

Made in





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ROSEN LTD. is a firm which has started transferring its long years experience to production of industrial ice making machines. It has acquired an important position in the sector with its brave disposition on producing block ice making machines with trade name Tamutom® first time in Turkey which has never been produced before.

90% of our products are being exported. At present, the machines operate in warmest regions of the world and they give opinion about their performance.

Tamutom ice machines using at more than 30 countries. As we considering the difficulty of providing service to such far countries, we are careful about using good quality materials in our products. As we give first priority to customer satisfaction than making money, we had customers and also friends in the countries in above referenced countries.

It is always possible to see innovation with us. Importance we have given to R&D and material and immaterial energy we have devoted show themselves as meeting innovation and technology in old machines and sometimes new machines arises come up. Block ice making machines with direct cooling are an example to this.

ROSEN LTD. has useful model patent was taken in 2009 and it has become demanded in the world quickly. Also established ISO 9001:2008 quality management certificate and CE declaration of conformity certificates.

Quality Certificates



Classical Type Block Ice Machines (Brine Type)

www.tamutom.com

ISO 9001:2008



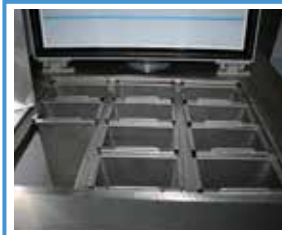
BIM 12 mini



Technical Specifications

◆ Daily Ice Capacity	150 kg
◆ Ice block amount per shift	12 blocks
◆ Each block weight	2,5 kg
◆ Production time per shift	4-5 hours
◆ Daily block production	48 - 60 pcs
◆ Power consumption	220V, 1 Phase
◆ Ice Temperature	-12°C
◆ Refrigeration	Freon R404A
◆ Weight of machine	85kg
◆ Dimention of machine	80cm x 80cm x 100cm
◆ Compressor capacity	0,75 hp

BIM 12



Technical Specifications

◆ Daily Ice Capacity	250 kg
◆ Ice block amount per shift	12 blocks
◆ Each block weight	5 kg
◆ Production time per shift	4-5 hours
◆ Daily block production	48 - 60 pcs
◆ Power consumption	220V, 1phase or 380V, 3phase
◆ Ice Temperature	-12°C
◆ Refrigeration	Freon R404A
◆ Weight of machine	110 kg
◆ Dimention of machine	90cm x 90cm x 140cm
◆ Compressor capacity	1,5 hp

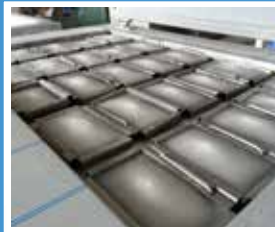
BIM 20



Technical Specifications

◆ Daily Ice Capacity	500 kg
◆ Ice block amount per shift	20 blocks
◆ Each block weight	5 kg
◆ Production time per shift	4-5 hours
◆ Daily block production	80 - 100 pcs
◆ Power consumption	380V, 3 Phase
◆ Ice Temperature	-12°C
◆ Refrigeration	Freon R404A
◆ Weight of machine	225 kg
◆ Dimention of machine	90cm x 140cm x 140cm
◆ Compressor capacity	3 hp

BIM 25



Technical Specifications

◆ Daily Ice Capacity	625 kg
◆ Ice block amount per shift	25 blocks
◆ Each block weight	5 kg
◆ Production time per shift	4-5 hours
◆ Daily block production	100 - 125 pcs
◆ Power consumption	380V, 3phase
◆ Ice Temperature	-12°C
◆ Refrigeration	Freon R404A
◆ Weight of machine	285 kg
◆ Dimention of machine	90cm x 140cm x 150cm
◆ Compressor capacity	4 hp

BIM 50



Technical Specifications

◆ Daily Ice Capacity	1000 kg
◆ Ice block amount per shift	50 blocks
◆ Each block weight	5 kg
◆ Production time per shift	5 hours
◆ Daily block production	200 pcs
◆ Power consumption	380V, 3 Phase
◆ Ice Temperature	-12°C
◆ Refrigeration	Freon R404A
◆ Weight of machine	650 kg
◆ Dimention of machine	300cm x 115cm x 115cm
◆ Compressor capacity	7 hp

BIM 3 Ton



Technical Specifications

◆ Daily Ice Capacity	3000 kg
◆ Ice block amount per shift	84 blocks
◆ Each block weight	12 kg
◆ Production time per shift	7 hours
◆ Daily block production	252 pcs
◆ Power consumption	380V, 3phase
◆ Ice Temperature	-12°C
◆ Refrigeration	Freon R404A
◆ Weight of machine	1250 kg
◆ Dimention of machine	400cm x 150cm x 140cm
◆ Compressor capacity	15 hp

