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CERTIFICATION PATENT

COMPANY PROFILE

WELCOME

Guangdong Icesnow Refrigeration Equipment Co., Ltd. is a comprehensive manufacturer specializing in the R&D, design, manufacturing, marketing and after-sales installation of ice machines. Founded in 2003, Icesnow occupied 10000 m² of factory and more than 200 employees, including senior technical research and development teams and professional sales teams. The ice maker independently developed and designed by Icesnow has a number of exclusive patented technologies. After more than 20 years of continuous development and growth, Icesnow has become a leading brand in China's refrigeration industry and has a certain international reputation. At present, it has 6 offices in China and many agents in Europe, Australia, Southeast Asia, the Middle East, Africa, South America and South Pacific Islands etc.

OUR MAIN PRODUCTS:

Flake ice machine, Freshwater flake ice machine, Seawater flake ice machine, Flake ice evaporator, Ice cube machine, Commercial Ice maker, Tube ice machine, Direct cooling block ice machine, Ice crusher machine, Low temperature water chiller, Rake type automatic ice storage room & Screw ice delivery system etc.

• FACTORY PROFILE

NO.1

World class
production equipment

NO.2

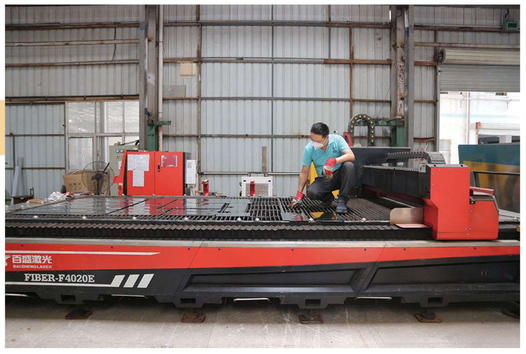
Advanced
production process

NO.3

Professional Team

NO.4

Strict quality
management system



• COOPERATIVE PARTNERS

叮咚买菜
中国中铁
大润发 RT-Mart
联华超市股份有限公司 LIANHUA SUPERMARKET HOLDINGS CO.,LTD.
METRO 麦德龙
好又多 TRUST-MART
凤凰优选 Phoenix Selection
中建四局
Beijing 2008
中国铁建
华润万家 vanguard
新一佳 A.Best
中百仓储
步步高 Better Life
华润苏果 CHINA RESOURCES SUSUO
雨润集团 YURUN GROUP
Carrefour 家乐福
中国交通建设
Sunhoh 三和超市
hklbh 洪客隆百货
中国水电 SINOHYDRO
伊利
永辉超市 YONGHUI SUPERSTORES
IPIEN 谊品生鲜
萬家 MART
Walmart
天虹 RAINBOW
武商超市
启元药业 QIYUAN PHARM.
盒马 FRESHIPPO
新华百货·生活超市
港珠澳大桥
世纪华联 CENTURY
双汇集团 SHUANGHUI GROUP
顺客隆 Simple kind life
盛京百货
和威集团 WWW.HEWEI.COM.CN
物美 WUMART

ACCESSORIES BRAND

Danfoss
Bitzer BITZER GROUP OF COMPANIES
SIEMENS 西门子
Copeland
力科 光電 RiKO
GÜNTNER
Castel
HANBELL HANBELL PRECISE MACHINERY CO.,LTD.
kamo KAMO SEIKO CORP.
Schneider Electric
LG
Honeywell
WEINVIEW
LESSO 联塑
EMERSON

APPLICATION INDUSTRY

ICE MACHINE

Concrete mixing works

Chemical and dye industry

Marine fishery

Seafood processing industry

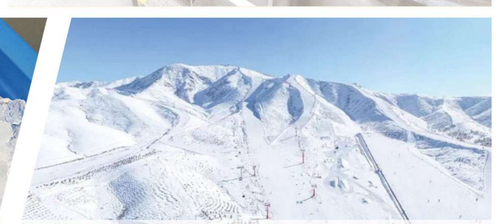
Food processing industry

Supermarket preservation

Fruits and vegetables preservation

Brewing industry

Biological pharmacy
and laboratory refrigeration


Artificial snow and ice engineering
and application of artificial ski resort

OUR PRODUCTS

FLAKE ICE MACHINE
(Seafood Frozen/Marine/Artifical snow)

ICE CUBE MACHINE
(Bars/Hotels/Drinking)

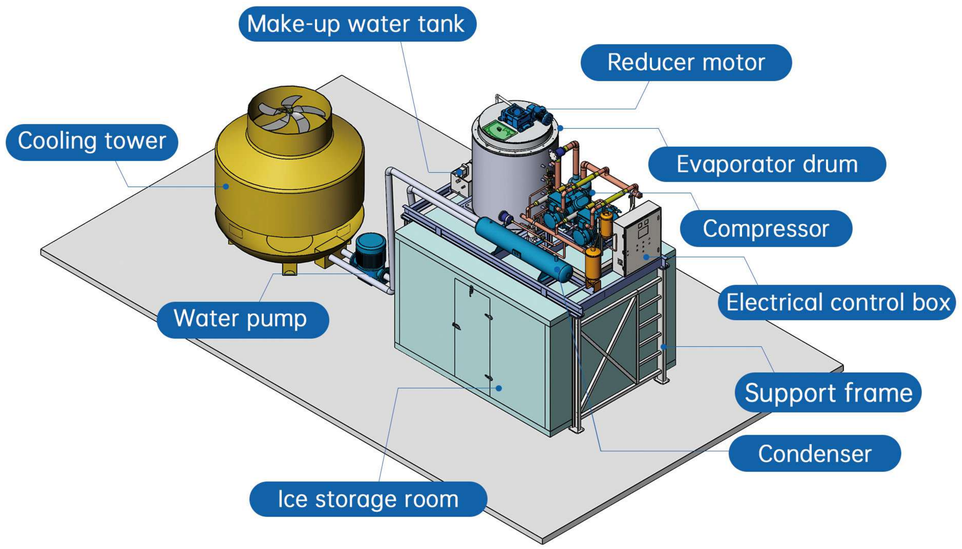
TUBE ICE MACHINE
(Bars/Food Frozen)

