

ICE PLANT

ROSEN
I C E P L A N T





Briefly Rosen,

Our story , which started at 2006 in a small office, continues today in a large factory where we produce. We exported the ice machines to 88 countries. Rosen is the pioneer and unique company in Turkey in concrete cooling systems. It has taken a solid place in the global market with the ice machines and ice storage systems developed by its engineers. Today Rosen one of the leading concrete cooling company in the world.

Rosen has supplied ice machines to high importance projects such as dam constructions, highways, bridge constructions, airport constructions and nuclear power plant constructions.

With its young and dynamic team, Rosen continues to grow with firm steps by constantly improving itself.

Mustafa GÖĞCÜ
General Manager

CONTENTS



ICY WATER SYSTEM

24



WATER COOLER SYSTEM

22



ICE STORAGE SYSTEM

16



ICE PLANT

8

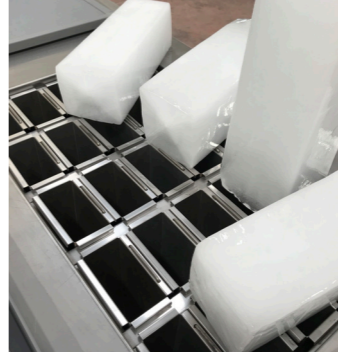
30

REFERENCES



28

BLOCK ICE MACHINES



26

EQUIPMENT



CONTENTS

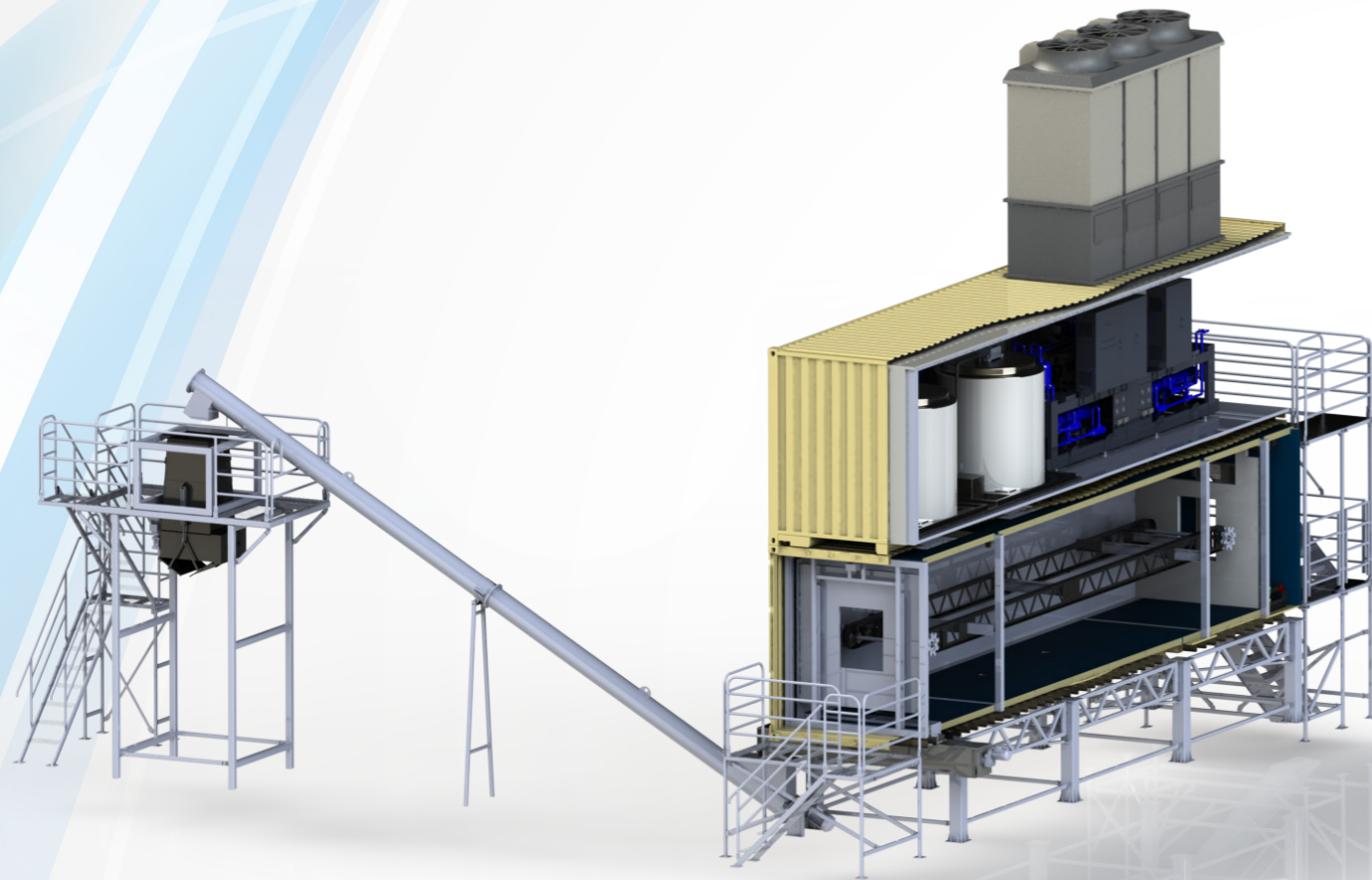
ROSEN
COOLING TECHNOLOGY
MADE IN TURKEY

22G1
TENU 204320 6

22G1
CTMU 220861 9

TENU 204320 E
22G1
MAX WT
TARE WT
PAYLOAD





FIM20T FLAKE ICE PLANT

GENERAL INFORMATION

-DETAILS OF ICE PLANT

Total Ice Making Cap.: 20Ton/24h
Water Type: Fresh Water
Ice Making Cap. (Per Hour): 830kg/h
Cooling Cap.: 117372 Kcal/h
Power Supply: 380-415V, 3Phase, 50-60Hz
Ice Temperature: Minus 5°C
Refrigerant: Freon R404A
Weight of Plant: 9000kg
Size of Plant: Standard 20DC or 40HC Container
Power Consumption: 67,6 kw/h
Compressor Cap.: 100HP
Evaporator: Round Type (Tamutom Design)
Condenser Type: Water Tower