Classical Type Block Ice Machines (Brine Type)

www.tamutom.com

ISO 9001:2008



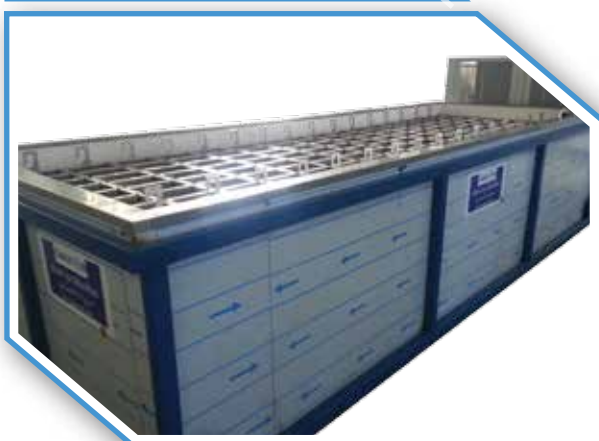
BIM 4 Ton



Technical Specifications

◆ Daily Ice Capacity	4000 kg
◆ Ice block amount per shift	112 pcs
◆ Each block weight	12 kg (10x20x71 cm)
◆ Production time per shift	7 hours
◆ Daily block production	336 pcs
◆ Power consumption	380V, 3phase
◆ Ice Temperature	-12°C
◆ Refrigeration	Freon R404A
◆ Weight of machine	2000 kg
◆ Dimention of machine	450cm x 150cm x 110cm
◆ Compressor capacity	20 hp

BIM 5 Ton



Technical Specifications

◆ Daily Ice Capacity	5000 kg
◆ Ice block amount per shift	112 pcs
◆ Each block weight	15 kg (12x21x71 cm)
◆ Production time per shift	7 hours
◆ Daily block production	336 pcs
◆ Power consumption	380V, 3phase
◆ Ice Temperature	-12°C
◆ Refrigeration	Freon R404A
◆ Weight of machine	2200 kg
◆ Dimention of machine	570cm x 170cm x 110cm
◆ Compressor capacity	25 hp

BIM 10 Ton



Technical Specifications

◆ Daily Ice Capacity	10 Ton
◆ Ice block amount per shift	225 pcs
◆ Each block weight	15 kg (12x21x71 cm)
◆ Production time per shift	7 hours
◆ Daily block production	675 pcs
◆ Power consumption	380V, 3phase
◆ Ice Temperature	-12°C
◆ Refrigeration	Freon R404A
◆ Weight of machine	5200 kg
◆ Dimention of machine	900cm x 170cm x 110cm
◆ Compressor capacity	2 pcs x 25 hp

CONTAINERIZED BLOCK ICE MACHINES

General Specifications

- Isolation covered
- Mobile type easy transport
- All equipments setup inside container
- Electric system, plumbing, lighting standard
- Optional cold storage available

20" Containerized BIM 3-4-5 Ton



40" Containerized with Cold Storage BIM 4 & 5 Ton



40" Containerized BIM 10 Ton



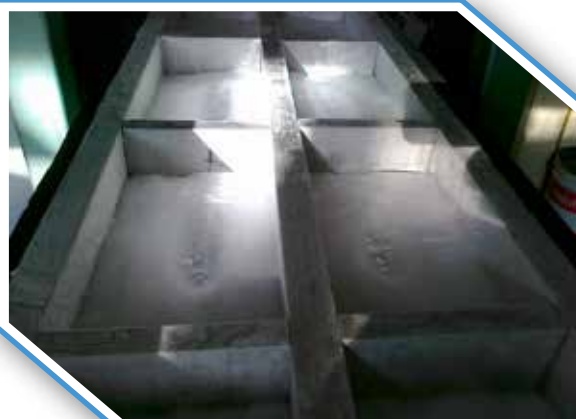
Direct Cooling Type Automatic Block Ice Machines

www.tamutom.com

ISO 9001:2008



AB 10



Product Details

- 10 moulds
- Each block 6,4 kg
- 4 hours ice production
- 320 kg daily ice capacity
- No chemical, no brine, easy and best quality

Technical Details

◆ Machine Size	150 x 120 x 110 cm
◆ Mould size	20 x 10 x 40 cm
◆ Ice Block weight	6,4kg
◆ Ice block every shift	10 blocks
◆ Compressor	4hp
◆ Voltage	380V, 3 phase
◆ Refrigeration	R404A

