to 6 t/h from -20°C to -8 °C/-6 °C 3 t to 4 t/h from -20°C to -6 °C/-4 °C 2 t to 3 t/h from -20°C to -4 °C/-2 °C
Size	L: 9 m / W: 3 m / H: 1.8 m



▶ Microwave tunnel TMW 150

MICROWAVE TUNNEL TMW 150

Frequency	915 MHz 896 MHz (Great-Britain) 922 MHz (Australia / New Zealand)
Microwave power	2 x 75 kW
Mains	200 KVA
Voltage	400 V, 3 phases, 50/60 Hz
Cooling	By water
Capacity	10 t to 12 t/h from -20 °C to -8 °C/-6 °C 6 t to 8 t/h from -20 °C to -6 °C/-4 °C 4 t to 6 t/h from -20 °C to -4 °C/-2 °C
Size	L: 12 m / W: 3 m / H: 1.8 m



▶ Microwave tunnel TMW 225

MICROWAVE TUNNEL TMW 225

Frequency	915 MHz 896 MHz (Great-Britain) 922 MHz (Australia / New Zealand)
Microwave power	3 x 75 kW
Mains	300 KVA
Voltage	400 V, 3 phases, 50/60 Hz
Cooling	By water
Capacity	15 t to 18 t/h from -20 °C to -8 °C/-6 °C 9 t to 12 t/h from -20 °C to -6 °C/-4 °C 6 t to 9 t/h from -20 °C to -4 °C/-2 °C
Size	L: 15 m / W: 3 m / H: 1.8 m

MICROWAVE TUNNEL TMW 300

Frequency	915 MHz 896 MHz (Great-Britain) 922 MHz (Australia / New Zealand)
Microwave power	4 x 75 kW
Mains	400 KVA
Voltage	400 V, 3 phases, 50/60 Hz
Cooling	By water
Capacity	20 t to 24 t/h from -20 °C to -8 °C/-6 °C 12 t to 16 t/h from -20 °C to -6 °C/-4 °C 8 t to 12 t/h from -20 °C to -4 °C/-2 °C
Size	L: 18 m / W: 3 m / H: 1.8 m

ATTENTION

Capacity depends upon required final temperature, shape of the blocks and also upon level of lean or fat.

CONTACT US

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