Diameter: 300mm
Controler: Automatic by PLC

Automation Control System

Control System: Each packing line have one control system which make the ice collection system, flake ice machine, ice raking system and auto weighing system can perform auto control together.
Remote Control: Remote Control and monitor system with included.

Ice Weigher Unit

Capacity: 400kg
Material: Painted DKP Steel
Controler: Automatic by PLC of Batching Plant

-DETAILS OF FULL AUTOMATIC ICE RAKE STORAGE UNIT

Type: Full Automatic Rake System
Ice Storage Cap.: 20 Ton approx.
Size of Plant: Standard 40HC Container
Control System: PLC
Temperature of Storage: -5°C

TECHNICAL SPECIFICATIONS

-ICE PRODUCTION

Evaporator: 20 Ton Ice Drum
Material: Outside covered by 304 Stainless steel and inside made by Carbon steel
Size: 2200mm*1700mm*2200mm

EQUIPMENT

Screw Conveyor

Length: 1000cm
Material: Painted DKP Steel



NO:	PRODUCT NAME:	DAILY CAPACITY (x1000KG):	COMPRESSOR (HP):	TE(°C):	REFRIGERATION CAPACITY (Kcal):	WATER INLET:	WATER SUPPLY (T/DAY):	INSTALLED POWER(KW):	POWER CONSUMPTION (KW/H):
1	FIM20T	20	100	-23	132558	1"	20	90,6	67,6
2	FIM40T	40	200	-25	265116	1"	40	174,1	128,1
3	FIM50T	50	250	-25	331395	1"	50	222,6	165,1
4	FIM60T	60	300	-25	397674	1"	60	260,1	191,1
5	FIM80T	80	400	-25	530232	1"	80	348,2	256,2
6	FIM100T	100	500	-25	662790	1"	100	453,4	338,4
7	FIM120T	120	600	-25	795348	1"	120	528,4	390,4

FIM40T FLAKE ICE PLANT

GENERAL INFORMATION

-DETAILS OF ICE PLANT

Total Ice Making Cap.: 40Ton/24h
Water Type: Fresh Water
Ice Making Cap. (Per Hour): 1600kg/h
Cooling Cap.: 234744 Kcal/h
Power Supply: 380-415V, 3Phase, 50-60Hz
Ice Temperature: Minus 5°C
Refrigerant: Freon R404A
Weight of Plant: 12000kg
Size of Plant: Standard 40HC Container
Power Consumption: 128,1 kw/h
Compressor Cap.: 200HP
Evaporator: Round Type (Tamutom Design)
Condenser Type: Water Tower

-DETAILS OF FULL AUTOMATIC ICE RAKE STORAGE UNIT

Type: Full Automatic Rake System
Ice Storage Cap.: 20 Ton approx.
Size of Plant: Standard 40HC Container
Control System: PLC
Temperature of Storage: -5°C

TECHNICAL SPECIFICATIONS

-ICE PRODUCTION

Evaporator: 2*Pcs 20 Ton Ice Drum
Material: Outside covered by 304 Stainless steel and inside made by Carbon steel
Size: 2200mm*1700mm*2200mm

EQUIPMENT

Screw Conveyor

Length: 1000cm
Material: Painted DKP Steel

Diameter: 300mm
Controler: Automatic by PLC

Automation Control System

Control System: Each packing line have one control system which make the ice collection system, flake ice machine, ice raking system and auto weighing system can perform auto control together.
Remote Control: Remote Control and monitor system with included.

Ice Weigher Unit

Capacity: 400kg
Material: Painted DKP Steel
Controler: Automatic by PLC of Batching Plant



FIM50T FLAKE ICE PLANT

GENERAL INFORMATION

-DETAILS OF ICE PLANT

Total Ice Making Cap.: 50Ton/24h
Water Type: Fresh Water
Ice Making Cap. (Per Hour): 2050kg/h
Cooling Cap.: 289256 Kcal/h
Power Supply: 380-415V, 3Phase, 50-60Hz
Ice Temperature: Minus 5°C
Refrigerant: Freon R404A
Weight of Plant: 13500kg
Size of Plant: Standard 40HC Container
Power Consumption: 165,1 kw/h
Compressor Cap.: 250HP
Evaporator: Round Type (Tamutom Design)
Condenser Type: Water Tower

-DETAILS OF FULL AUTOMATIC ICE RAKE STORAGE UNIT

Type: Full Automatic Rake System
Ice Storage Cap.: 60 Ton approx.
Size of Plant: H4000mm x W4000mm x L12000mm
Control System: PLC
Temperature of Storage: -5°C

TECHNICAL SPECIFICATIONS

-ICE PRODUCTION

Evaporator: 2*Pcs 25 Ton Ice Drum
Material: Outside covered by 304 Stainless steel and inside made by Carbon steel
Size: 2300mm*1750mm*2300mm

EQUIPMENT

Screw Conveyor

Length: 1000cm
Material: Painted DKP Steel

Diameter: 300mm
Controler: Automatic by PLC

Automation Control System

Control System: Each packing line have one control system which make the ice collection system, flake ice machine, ice raking system and auto weighing system can perform auto control together.
Remote Control: Remote Control and monitor system with included.