AB 25



Product Details

- 25 moulds
- Each block 6,4 kg
- 4 hours ice production
- 800 kg daily ice capacity
- No chemical, no brine, easy and best quality

Technical Details

◆ Machine Size	175 x 125 x 130 cm
◆ Mould size	20 x 10 x 40 cm
◆ Ice Block weight	6,4kg
◆ Ice block every shift	25 blocks
◆ Compressor	7 hp
◆ Voltage	380V, 3 phase
◆ Refrigeration	R404A

AB 50



Product Details

- 50 moulds
- Each block 6,4 kg
- 4 hours ice production
- 1600 kg daily ice capacity
- No chemical, no brine, easy and best quality

Technical Details

◆ Machine Size	290 x 190 x 130 cm
◆ Mould size	20 x 10 x 40 cm
◆ Ice Block weight	6,4kg or bigger weight
◆ Ice block every shift	50 blocks
◆ Compressor	15 hp
◆ Voltage	380V, 3 phase
◆ Refrigeration	R404A

AB 80



Product Details

- 80 moulds
- Each block 6,4 kg
- 4 hours ice production
- 2560 kg daily ice capacity
- No chemical, no brine, easy and best quality

Technical Details

◆ Machine Size	350 x 190 x 150 cm
◆ Mould size	20 x 10 x 40 cm
◆ Ice Block weight	6,4kg or bigger weight
◆ Ice block every shift	80 blocks
◆ Compressor	25 hp
◆ Voltage	380V, 3 phase
◆ Refrigeration	R404A

AB 702



Product Details

- 70 blocks
- Blocks weight; 13kg
- Ice production time; 4
- 4550kg daily production capacity
- Direct cooling type, no chemical, no brine water.
- Automatic water filling system

Technical Details

◆ Machine Size	420 x 230 x 230 cm
◆ Mould size	10 x 20 x 80 cm
◆ Ice Block weight	13kg
◆ Ice block every shift	70 blocks
◆ Compressor	40 hp
◆ Voltage	380V, 3 phase
◆ Refrigeration	R404A

Containerized AB 50-80-100



What is the icy water ?

That is a cooler system that can make the water temperature down to 0°C , the contents are partially dry ice cooling system that hosts the latest technology. Classic water cooling systems (such as Chiller) can reduce the water temperature only 10°C. But the Icy water technology can reduce the water temperature up to 0.5°C . Moreover, the very high tonnage amounts of water to the desired level in a short span of one hour is counterproductive. (10 tons / hour, 20 tons / hour, etc.) Concrete Batching is the ideal cooling system . 30m³ to 200m³ capacity concrete plants in the ice-water systems are available in different capacities.

What are the differences from other cooling systems ?

Ice water technology is the place of between chiller system and flake ice systems. Icy-Water Technology has advantages of both these systems. It has the higher performance and capacity than the chiller systems. Also It has low cost and ease of use then flake ice system. All the advantageous become a reason for choice.

Ice water system operation,

And utility models developed by our company has received certificate with aluminum heat sink plate using the technique of sprinkling maximum cooling capacity is utilized. System close to 0°C provides a mixture of cold water and partially dry ice.

Use of and integrated into the system ,

Icy-Water system connect to the water system of Concrete plant and system run automatically. Operation become very easy, no need maintenance, closed circuit system.

Placement and installation,

Its a system which closed-loop set up inside 20" or 40" isolated container. Its protected by all external factors. Its like mobile system that easy carry and move to another place you need.



Model No	Water Capacity Ton / Hours	Incoming Water Temp.	Outlet Water Temp.	Compressor Capacity	Placement
CC 2T	2 ton/s	23°C	1°C	20 hp	20" Containerized
CC 5T	5 ton/s	23°C	1°C	2 x 25 hp	20" Containerized
CC 10T	10 ton/s	23°C	1°C	2 x 50 hp	40" Containerized
CC 20T	20 ton/s	23°C	1°C	4 x 50 hp	40" Containerized

Icy Water Plants, Area of Use

Concrete Cooling



www.betonsogutma.com

Some of References

ENKA
Construction



YENİGÜN
Miyet

İLCİ
GRUP

METAG İnşaat Tic. A.Ş.
METAG Construction Trade Co Inc.

YÜKSEL



OMAR ABU SA'AD
& SONS CO. OASC

yapi
merkezi

Chiller Water Cooler Units

Chiller system is one of the solution for concrete cooling.

Maximum 10°C water outlet temperature.

We suggest if the 10°C water temperature can enough for your concrete batching plant.

Modular type and containerized type are available.