COMMERCIAL ICE MAKER
(Bars/Hotels/Beverage Store)

DIRECT COOLING BLOCK ICE MACHINE
(Ice factory/Preservation/Industrial Cooling)

CONTAINERIZED BLOCK ICE MACHINE
(Ice factory/Preservation/Industrial Cooling)

Flake Ice Machine



THE LAYOUT DIAGRAM OF FLAKE ICE MACHINE

When the refrigeration system starts to work , the water pump will pump the water in the water tank into the water distribution tray. Driven by the reducer, the water in the water distributor uniformly flows to the inner wall of the evaporator. At the same time, the refrigerant circulating in the evaporator exchanges heat with the water , cools to below the freezing point, and forms an ice layer. Driven by the reducer, the ice blade scrapes the ice off the inner wall, and then the ice falls into the ice bin, forming flake ice. Some water without freezing will flow into the water collecting tray and return to the water tank for further circulation, so as to realize the continuous ice making process.

2 Tons/day Flake Ice Machine
with Ice Bin

3 Tons/day Flake Ice Machine
Air Cooling

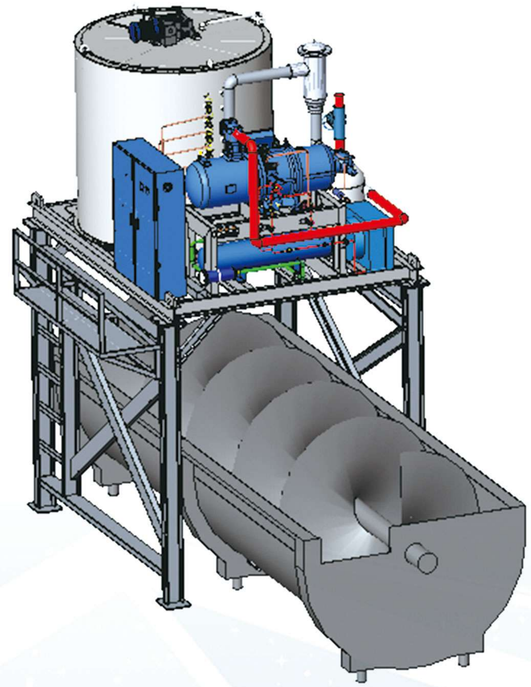
40 Tons/day Flake Ice Machine
Water Cooling

20 Tons/day Flake Ice Machine
Water Cooling

Features:

1. Components are made of SUS304 stainless steel.
2. It can work constantly and efficiently for more than 10.000 hours without an faults.
3. Small space requirement, easy maintenance and convenient relocation.
4. Good conformance with the international standard HACCP and FDA qualification.
5. The ice is very dry, pure, powder less, uneasy blocking.

10 Tons/day Flake Ice Machine
Water Cooling



Applications:

- Large supermarket
- Slaughtering house
- Dye chemical industry
- Meat/aquatic food processing
- Concrete constuction project
- Artificial snow

Flake ice machine is one of our hot sale products

2 sets of 50 Tons/day Flake Ice Machine Water Cooling

1. Refrigeration unit: Using internatinal compressor brands: Bizter, Refcomp, Hanbell, Danfoss, Copeland.
2. PLC control system: Adopt with PLC controlled system, automatic operation by one key control. the alarm information such as water shortage, inversion, full ice and high & low pressure with be displayed on the screen, to avoid abnormal working and reduce the possibility of breakdown.
3. Flake ice evaporator: adopts fixed and stationary vertical design: ice making by internal scraping, the evaporator is fixed and the ice blade is rolling and scraping ice on the inner wall. This design reduces the abrasion; tight sealing, which can prevent refrigerant gas from leakage. Using excellent SUS304 material and automatic welding technology to improve its strength and precison.
4. Ice blade: rolling spiral design, low resistance and loss, no noise and fine ice.

Parameter:

Model	Daily Capacity (KG/24H)	Ice Bin Capacity (KG)	Refrigeration Capacity (KW)	Total Power (KW)	Compressor Brand	Compressor Power (HP)	Reducer Power (KW)	Water Pump Power (KW)	Cooling Mode	Ice Bin Dimension (L*W*H)MM	Flake Ice Machine Dimension (L*W*H)MM	Net Weight (KG) (Without Ice Bin)
GM-03KA	300	150	1.95	1.6	Panasonic	2	0.18	0.09	Air Cooling	760*815*1111	760*660*550	150
GM-05KA	500	200	3.25	2.4	Danfoss	3	0.18	0.014	Air Cooling	1150*1196*935	1241*800*801	180
GM-10KA	1000	300	6.5	4.2	Danfoss	5	0.18	0.014	Air Cooling	1300*1241*1185	1390*845*901	280
GM-15KA	1500	400	9.75	6.9	Danfoss	8	0.18	0.014	Air Cooling	1500*1336*1085	1510*940*1002	410
GM-20KA	2000	500	13	8.2	Danfoss	10	0.18	0.014	Air Cooling	1500*1100*1085	1604*1100*1122	470
GM-25KA	2500	600	16.25	9.5	Danfoss	12	0.37	0.4	Air Cooling	1576*1500*1235	1500*1180*1205	520
GM-30KA	3000	1500	19.5	11.8	Bizter	15	0.37	0.4	Air Cooling	1800*1800*1800	1637*1361*1194	680
GM-50KA	5000	2500	32.5	21.5	Bizter	20	0.37	0.18	Water Cooling	2000*2000*2000	2040*1650*1595	1120
GM-80KA	8000	4000	52	31.8	Bizter	40	0.75	0.37	Water Cooling	2500*2500*2000	2700*2018*1690	1890
GM-100KA	10000	5000	65	40.8	Hanbell	50	0.75	0.37	Water Cooling	3100*2500*2000	3320*1902*1840	1970
GM-120KA	12000	6000	78	52	Hanbell	60	0.75	0.37	Water Cooling	2500*3000*2000	3320*1902*1840	2030
GM-150KA	15000	7500	97.5	63	Hanbell	75	0.75	0.37	Water Cooling	3800*3000*2200	4440*2174*1928	3500
GM-200KA	20000	10000	130	74.6	Hanbell	100	0.75	0.37	Water Cooling	3774*3400*2000	4440*2174*2211	3800
GM-250KA	25000	12500	162.5	98	Hanbell	120	0.75	0.37	Water Cooling	Base on customers' demands	4440*2174*2521	4500
GM-300KA	30000	15000	195	119.8	Hanbell	140	1.5	0.55	Water Cooling	Base on customers' demands	4800*2320*2450	5160
GM-350KA	35000	17500	227.5	122	Hanbell	175	1.5	0.55	Water Cooling	Base on customers' demands	4400*3000*2730	5300
GM-400KA	40000	20000	260	124.3	Hanbell	180	1.5	0.55	Water Cooling	Base on customers' demands	4400*3000*2930	5800
GM-500KA	50000	25000	325	147.4	Hanbell	250	1.5	0.55	Water Cooling	Base on customers' demands	7000*2090*2268	6300