Ice Weigher Unit

Capacity: 400kg
Material: Painted DKP Steel
Controler: Automatic by PLC of Batching Plant



FIM60T FLAKE ICE PLANT

GENERAL INFORMATION

-DETAILS OF ICE PLANT

Total Ice Making Cap.: 60Ton/24h
Water Type: Fresh Water
Ice Making Cap. (Per Hour): 2500kg/h
Cooling Cap.: 352116 Kcal/h
Power Supply: 380-415V, 3Phase, 50-60Hz
Ice Temperature: Minus 5°C
Refrigerant: Freon R404A
Weight of Plant: 14000kg
Size of Plant: Standard 40HC Container
Power Consumption: 191,1 kw/h
Compressor Cap.: 300HP
Evaporator: Round Type (Tamutom Design)
Condenser Type: Water Tower

-DETAILS OF FULL AUTOMATIC ICE RAKE STORAGE UNIT

Type: Full Automatic Rake System
Ice Storage Cap.: 60 Ton approx.
Size of Plant: H4000mm x W4000mm x L12000mm
Control System: PLC
Temperature of Storage: -5°C

TECHNICAL SPECIFICATIONS

-ICE PRODUCTION

Evaporator: 2*Pcs 30 Ton Ice Drum
Material: Outside covered by 304 Stainless steel and inside made by Carbon steel
Size: 3000mm*2300mm*2500mm

EQUIPMENT

Screw Conveyor

Length: 1000cm
Material: Painted DKP Steel

Diameter: 300mm
Controler: Automatic by PLC

Automation Control System

Control System: Each packing line have one control system which make the ice collection system, flake ice machine, ice raking system and auto weighing system can perform auto control together.
Remote Control: Remote Control and monitor system with included.

Ice Weigher Unit

Capacity: 400kg
Material: Painted DKP Steel
Controler: Automatic by PLC of Batching Plant



FIM80T FLAKE ICE PLANT

GENERAL INFORMATION

-DETAILS OF ICE PLANT

Total Ice Making Cap.: 80Ton/24h
Water Type: Fresh Water
Ice Making Cap. (Per Hour): 3200kg/h
Cooling Cap.: 469488 Kcal/h
Power Supply: 380-415V, 3Phase, 50-60Hz
Ice Temperature: Minus 5°C
Refrigerant: Freon R404A
Weight of Plant: 24000kg
Size of Plant: 2*Pcs Standard 40HC Container
Power Consumption: 256,2 kw/h
Compressor Cap.: 400HP
Evaporator: Round Type (Tamutom Design)
Condenser Type: Water Tower

-DETAILS OF FULL AUTOMATIC ICE RAKE STORAGE UNIT

Type: Full Automatic Rake System
Ice Storage Cap.: 60 Ton approx.
Size of Plant: H4000mm x W4000mm x L12000mm
Control System: PLC
Temperature of Storage: -5°C

TECHNICAL SPECIFICATIONS

-ICE PRODUCTION

Evaporator: 4*Pcs 20 Ton Ice Drum
Material: Outside covered by 304 Stainless steel and inside made by Carbon steel
Size: 2200mm*1700mm*2200mm

EQUIPMENT

Screw Conveyor

Length: 1000cm
Material: Painted DKP Steel

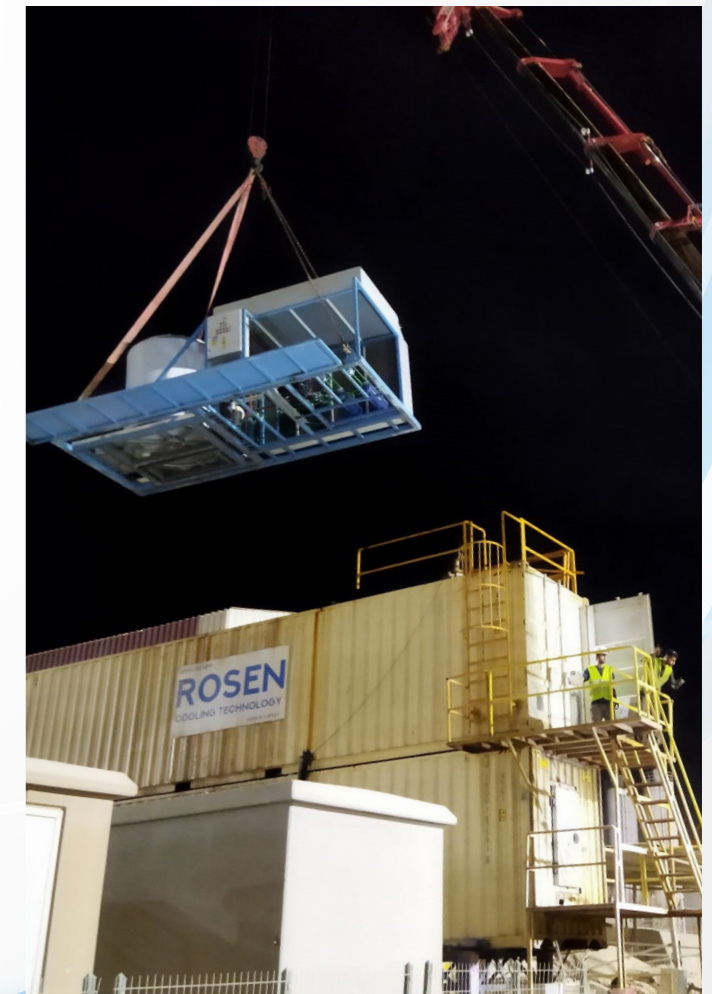
Diameter: 300mm
Controler: Automatic by PLC

Automation Control System

Control System: Each packing line have one control system which make the ice collection system, flake ice machine, ice raking system and auto weighing system can perform auto control together.
Remote Control: Remote Control and monitor system with included.

