



FLAKE ICE SOLUTIONS

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SINGHSONS REFRIGERATION
Cooling Economized!

www.singhsnsref.com

INTRODUCING FLAKOMAX

Flakomax is Singhsons Refrigeration's own industrial flake ice machine manufactured through in-house design with the latest technology, machines, and equipment, meant to operate round the clock. We offer stainless ice producing surface for food and hygiene applications and carbon steel ice producing surface for all other applications.

For food processing industries, Flakomax is specially designed under EU standards to produce hygienic ice.

As a low maintenance, dependable ice flake machine, Flakomax is constructed from high-quality, heavy-duty parts and is simple to install and operate. Needless to say, this makes it top-of-the-line for a wide range of industries.



CUSTOM-MADE ICE HANDLING SOLUTIONS

MECHANICAL ICE CONVEYING SOLUTIONS

- o Ice Storage Room with Ice Levelling Rake
- o Screw Conveyors

PNEUMATIC ICE CONVEYING SOLUTIONS

- o Pneumatic Valves
- o Diverter Valves
- o Piping Ducts with Chilled Air

WHY CHOOSE FLAKE ICE

LARGEST SURFACE AREA BY WEIGHT RATIO

Compared to other ice forms, flake ice has the largest surface area by weight ratio per unit of ice that gives the highest cooling efficiency than any other ice form.



RAPID COOLING

The thickness of the flake ice ranges from 1mm to 2mm. Given its lightweight form, it melts easily and helps in cooling products effectively.



EASY MIXING

Thanks to its low thickness and soft edges, flake ice melts rapidly without damaging the blending equipment. Moreover, with flake ice, it is convenient to control product batch timings.



EASY STORAGE AND CONVEYANCE

Since flake ice is sub-cooled and dry, i.e. with no free water, it is convenient to store. Also, since it fills up voids easily, it safeguards perishable items from being damaged.



OFFERS -10°C TEMPERATURE

High-quality flake ice is formed and subcooled down to -10°C depending upon the design and application.



FEATURES OF FLAKOMAX



DEPENDABLE AND EFFICIENT

It is stress-relieved for longevity, and the high R-value polyurethane insulation, reinforced with fibreglass exteriors, helps in increasing energy efficiency, offering reliability while reducing temperature losses.



LOW REFRIGERANT CHARGE

Uses nearly 60% less ammonia charge thanks to our innovative design.



CONSISTENT ICE PRODUCING CAPACITY

Produces uniform ice thickness and manages continuous ice production due to the accurate boring done on VTL machines for high precision.



HIGH-QUALITY, YET ECONOMICAL

It is cost-effective and is designed according to EU standards to meet stringent safety requirements in diverse industries. Its specially designed drip shield ensures complete separation of water and ice, ensuring minimal water wastage.



EASY AND CONVENIENT

It requires low maintenance and is convenient to operate as it does not need constant adjustments during constant ice production.