* Power Supply: 380V/50HZ(60HZ)/3P, 220V(230V)/50HZ/1P, 220V/60HZ/3P(1P), 415V/50HZ/3P, 440V60HZ/3P

Seawater Flake Ice Machine

5Tons/day Seawater Flake Ice Machine

10Tons/day Seawater Flake Ice Machine

Icesnow sea water flake ice machine can directly use sea water to make ice on the sea or fishing boats. In view of the problems such as ship swaying and vibrating, sea water scouring, harsh climate, long sailing time, and soft hardness of sea water ice making, Icesnow has made a lot of optimization on the internal structure of flake ice evaporator, using 316 stainless steel as the raw material. Through special processing technology, the inner wall of the flake ice evaporator has the characteristics of high hardness, good heat transfer effect and corrosion resistance, and its service life can be up to 20 years. At the same time, the fully automatic PLC control system is adopted, which makes the flake ice machine reliable in control, stable in operation, low in failure rate, and greatly saves manpower and material resources. It solves your worries for your ocean fishing trip.

Parameter:

Model	Daily Capacity (KG/24H)	Refrigeration Capacity (KW)	Total Power (KW)	Compressor Brand	Compressor Power (HP)	Reducer Power (KW)	Water Pump Power (KW)	Flake Ice Machine Dimension (L*W*H)MM	Net Weight (KG) (Without Ice Bin)
GMH-10KA	1000	7.5	4.5	Bizter	7	0.18	0.014	1135*740*901	370
GMH-15KA	1500	11.25	6	Bizter	10	0.18	0.014	1500*1100*1002	480
GMH-20KA	2000	15	10.2	Bizter	15	0.18	0.014	1500*1150*1122	560
GMH-30KA	3000	22.5	16.5	Bizter	25	0.37	0.4	1500*1250*1194	640
GMH-50KA	5000	37.5	22	Bizter	40	0.37	0.18	2040*1650*1595	1130
GMH-100KA	10000	80	54	Bizter	80	0.75	0.37	3320*1902*1840	2040
GMH-120KA	12000	90	60	Bizter/Hanbell	80	0.75	0.37	3320*1902*1840	2150
GMH-150KA	15000	112.5	75	Bizter/Hanbell	120	0.75	0.37	4440*2174*1928	3620
GMH-200KA	20000	150	88	Bizter/Hanbell	150	0.75	0.37	4440*2174 *2211	4100
GMH-250KA	25000	187.5	110	Bizter/Hanbell	160	0.75	0.37	4440*2174*2521	4800
GMH-300KA	30000	225	130	Bizter/Hanbell	240	1.5	0.55	4800*2320*2450	5200
GMH-350KA	35000	262.5	145	Bizter/Hanbell	280	1.5	0.55	4400*3000*2730	5600
GMH-400KA	40000	300	152	Bizter/Hanbell	320	1.5	0.55	4400*3000*2930	6200
GMH-500KA	50000	375	163	Bizter/Hanbell	400	1.5	0.55	7000*2090*2268	7200

* Power Supply: 380V/50HZ(60HZ)/3P, 220V(230V)/50HZ/1P, 220V/60HZ/3P(1P), 415V/50HZ/3P, 440V60HZ/3P

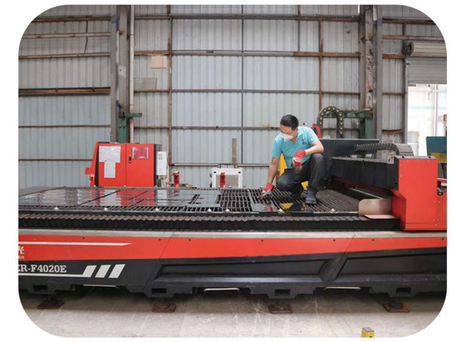
Flake Ice Evaporator

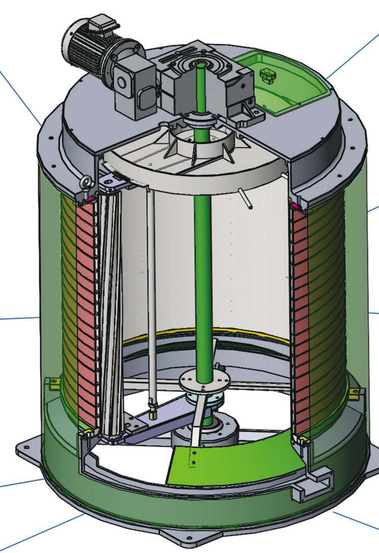
Flake Ice Evaporator Producing Procedure:
To produce a qualified evaporator the following procedures are necessary.