Ice Weigher Unit

Capacity: 400kg
Material: Painted DKP Steel
Controler: Automatic by PLC of Batching Plant



FIM100T FLAKE ICE PLANT

GENERAL INFORMATION

-DETAILS OF ICE PLANT

Total Ice Making Cap.: 100Ton/24h
Water Type: Fresh Water
Ice Making Cap. (Per Hour): 4100kg/h
Cooling Cap.: 578512 Kcal/h
Power Supply: 380-415V, 3Phase, 50-60Hz
Ice Temperature: Minus 5°C
Refrigerant: Freon R404A
Weight of Plant: 27000kg
Size of Plant: 2*Pcs Standard 40HC Container
Power Consumption: 338,4 kw/h
Compressor Cap.: 500HP
Evaporator: Round Type (Tamutom Design)
Condenser Type: Water Tower

-DETAILS OF FULL AUTOMATIC ICE RAKE STORAGE UNIT

Type: Full Automatic Rake System
Ice Storage Cap.: 80 Ton approx.
Size of Plant: H4000mm x W5000mm x L12000mm
Control System: PLC
Temperature of Storage: -5°C

TECHNICAL SPECIFICATIONS

-ICE PRODUCTION

Evaporator: 4*Pcs 25 Ton Ice Drum
Material: Outside covered by 304 Stainless steel and inside made by Carbon steel
Size: 2300mm*1750mm*2300mm

EQUIPMENT

Screw Conveyor

Length: 1000cm
Material: Painted DKP Steel

Diameter: 300mm
Controler: Automatic by PLC

Automation Control System

Control System: Each packing line have one control system which make the ice collection system, flake ice machine, ice raking system and auto weighing system can perform auto control together.
Remote Control: Remote Control and monitor system with included.

Ice Weigher Unit

Capacity: 400kg
Material: Painted DKP Steel
Controler: Automatic by PLC of Batching Plant



FIM120T FLAKE ICE PLANT

GENERAL INFORMATION

-DETAILS OF ICE PLANT

Total Ice Making Cap.: 120Ton/24h
Water Type: Fresh Water
Ice Making Cap. (Per Hour): 5000kg/h
Cooling Cap.: 704232 Kcal/h
Power Supply: 380-415V, 3Phase, 50-60Hz
Ice Temperature: Minus 5°C
Refrigerant: Freon R404A
Weight of Plant: 28000kg
Size of Plant: 2*Pcs Standard 40HC Container
Power Consumption: 390,4 kw/h
Compressor Cap.: 600HP
Evaporator: Round Type (Tamutom Design)
Condenser Type: Water Tower

-DETAILS OF FULL AUTOMATIC ICE RAKE STORAGE UNIT

Type: Full Automatic Rake System
Ice Storage Cap.: 80 Ton approx.
Size of Plant: H4000mm x W5000mm x L12000mm
Control System: PLC
Temperature of Storage: -5°C

TECHNICAL SPECIFICATIONS

-ICE PRODUCTION

Evaporator: 4*Pcs 30 Ton Ice Drum
Material: Outside covered by 304 Stainless steel and inside made by Carbon steel
Size: 3000mm*2300mm*2500mm

EQUIPMENT

Screw Conveyor

Length: 1000cm
Material: Painted DKP Steel

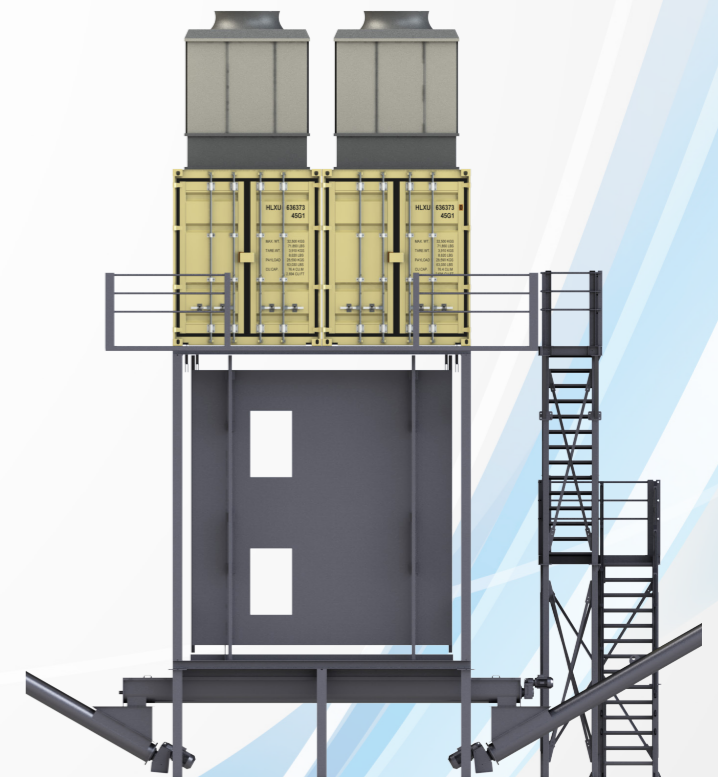
Diameter: 300mm
Controler: Automatic by PLC

Automation Control System

Control System: Each packing line have one control system which make the ice collection system, flake ice machine, ice raking system and auto weighing system can perform auto control together.
Remote Control: Remote Control and monitor system with included.

