



BM25

CRYSTALLINE ICE BLOCK MAKER

FRIOSTAR has been specialized for over 40 years in the design and installation of plant and machinery for the production, storage and packaging of ice, in any forms.

The consolidated experience in the international arena, reliability and a high degree of technical design, using the most cutting-edge tools and materials.



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Water frozen in a crystalline lattice ordered to generate perfectly transparent monolithic ice

MACHINE FRAME

The structure is entirely made of stainless steel with height adjustable feet.

It is internally coated with white prepainted panels, suitably insulated to ensure the absence of condensation and reduce heat loss.

This solution ensures fast ice production even in contexts with high temperatures or in case of installations in poorly ventilated places.



EVAPORATOR

The evaporator is designed to maximize the cooling yield and evenly distribute the cold in the production tank.

This results in uniform ice growth, which minimizes the risk of breakage during formation and extraction.



CLEAR ICE

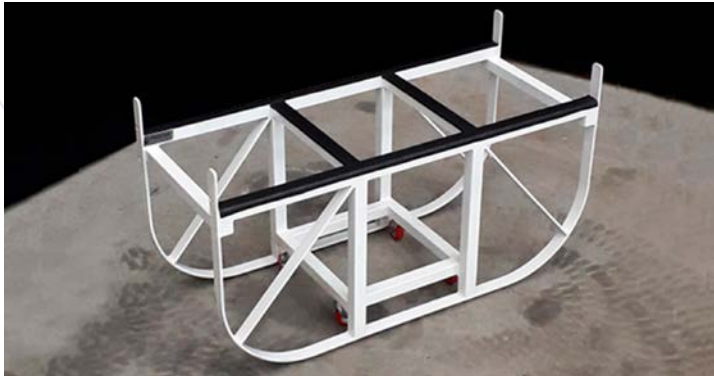
The special water handling system with variable-direction pumps eliminates the presence of bubbles and creates a perfectly transparent ice block.

A special additive ensures the clarity of the block even when created using untreated water.



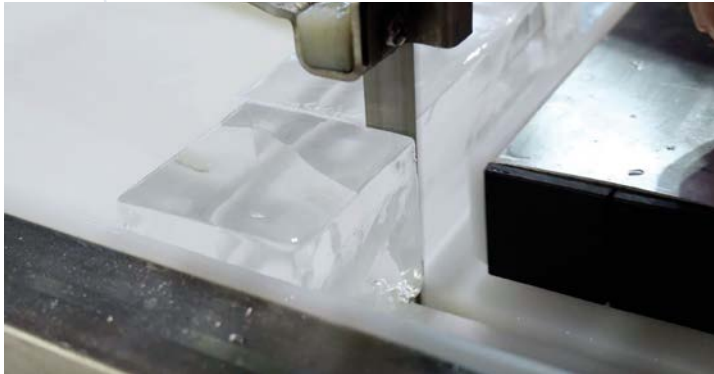
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The ideal solution for sculptures or for displaying any type of object in a spectacular way



ACCESSORIES

The ice blocks are frozen inside the mold. With a lifting system, they can then be moved and placed on a tilting cart for easy handling or directly transferred to the cutting line.



BLOCK CUTTING

Thanks to the innovative system of sliding set square on the food-grade polyethylene surface, squared ice cubes of any size can be carved from the block of crystal-clear ice. The CNC (Computer Numerical Control) automatic machine can also carve the ice to create customizations such as inscriptions or logos.



ICE BALL MOLD

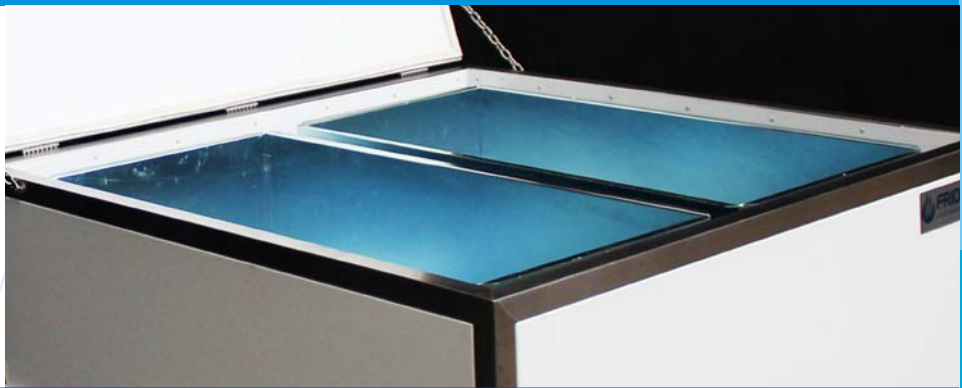
By placing a 7x7x7 cm ice cube inside a heated anodized aluminum mold, a perfectly crystal-clear ice sphere with a diameter of 6 cm can be obtained. It's ideal for a cocktail in a glass!



Optional: different sizes and multiple molds.

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BM25 has a production capacity of two ice blocks every 48 hours.



TECHNICAL DATA

Dimensions	130 x 135 x 112 h cm
Weight	290 kg
Tank capacity	2 x 150 liters
Tank material	galvanized steel
Frame	AISI 304 stainless steel
Insulation	40 mm
Ice block dimensions	100 x 50 x 25 h cm *
Refrigerant	R448a
Electric power	230 V / 1 / 50 Hz
Recirculation pump power	32 W
Compressor power	1,1 kW
Packaging dimensions	140 x 140 x 130 h cm

* dimensions can be modified upon request