Automatic welding machine

Testing round view

Fiber laser cutting machine





Shot blasting processing

Ice blade machining center

Automatic CNC double

Rolling machine

Horizontal central lathe

Heat processing equipment

Flake Ice Evaporator

20Tons/day Flake Ice Evaporator
with Ammonia System

30Tons/day Flake Ice Evaporator
with Freon System

Flake ice evaporator including freon system flake ice evaporator and ammonia system flake ice evaporator.

Icesnow has a professional manufacuring processes. Icesnow flake ice evaporator components are treated with corrosion resistant surface, which is clean and sanitary without pollution. The flake ice evaporator adopts a flange connection structure, and the evaporation chamber adopts a rib spiral surrounding welding groove structure, which further enhances the strength of the inner wall. The inner wall is strictly tested by the acoustic detection thickness gauge, and the wall thickness is unified to ensure that the flake ice evaporator can be used for a long time without deformation. The stationary vertical design, namely, the internal scraping ice making, the evaporator does not move, and the ice skate rotates on the inner wall to scrape ice. This design reduces wear, has high sealing performance, and effectively prevents refrigerant leakage.

Parameter:

Model	Daily Capacity (KG/24H)	Refrigeration Capacity(KW)	Reducer Power (KW)	Water Pump Power (KW)	Ice Falling Hole Diameter (MM)	Dimension (L*W*H)MM	Net Weight(KG)
GMS-03KA	300	1.95	0.18	0.09	Φ240	900*480*638	100
GMS-05KA	500	3.25	0.18	0.014	Φ500	1080*711*792	130
GMS-10KA	1000	6.5	0.18	0.014	Φ500	1080*711*893	168
GMS-15KA	1500	9.75	0.18	0.014	Φ500	1080*711*993	194
GMS-20KA	2000	13	0.18	0.014	Φ590	1100*680*1046	220
GMS-25KA	2500	16.25	0.37	0.4	Φ590	1100*680*1196	265
GMS-30KA	3000	19.5	0.37	0.4	Φ590	1100*680*1196	285
GMS-50KA	5000	32.5	0.37	0.18	Φ790	1500*890*1590	480
GMS-80KA	8000	52	0.75	0.37	Φ1160	1990*1270*1666	820
GMS-100KA	10000	65	0.75	0.37	Φ1160	1990*1270*1816	840
GMS-120KA	12000	78	0.75	0.37	Φ1160	1990*1270*1816	1260
GMS-150KA	15000	97.5	0.75	0.37	Φ1540	2470*1680*1821	1360
GMS-200KA	20000	130	0.75	0.37	Φ1540	2470*1680*2171	1620
GMS-250KA	25000	162.5	0.75	0.37	Φ1540	2470*1680*2422	2610
GMS-300KA	30000	195	1.5	0.55	Φ2170	3250*2350*2291	3560
GMS-350KA	35000	227.5	1.5	0.55	Φ2170	3330*2350*2533	3800
GMS-400KA	40000	260	1.5	0.55	Φ2170	3330*2350*2749	3960
GMS-500KA	50000	325	1.5	0.55	Φ2381	3320*2520*2907	4100

* Power Supply: 380V/50HZ(60HZ)/3P, 220V(230V)/50HZ/1P, 220V/60HZ/3P(1P), 415V/50HZ/3P, 440V60HZ/3P

Seawater Flake Ice Evaporator

10Tons/day
Seawater Flake Ice Evaporator

20Tons/day
Seawater Flake Ice Evaporator

All SUS316 stainless steel seawater flake ice evaporator:

Seawater flake ice evaporator features:

1. It produces ice flakes thickness 1.8 ~ 2.5mm.
2. The material of seawater flake ice machine is SUS304 stainless steel and SUS316 stainless steel, the inner wall featuring high hardness, good heat conduct and strong anti-corrosion, its using life can reach to approximately 20 years.
3. The system adopts all-automatic control, no person is needed to operate.

Parameter:

Model	Daily Capacity (KG/24H)	Refrigeration Capacity (KW)	Reducer Power (KW)	Water Pump Power (KW)	Ice Falling Hole Diameter (MM)	Dimension (L*W*H)MM	Net Weight (KG)
GME-10KA	1000	7.5	0.18	0.014	Φ500	1080*711*893	168
GME-15KA	1500	11.25	0.18	0.014	Φ500	1080*711*993	194
GME-20KA	2000	15	0.18	0.014	Φ590	1100*680*1046	220
GME-25KA	2500	18.75	0.37	0.4	Φ590	1100*680*1196	265
GME-30KA	3000	22.5	0.37	0.4	Φ590	1100*680*1196	285
GME-50KA	5000	37.5	0.37	0.18	Φ790	1500*890*1590	480
GME-80KA	8000	60	0.75	0.37	Φ1160	1990*1270*1666	820
GME-100KA	10000	75	0.75	0.37	Φ1160	1990*1270*1816	840
GME-120KA	12000	90	0.75	0.37	Φ1160	1990*1270*1816	1260
GME-150KA	15000	112.5	0.75	0.37	Φ1540	2470*1680*1821	1360
GME-200KA	20000	150	0.75	0.37	Φ1540	2470*1680*2171	1620
GME-250KA	25000	187.5	0.75	0.37	Φ1540	2470*1680*2422	2610
GME-300KA	30000	225	1.5	0.55	Φ2170	3250*2350*2291	3560
GME-350KA	35000	262.5	1.5	0.55	Φ2170	3330*2350*2533	3800
GME-400KA	40000	300	1.5	0.55	Φ2170	3330*2350*2749	3960
GME-500KA	50000	375	1.5	0.55	Φ2381	3320*2520*2907	4100

* Power Supply: 380V/50HZ(60HZ)/3P, 220V(230V)/50HZ/1P, 220V/60HZ/3P(1P), 415V/50HZ/3P, 440V60HZ/3P

Ice Cube Machine

3Tons/day Ice Cube Machine

5Tons/day Ice Cube Machine

Icesnow industrial ice cube machine is the first fully automatic edible ice cube machine with four advanced technologies: adjustable ice thickness, adaptive ambient temperature, automatic water supplying, automatic ice freezing and ice falling.