Ice Weigher Unit

Capacity: 400kg
Material: Painted DKP Steel
Controler: Automatic by PLC of Batching Plant



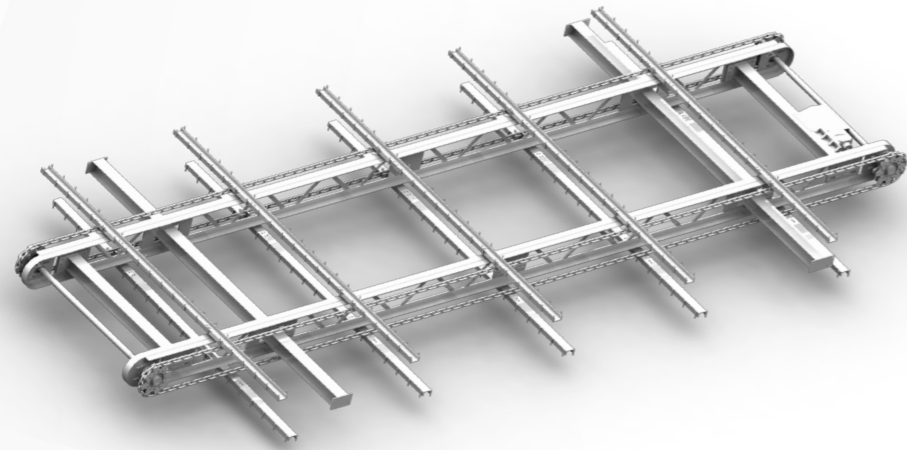
ICE STORAGE SYSTEMS

FULL AUTOMATIC ICE STORAGE AND RAKE SYSTEMS (MOBILE AND MODULAR TYPES)

ROSEN Full Automatic Ice Storages and Rake Systems are a perfect combination with Ice Plants, where specific quantities of ice can be stored for a specific period of time and discharged on demand and to meet demand peaks. The entire daily capacity of the ice factory can be discharged in a short time during production. Even excess production capacity will fill the ice storage and will not be lost.

Full Automatic Ice Storages and Rake Systems are equipped with a full automatic rake and conveyor system as well as an air cooling unit. They are produced prefabricated in a double-walled insulated container. The size of the ice tank depends on its holding capacity. There are two types of storage capacity: Mobile and Modular. This means that all containerized ice plants from ROSEN are perfectly suitable for placement in Mobile and Modular Ice Storage.

After the installation of the ice plant and the electricity and water connection are completed, the ice storage and ice delivery system becomes ready for use.



ICE STORAGE SYSTEMS

MOBILE TYPES FULL AUTOMATIC ICE STORAGE AND RAKE SYSTEMS

GENERAL SPECIFICATIONS

-DETAILS OF ICE STORAGE AND RAKE SYSTEMS

Working Type: Full Automatic

Storage Capacity: 20 Ton Approx.

Size of Plant: 40ft Container

Control System: PLC

Temperature: -5°C

Ice Delivery System: Full Automatic by screw conveyor weighing system



ICE STORAGE SYSTEMS

MODULAR TYPES FULL AUTOMATIC ICE STORAGE AND RAKE SYSTEMS

GENERAL SPECIFICATIONS

-DETAILS OF ICE STORAGE AND RAKE SYSTEMS

Working Type: Full Automatic
Storage Capacity: 50 or 100 Ton
Size of Plant: It varies depending on capacity.
Control System: PLC
Temperature: -5°C
Ice Delivery System: Full Automatic by screw conveyor weighing system



ICE STORAGE SYSTEMS

SEMI AUTOMATIC ICE STORAGE SYSTEMS

ROSEN Semi-automatic Mobile Ice Storages are installed in 40-ft. Containers with insulated storage room. It has also leveling screw and air cooling unit. The ice storage can be transported like a standard container on a truck – thus it is easily to shift it anywhere in the world.

The ice storage is filled automatically and the ice is distributed evenly in the container via a screw. The ice discharge is carried out manually via an open trough discharge screw. This is the most economical way of storing dry flake ice.

The equipment of the Semi-automatic Ice Storage is based on the mobile system and the same components for insulation and room cooling are used. All models are compatible with all containerized flake ice plant.