Industrial Water Dispensers

- Float Grid-connected systems.
- The internal chamber 304 stainless chrome
- The hinges of door and locks stainless steel
- Outer surface of the galvanized steel sheet
- ½ inch ball valve faucet.
- 4cm Polyurethane insulation insulation.
- Digital thermostat,
- Suitable for operation in outdoor environments.
- There is one ladder on the back side
- Edges are available in angle frame, its convenient for carrying by crane and forlift
- The top cover is insulated and with lock
- 2 inch bottom drain valve
- Cup holder



Model	Water Storage	Water Temp.	Compressor Capacity
SS 200	200 Lt.	12°C	0,5 hp
SS 350	350 Lt.	12°C	0,75 hp
SS 500	500 Lt.	12°C	1 hp
SS 700	700 Lt.	12°C	1,5 hp

Moduler Cold Water Machine

Water Outlet Temperature : 1°C

Cooling time : 2 hours

Outside & Inside made by stainless steel

Cooling evaporator type ; aluminium plate

Isolation : 4cm polyurethane

Model	Water Storage	Cooling Time	Outlet Water Temperature	Compressor Capacity
SD 200	200 Lt	2 Hours	1°C	1,5 hp
SD 500	500 Lt	2 Hours	1°C	3 hp
SD 1000	1000 Lt	2 Hours	1°C	7 hp
SD 2000	2000 Lt	2 Hours	1°C	10 hp
SD 3000	3000 Lt	2 Hours	1°C	15 hp



Accessories & Spare Parts

Ice block crusing machine



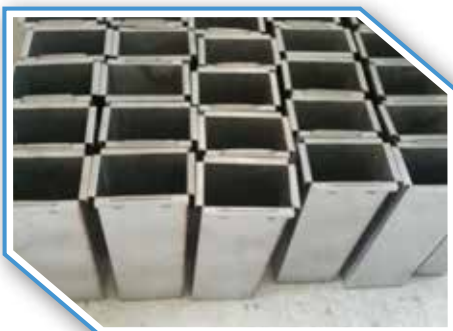
Ice carring helezone



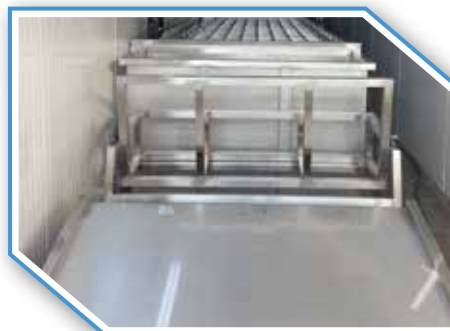
Ice block crane



Chrome ice cans



Harvesting pool, tilting unit, ice bench



Containerized cold storage

www.rosen.com.tr

ISO 9001:2008



20ft containerized cold storage,

Full equipment set up inside container.; Available for keep the meet, chicken, ice block, bevarages, vegetables.

Technical Specifications

Cold room dimention	: 20ft container
Room Temprature	: +5 / -18°C
Refrigeration unit	: 3hp / 4hp
Power supply	: 380-415 V, 3 Phase
Panels thickness	: 8 cm,10 cm,12 cm sandwich panels
Door	: 80 mm panel door



40ft containerized cold storage,

Full equipment set up inside container.; Available for keep the meet, chicken, ice block, bevarages, vegetables.

Technical Specifications

Cold room dimention	: 40ft container
Room Temprature	: +5 / -18°C
Refrigeration unit	: 3hp / 5hp / 7hp
Power supply	: 380-415 V, 3 Phase
Panels thickness	: 8 cm,10 cm,12 cm sandwich panels
Door	: 80 mm panel door



Some of Projects

Afghanistan



Kosova



Egypt



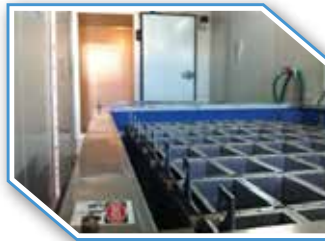
Nigeria



Saudi Arabia



Liberia



Ecuadorial Guinea



Tanzania



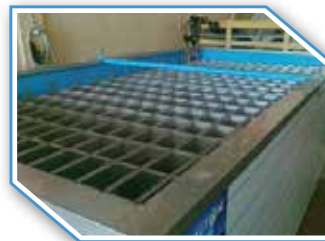
Angola



Romania



Venezuela



Sultanate of Oman



Guinea



Djibouti



Mali



Jordan



Ghana



D.R.C. Congo



Syria



**Benin
Vietnam
Algeria
Iraq
Mozambique**

...



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