Compressor

Touch Screen

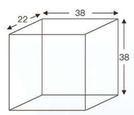
Cube ice evaporator

Screw Conveyor

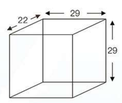
Ice Outlet

Accessories:

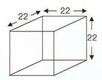
1. Compressor: Icesnow Ice Cube Machine adopts famous brand, bitzer compressor, high effciency, low consumption, low noise and long service life.
2. Touch Screen: Simple operation, the control box adopts PLC microcomputer program control; automatic ice making, ice falling and ice out; fault intelligent display.
3. Ice maker evaporator: firm, anti-corrosion, sanitary, fast ice making, and longer service life.
4. Ice Oulet: It adopts SUS304 stainless steel, and used with pedal switch, automatic ice out and simple operation.



38*38*22mm



29*29*22mm



22*22*22mm

* Ice Cube Size: There are 3 different cube ice sizes which can cover mostly the preference of the customers in different countries.

Advantages:

1. High Ice Capacity: When the ambient temperature is <20℃, the maximum ice capacity can reach 130%. When the ambient temperature is high in summer, the industrial ice machine can reach 90-95% capacity.
2. Low Power Consumption: When the ambient temperature is ≤23℃, it takes 70-85 KWH for 1T ice. When the ambient temperature is high in summer, the power consumption will be 85-90 KWH for 1T ice. For commercial type cube ice maker in the market, it will consume 130-160 KWH per ton of ice.
3. Intelligent Control: PLC control, one-key operation, automatic water supplying, ice making and ice falling. Automatic adjustment for ambient temperature; automatic adjustment for ice thickness.
4. Sanitation: The machine body is made of SUS304 stainless steel; special water sink design, automatic cleaning; eliminate the impurity, sanitary, safe and QS inspection standard.

20Tons/day Ice Cube Machine

The ice cube machine looks smart and beautiful with integrated design, it adopts with international famous brands and automatically controlled by Siemens PLC control system, the whole frame is made of SUS304 material which can completely meet the food grade standards. Ice cube machine can equip with Icesnow automatic ice packing machine, which can make the whole ice production line fully automatical running. It can reduce production cost and increase ice making efficiency.

Parameter:

Model	Daily Capacity (Ton/24H)	Refrigeration Capacity(KW)	Total Power (KW)	Compressor Brand	Compressor Power (HP)	Water Pump Power (KW)	Refrigerant Gas	Cooling Mode	Ice Cube Machine Dimension (L*W*H)MM	Net Weight(KG)
ISN-BY20	2	17	8.9	Bizter/RefComp	8	0.37	R404A/R22/R507	Air Cooling/ Water Cooling	1960*1500*1900	500
ISN-BY30	3	35	13	Bizter/RefComp	15	0.55	R404A/R22/R507	Air Cooling/ Water Cooling	2100*1960*1900	1100
ISN-BY50	5	49	21.3	Bizter/RefComp	25	0.75	R404A/R22/R507	Air Cooling/ Water Cooling	3100*2110*2000	1500
ISN-BY100	10	127	53.8	Bizter/Hanbell	50	1.5	R404A/R22/R507	Air Cooling/ Water Cooling	5880*2110*2000	3250
ISN-BY200	20	220	84.5	Bizter/Hanbell	100	2.2	R404A/R22/R507	Water Cooling	12200*2438*2896	8500
ISN-BY300	30	347	132	Bizter/Hanbell	150	4.4	R404A/R22/R507	Water Cooling	12200*2438*2896	13500

* Power Supply: 380V/50HZ(60HZ)/3P, 220V(230V)/50HZ/1P, 220V/60HZ/3P(1P), 415V/50HZ/3P, 440V60HZ/3P

Commercial Ice Maker

100kg/day
Commercial Ice Maker

200kg/day
Commercial Ice Maker

300kg/day
Commercial Ice Maker

Ice produced by Icesnow ice maker is crystal clear, with high hardness, uniform rules, clear water chestnut, beautiful and generous, long storage time, clean and sanitary, which fully meets the national hygienic requirements for edible ice.

Thin Ice

Medium Ice

Thick Ice

1000kg/day Commercial Ice Maker

Detail:

Air Cooling

Ice Evaporator

Touch Screen

Adjustable Support Leg

Application:

Milk tea shop, coffee shop, bar, KTV, cake shop, hot pot shop, supermarket, and other catering and entertainment places

Parameter:

Model	Daily Capacity (KG/24H)	Ice Bin Capacity (KG)	Power Supply	Power (W)	Type	Cooling Mode	Dimension (L*W*H)MM
ISN-005K	50	18	1P/220V/50HZ	450W	Integrated	Air Cooling	500*600*810
ISN-008K	80	18	1P/220V/50HZ	480V	Integrated	Air Cooling	660*700*920
ISN-010K	100	45	1P/220V/50HZ	580W	Integrated	Air Cooling	660*700*920
ISN-015K	150	45	1P/220V/50HZ	780W	Integrated	Air Cooling	660*700*920
ISN-017K	170	145	1P/220V/50HZ	840W	Split	Air Cooling	580*900*1690
ISN-020K	200	145	1P/220V/50HZ	860W	Split	Air Cooling/Water Cooling	580*900*1690
ISN-025K	250	281	1P/220V/50HZ	1000W	Split	Air Cooling/Water Cooling	780*900*1690
ISN-030K	300	210	1P/220V/50HZ	1050W	Split	Air Cooling/Water Cooling	780*900*1690
ISN-045K	450	281	1P/220V/50HZ	2300W	Split	Air Cooling/Water Cooling	780*900*1895
ISN-060K	600	281	1P/220V/50HZ	2500W	Split	Air Cooling/Water Cooling	780*900*1895
ISN-070K	700	470	1P/220V/50HZ	2500W	Split	Air Cooling/Water Cooling	1250*940*1880
ISN-10K	1000	470	3P/380V/50HZ	3700W	Split	Air Cooling/Water Cooling	1250*940*1880