GENERAL SPECIFICATIONS

-DETAILS OF ICE STORAGE AND RAKE SYSTEMS

Working Type: Semi Automatic
Storage Capacity: 25 or 30 Ton
Size of Plant: 40ft Container
Insulation: 10 cm Sandwich Panel
Temperature: -5°C
Ice Delivery System: By screw conveyor with a worker







WATER COOLER SYSTEMS

CHILLER UNIT

MODEL CH 50KW

GENERAL SPECIFICATIONS

-DETAILS OF CHILLER

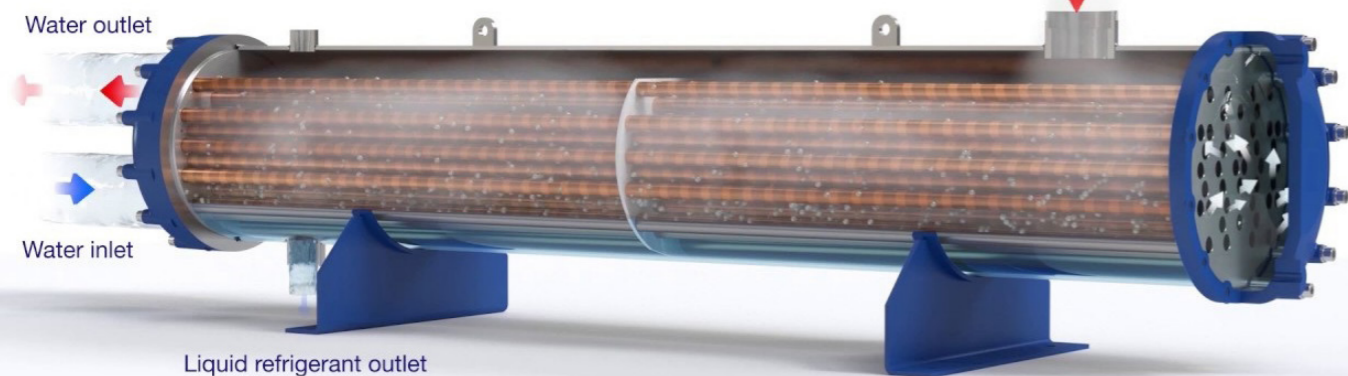
Compressor Capacity: 22 HP Semi Hermetic
Cooling Capacity: 40700 Kcal/H - 47,3 KW/H
Water Flow: 8,1 m3/h
Energy Consumption: 15 KW/h
Voltage: 380 V, 3 Faz, 50 - 60Hz
Maximum Power Rate: 38 Amper
Water Connection: 2"

**MODEL CH 100KW**

GENERAL SPECIFICATIONS

-DETAILS OF CHILLER

Compressor Capacity: 50 HP Semi Hermetic
Cooling Capacity: 99,500 Kcal/H - 115,7 KW/H
Water Flow: 19,9 m3/h
Energy Consumption: 40 KW/h
Voltage: 380 V, 3 Faz, 50 - 60Hz
Maximum Power Rate: 70 Amper
Water Connection: 3"



WATER COOLER SYSTEMS

CHILLER UNIT

MODEL CH 250KW

GENERAL SPECIFICATIONS

-DETAILS OF CHILLER

Compressor Capacity: 100 HP Secrew Type
Cooling Capacity: 199,484 Kcal/H - 232 KW/H
Water Flow: 39,9 m3/h
Energy Consumption: 80 KW/h
Voltage: 380 V, 3 Faz, 50 - 60Hz
Maximum Power Rate: 120 Amper
Water Connection: 3"

**MODEL CH 500KW**

GENERAL SPECIFICATIONS

-DETAILS OF CHILLER

Compressor Capacity: 200 HP Secrew Type
Cooling Capacity: 398,968 Kcal/H - 464 KW/H
Water Flow: 79,8 m3/h
Energy Consumption: 160 KW/h
Voltage: 380 V, 3 Faz, 50 - 60Hz
Maximum Power Rate: 240 Amper
Water Connection: 3"

**MODEL CH 1000KW**

GENERAL SPECIFICATIONS

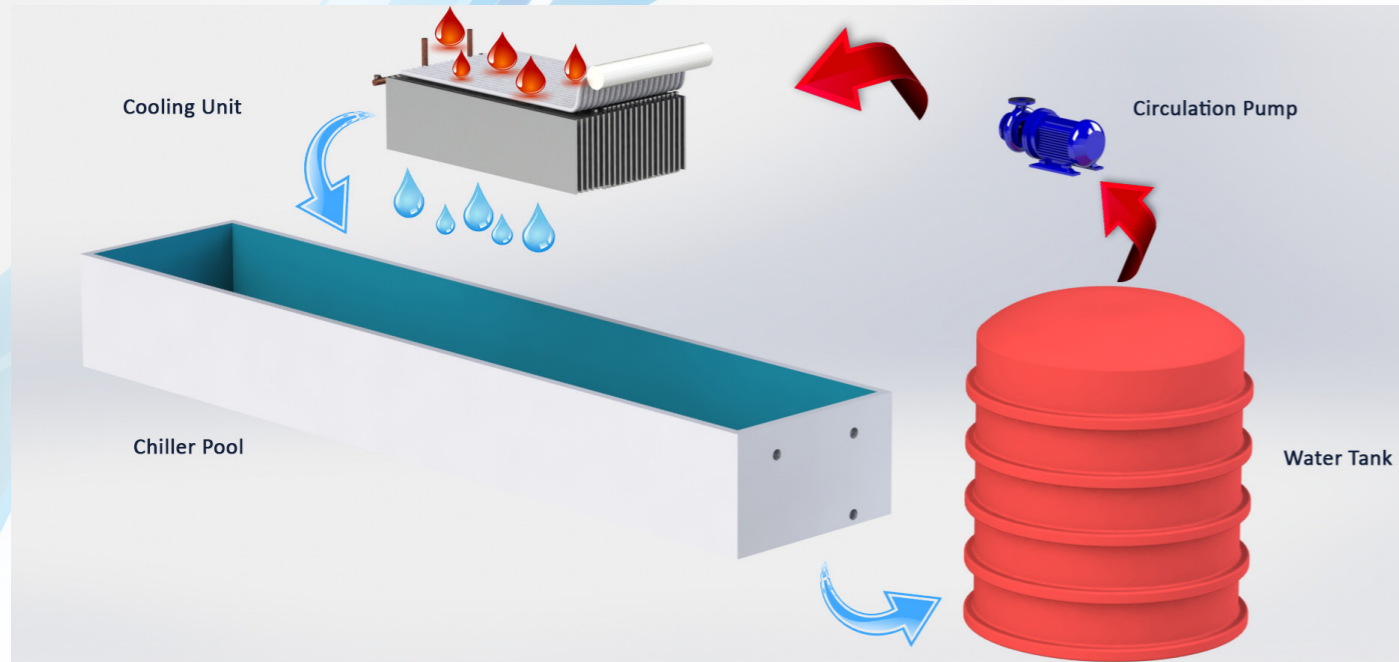
-DETAILS OF CHILLER

Compressor Capacity: 420 HP Secrew Type
Cooling Capacity: 839,209 Kcal/H - 976 KW/H
Water Flow: 167,8 m3/h
Energy Consumption: 350 KW/h
Voltage: 380 V, 3 Faz, 50 - 60Hz
Maximum Power Rate: 500 Amper
Water Connection: 3"





ICY WATER SYSTEMS



What is the icy water?

It's a new technology has been invented by Rosen Company at 2009 for the best solution of Concrete Batching Plants. It's a kind of water cooler system that can reduce the water temperature to 0,5°C of the serious tonnage water capacity up to 50 ton/hour. The content is few amount ice piece in cold water. Thats the best and optimum cooling system for Concrete Batching Plants . Available concrete batching capacity are between 30m³ to 200m³.

What are the differences from other cooling systems?

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. Just in 1 hour, Icy-Water Plant can reduce the ice water technology is the place of between chiller system and ice plant 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,

Thats an Invention Patent Rosen Refrigeration system (Icy-Water Plant) has intented on 2009. Now it has experinded in many Batching Plant with successfuly. The system is running with closed-loop system inside Container.

Placement and installation,

Its a system which closed-loop set up inside 20" or 40" isolated container.



ICY WATER SYSTEMS

Its protected by all external factors. Its like mobile system that easy carry and move to another place you need.

Use of and integrated into the system

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



ICE DELIVERY SYSTEM

SCREW CONVEYOR FOR ICE DELIVERY

ROSEN screw conveyors, delivery the ice from the ice storages to anywhere. If desired, we can integrate the ice weighing automation system into the aggregate conveyor. Or it can delivery directly to a water tank or to an aggregate conveyor. The length of the conveyor can produce according to customer require from 3 meter to 12 meter. The conveyor has flexible insulation covered.



ICE WEIGHING UNIT

AUTOMATIC ICE WEIGHING SYSTEM

ROSEN ice weighing systems are produced from 200kg to 500kg of ice weighing capacity, depending on the ice needs of the batching plant. The weighing system collect the ice automatically from ice delivery conveyor, than it supply the required amount ice on to aggregate conveyor.

The system connect to automation of the batching plant and controled automatically by control room.





BLOCK ICE MACHINES

Daily Ice Capacity:	5000 Kg	10000 Kg	15000 Kg
Ice Block Production Per Shift:	66 Pcs	133 Pcs	600 Pcs
Daily Block Production:	198 Pcs	399 Pcs	600 Pcs
Weight of Per Block:	25 Kg	25 Kg	25 Kg
Production Time Per Shift:	7 Hours	7 Hours	7 Hours
Electric Voltage:	3 Phase, 380-415V	3 Phase, 380-415V	3 Phase, 380-415V
Ice Temperature:	-12°C	-12°C	-12°C
Refrigeration:	Freon R404A	Freon R404A	Freon R404A
Weight of Machine:	4500 Kg	8500 Kg	12000 Kg
Setup Inside:	20ft Container	40ft Container	45ft Container
Compressor Capacity:	30 Hp	2 x 30 Hp	2 x 40 Hp

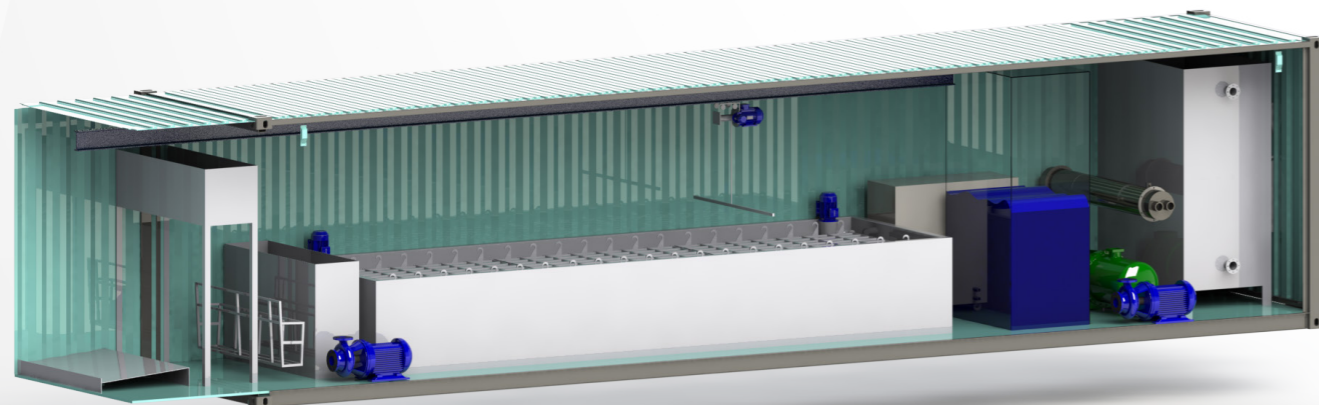
BLOCK ICE MACHINES DAILY CAPACITY 5 TON, 10 TON, 15 TON

- Can use for adding ice to water.
- Can use for adding ice to concrete mix.
- Reduce the concrete temperature more than 9°C.