* Power Supply: 380V/50HZ(60HZ)/3P, 220V(230V)/50HZ/1P, 220V/60HZ/3P(1P), 415V/50HZ/3P, 440V60HZ/3P

Tube Ice Machine

1Ton/day Tube Ice Machine/Air Cooling

10Tons/day Tube Ice Machine/Water Cooling

Compressor

Touch Screen

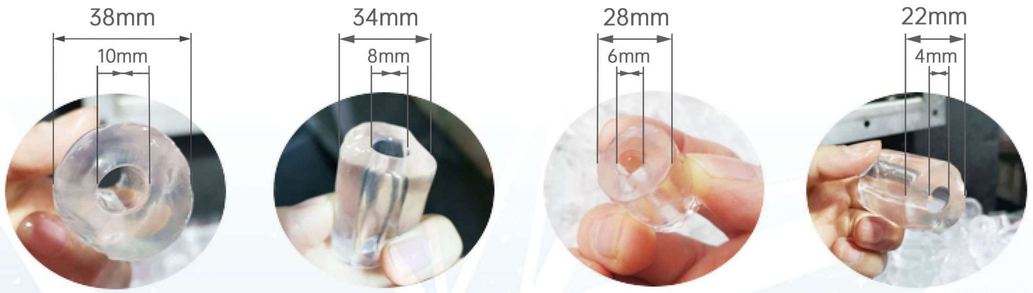
Evaporator

Ice Outlet

Tube Ice

Accessories:

1. Compressor: Icesnow Tube Ice Machine adopts famous brand, bitzer compressor, with high efficiency, low consumption, low noise and long service life.
2. Touch Screen: (Simple operation) the control box adopts PLC microcomputer program control; automatic ice making, ice falling and ice out; fault intelligent display.
3. Tube ice Evaporator: SUS304 Stainless steel, aluminum alloy plate as the material for the evaporator. Icesnow has advanced technology skill and scientific design for the evaporator to achieve no any deep space for the cleaning, making it reach to international standard such as HACCP, FDA qualification.
4. Ice outlet: As the ice falls from the tubes, it is cut by the rotating ice cutter to a desired size.



Features:

1. Tube ice is a hollow cylinder shape with external diameter of Φ22mm, Φ28mm, Φ34mm, Φ38mm and other specifications.
2. The length of tube ice is 30mm/35mm/45mm/50mm.
3. The diameter of the inner hole can be adjusted according to the ice making time, generally between 5mm and 10mm, or can be customized according to customer requirements.
4. Tube ice is thick and transparent. It has the following characteristics: long storage time, not easy to melt, good air permeability, and meets the edible standard.
5. Main application: daily consumption, frozen beverage, beverage making, frozen food, vegetable preservation, chemical process, civil engineering and other places that need ice.

5Tons/day Tube Ice Machine
Water Cooling

Parameter:

Model	Daily Capacity (Ton/24H)	Refrigeration Capacity(KW)	Total Power (KW)	Compressor Brand	Compressor Power (HP)	Ice Cutter Power (KW)	Water Pump Power (KW)	Refrigerant Gas	Cooling Mode	Tube Ice Machine Dimension (L*W*H)MM	Net Weight(KG)
ISN-TB10	1	6.5	4.6	Danfoss	6	0.37	0.37	R404A/R22/R507	Air Cooling	1300*1250*1880	960
ISN-TB20	2	13	9.8	Bizter	12	0.37	0.37	R404A/R22/R507	Air Cooling /Water Cooling	1700*1055*1850	1200
ISN-TB30	3	19.5	15.2	Bizter	15	0.55	55	R404A/R22/R507	Air Cooling /Water Cooling	1700*1250*2250	1400
ISN-TB50	5	32.5	22.6	Bizter	25	0.75	0.75	R404A/R22/R507	Air Cooling /Water Cooling	1900*1550*2210	2100
ISN-TB100	10	65	44.6	Bizter	50	1.1	1.1	R404A/R22/R507	Water Cooling	Condensing Unit 1720*1276*2148 Tube Ice Evaporator 1450*1200*2662	3800
ISN-TB150	15	97.5	57.6	Bizter/Hanbell	75	2.2	2.2	R404A/R22/R507	Water Cooling	Condensing Unit 2450*1820*1520 Tube Ice Evaporator 1500*1300*4100	4200
ISN-TB200	20	130	64.2	Bizter/Hanbell	100	2.2	2.2	R404A/R22/R507	Water Cooling	Condensing Unit 2800*2130*2100 Tube Ice Evaporator 1600*1250*4800	5800
ISN-TB300	30	195	128.7	Bizter/Hanbell	150	2.2	2*1.5	R404A/R22/R507	Water Cooling	Condensing Unit 3500*2300*2400 Tube Ice Evaporator 1700*1700*6150	6500

* Power Supply: 380V/50HZ(60HZ)/3P, 220V(230V)/50HZ/1P, 220V/60HZ/3P(1P), 415V/50HZ/3P, 440V60HZ/3P

Direct Cooling Ice Block Machine

15Tons/day Direct Cooling Ice Block Machine

ZK series Direct Cooling ice Block Machine is a new product which is invented by Icesnow Independently. Nowaday Icesnow team always adhere to the core concept of automatic to innovate the design, to maximize customers' benefit. Direct cooling ice block machine using the industry-leading technology. Direct heat exchange between refrigerant and water, after a period of time, water in the water tank eventually frozen into ice. At this time, the control system will automatically switches to the ice-shedding mode, which applied to hot fluorine ice-shedding and faster to ice shedding. Evaporator made of aluminum plate material adopts special process to ensure that the block ice meet food standard, block ice can be eaten directly. In addition, compare to the traditional brine-way block ice making system, the unique modular design to make ice block machine occupied much less area, saving manpower and electricity.