Adding ice to the concrete mix is also an effective solution to cooling the concrete. The produced ice is cooled in concrete production by adding concrete mixture with different options. In addition, concrete can be cooled by adding ice to the water tank.

The Block ice production systems; It is a system that enables ice to be added to the water tanks in the concrete batching plant at the mold at -12°C in the ice system, thus cooling the water used in the concrete.

We usually recommended Containerized type 5 Ton/day, 10 Ton/day, 15 Ton/day capacity ice block plants.





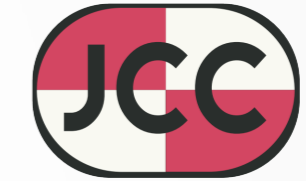
REFERENCES

THE BIGGEST PROJECTS WE HAVE COMPLETED;

- Kingdom of the Saudi Arabia State Project, The Line (NEOM) Global Urbanization Project
- Turkiye's State Project, Construction of Nuclear Power Plant Cooling Systems (Akkuyu)
- Egypt's State Project, Construction of Nuclear Power Plant Cooling Systems (Al-Dabaa)
- Cameroon State Project, CCN Nachtigal Dam Construction Cooling Systems (Yaoundé)
- Kuwait State Project, Al-Mutlaa State Project Construction Cooling Systems
- Oman State Project, International Airport Construction Cooling Systems
- Algeria State Project, Tram-Construction Cooling Systems
- Afghanistan State Project, US Airbase Construction Cooling Systems
- Kazakhstan State Project, Port Construction Cooling Systems
- Turkiye's State Project, Siirt Dam Construction Cooling Systems
- Turkiye's State Project, Urfa Tunnel Construction Cooling Systems
- Iraq State Project, Power Plant Construction Cooling Systems
- Djibouti State Project, US Airbase Construction Cooling Systems
- Kazakhstan State Project, Construction Cooling Systems
- Romanian State Project, Highway Construction Cooling Systems
- Serbia State Project, Highway Construction Cooling Systems
- Kosovo State Project, Highway Construction Cooling Systems
- Uzbekistan State Project, Highway Construction Cooling Systems
- Jordan State Project, Port Construction Cooling Systems



REFERENCES





AKKUYU- N.P.P. PROJECT MERSIN/TURKIYE

AKKUYU- N.P.P. PROJECT MERSIN/TURKIYE

Location;

- MERSIN/TURKIYE

Total Capacity on the Jobsite;

- 240 TON ICE PLANT
- 1400 KW WATER COOLER CHILLER UNITS

Project Date;

- 2018





ÖZALTIN CONSTRUCTION CO. MERSIN/TURKIYE

**Location;**

- MERSIN/TURKIYE

Total Capacity on the Jobsite;

- 40 TON ICE PLANT
- 500 kW WATER COOLER CHILLER UNITS

Project Date;

- 2022



HEIDELBERG CEMENT KUWAIT

Location;

- KUWAIT

Total Capacity on the Jobsite;

- 20 TON ICE PLANT

Project Date;

- 2018





CCN NACHTIGAL DAM YAOUNDÉ/CAMEROON



CCN NACHTIGAL DAM YAOUNDÉ/CAMEROON



Location;
• YAOUNDÉ/CAMEROON

Total Capacity on the Jobsite;
• 30 TON ICE PLANT

Project Date;
• 2020





Location;

- MOROCCO

Total Capacity on the Jobsite;

- 80 TON ICE PLANT

Project Date;

- 2023



Location;

- KOSOVO & NORTH MACEDONIA

Total Capacity on the Jobsite;

- 10 TON ICE PLANT
- 75*Pcs SS700LT WATER DISPENSER

Project Date;

- 2020-2023



AL-DABAA/EGYPT N.P.P. PROJECT

AL-DABAA/EGYPT N.P.P. PROJECT

**Location;**

- AL-DABAA/EGYPT

Total Capacity on the Jobsite;

- 200 TON ICE PLANT
- 2000 KW WATER COOLER CHILLER UNITS

Project Date;

- 2021-2023



Location;
• SAUDI ARABIA

Total Capacity on the Jobsite;
• 360 TON ICE PLANT

Project Date;
• 2023

AL-MUTLAA STATE PROJECT KUWAIT

AL-MUTLAA STATE PROJECT KUWAIT

**Location;**

- KUWAIT

Total Capacity on the Jobsite;

- 140 TON ICE PLANT
- 1000 KW WATER COOLER CHILLER UNITS

Project Date;

- 2017





AL-JAZERA CONCRETE CO. TROJENA PROJECT NEOM

AL-JAZERA CONCRETE CO. TROJENA PROJECT NEOM



Location;

- SAUDI ARABIA

Total Capacity on the Jobsite;

- 80 TON ICE PLANT
- 900 KW WATER COOLER CHILLER UNITS

Project Date;

- 2024





ROSEN

I C E P L A N T



ROSEN ICE PLANT

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collaborations
on our website.