Features:

1. Adopt PLC control, automatic water supply, automatic ice-shedding.
2. Large output capacity, fast freezing time.
3. Occupied less area, flexible moving.
4. Easy operation, low risk, low cost.
5. Block ice is clean and sanitary, and edible.
6. Evaporated directly without salt water.
7. Material of ice mold uses aluminum plate, ice making cycle is short.

Ice Weight	Ice Mould Size (mm)	Ice Making Cycle (times /day)	Ice Making Batch (hours)
10KG	95*260*500	3	7
20KG	123*280*710	6	4
	155*220*710	8	3
25KG	123*350*710	6	4
	155*280*710	8	3
30KG	155*335*710	8	3
50KG	163*405*920	12	2

Application:

Vegetable Fresh-keeping

Seafood Fresh-keeping

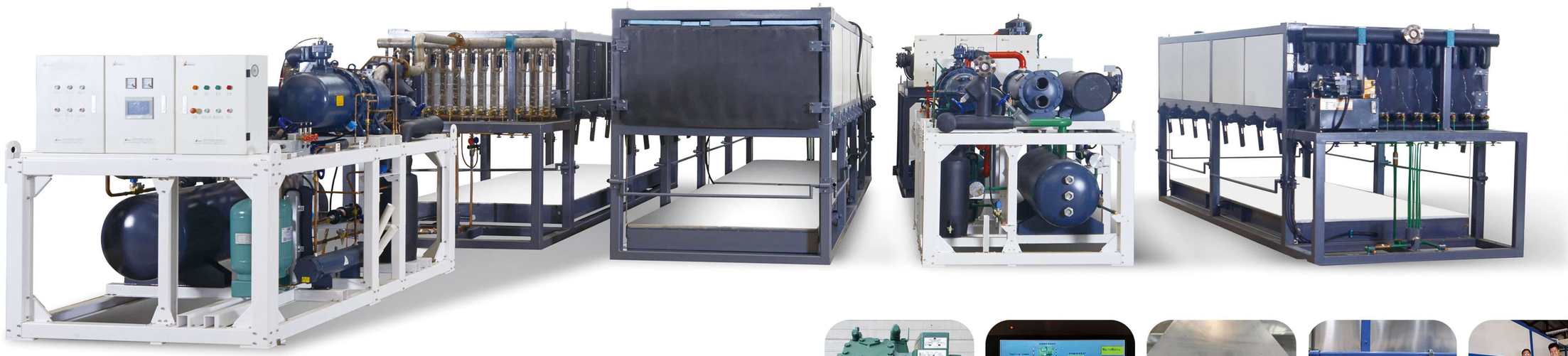
Food Fresh-keeping

Fishing Port

Industry Cooling

Supermarket

Direct Cooling Ice Block Machine



60Tons/day Direct Cooling Ice Block Machine

Compressor

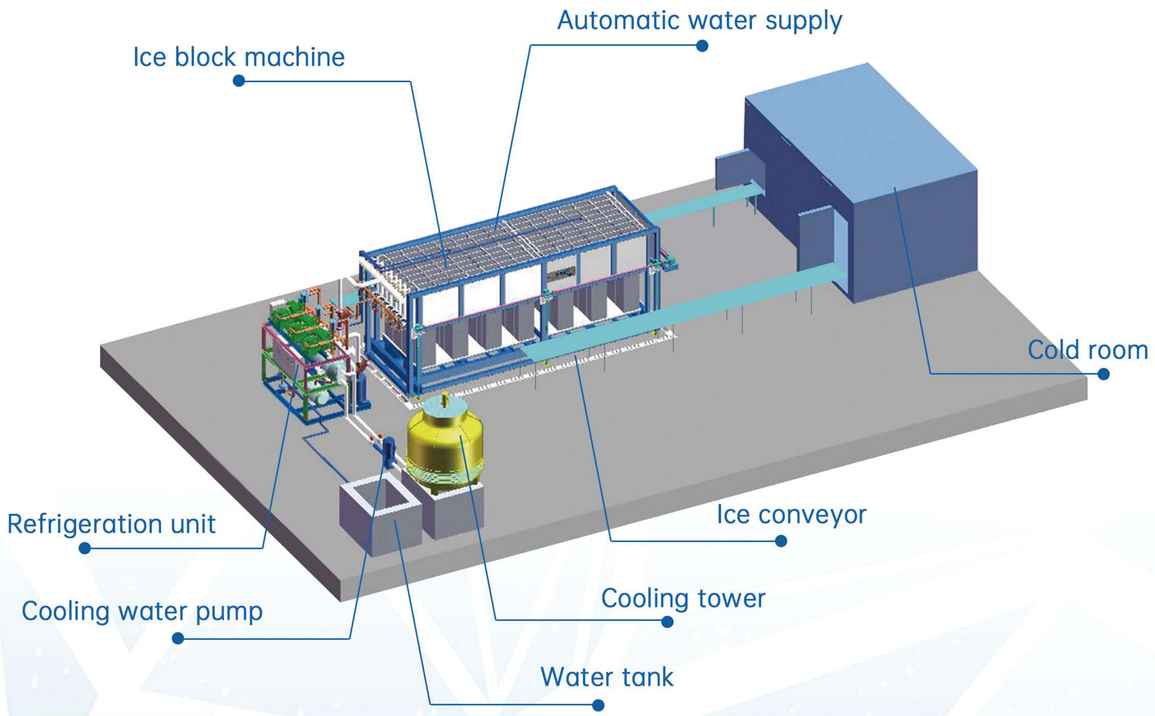
Touch Screen

Evaporator

Screw Rod

Ice Block

Water Cooling Direct Cooling Ice Block Machine

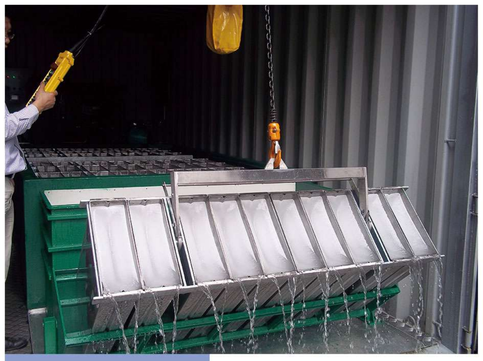


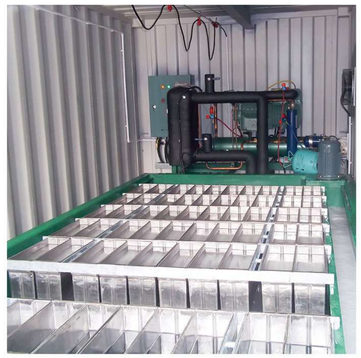
Parameter:

Model	Daily Capacity (Ton/24H)	Refrigeration Capacity (KW)	Total Power (KW)	Compressor Power (HP)	Compressor Brand	Power of Lifting device motor (KW)	Cooling Way	Ice Weight (KG)	Ice Machine Dimension (L*W*H)MM	Ice Harvest Way
ISN-ZK10	1	7.5	6	6	Danfoss	0.18	Air Cooling	25/50	3523*880*2073	Manual Forklift
ISN-ZK20	2	16.4	7.9	10	Bizter	0.18	Water Cooling	25/50	3979*1460*2050	Automatic Rising(Falling)
ISN-ZK30	3	26	12.6	15	Bizter	0.37	Water Cooling	25/50	4500*1550*2050	Automatic Rising(Falling)
ISN-ZK50	5	40	19.5	28	Bizter	0.37	Water Cooling	25/50	5320*1555*2315	Automatic Rising(Falling)
ISN-ZK100	10	80	40.5	50	Bizter/Hanbell	0.75	Water Cooling	25/50	7700*2028*2537	Automatic Rising(Falling)
ISN-ZK150	15	135	60	75	Bizter/Hanbell	0.75	Water Cooling	25/50	Condensing Unit 3120*2300*2100 Block Ice Evaporator 5650*2110*2280	Automatic Rising(Falling)
ISN-ZK200	20	187	71	100	Bizter/Hanbell	0.75	Water Cooling	25/50	Condensing Unit 4000*1950*2200 Block Ice Evaporator 9369*2200*2600	Automatic Rising(Falling)
ISN-ZK250	25	225	102.5	125	Bizter/Hanbell	0.75	Water Cooling	25/50	Condensing Unit 4000*2500*2200 Block Ice Evaporator 9200*3000*2600	Automatic Rising(Falling)
ISN-ZK300	30	268	113.5	150	Bizter/Hanbell	1.5	Water Cooling /Evaoporative Cooling	25/50	Condensing Unit 4000*2000*2200 Block Ice Evaporator (7450*2200*2500)*2	Automatic Rising(Falling)

* Power Supply: 380V/50HZ(60HZ)/3P, 220V(230V)/50HZ/1P, 220V/60HZ/3P(1P), 415V/50HZ/3P, 440V60HZ/3P

Block Ice Machine





With the accumulation of rich experience of products development and comprehensive experiment in the past decades, Icesnow launched KBJ series block ice machine according to the demand of current market. Icesnow block ice machine is a newly high-efficient block ice making product specially designed for the customers' need. The block ice machine adopt integrated design, which is very easy and simple for installation. The ice making pool of block ice machine use polyurethane foaming technology, which has good thermal insulation effect. The ice pool is designed according to fluid rheology, which has flow stability. We use environmental friendly secondary refrigerant which is better than traditional brine tank and ethylene glycol, and the characteristics of non-volatile, non-corrosive and good heat transfer effect.

5Tons/day Block Ice Machine

Features:

1. Icesnow block ice machine is compact , beautiful in shape, convenient transportation.
2. Adopt PLC control, simple operation, easy to maintain.
3. Adopt environmental protection type refrigerant, non-volatile, and the unit is corrosion resistant.
4. The block ice has high density, high cleanliness, large cold storage capacity and optional block ice size.

Parameter:

Model	Daily Capacity (Ton/24H)	Compressor power (KW)	Compressor Brand	Cooling way	Ice Weight (KG)
KBJ10	1	4	Danfoss	Air Cooling	5/10/25
KBJ20	2	8.1	Bizter	Water Cooling	5/10/25/50
KBJ30	3	10.5	Bizter	Water Cooling	5/10/25/50
KBJ50	5	18.5	Bizter	Water Cooling	10/25/50
KBJ100	10	33.6	Bizter/Hanbell	Water Cooling / Evaoporative Cooling	25/50/100
KBJ50	15	55.2	Bizter/Hanbell	Water Cooling / Evaoporative Cooling	25/50/100
KBJ200	20	63.4	Bizter/Hanbell	Water Cooling / Evaoporative Cooling	25/50/100
KBJ250	25	95.5	Bizter/Hanbell	Water Cooling / Evaoporative Cooling	25/50/100
KBJ300	30	105.5	Bizter/Hanbell	Water Cooling / Evaoporative Cooling	25/50/100

＊Power Supply: 380V/50HZ(60HZ)/3P, 220V(230V)/50HZ/1P, 220V/60HZ/3P(1P), 415V/50HZ/3P, 440V60HZ/3P

Ice Crusher Machine

Icesnow ice crusher machine is an ice breaking equipment specially designed for large ice blocks. It is simple and reliable. The machine is equipped with special ice clips and anti ice rebound baffles. The whole machine is made of SUS304 stainless steel, with strong corrosion resistance and a service life of more than 10 years.

Parameter:

Model	Size	Feeder Size (W*H) (mm)	Motor Power (KW)	Dimension (L*W*H) (mm)
IC10	5-10kg	360*290	4	1100*650*1120
IC25	20-30kg	360*290	4	1120*600*1120
IC50	50kg	460*300	5.5	1140*700*1050
IC100	100kg	550*300	7.5	1140*780*1120

* Power Supply: 380V/50HZ(60HZ)/3P, 220V(230V)/50HZ/1P, 220V/60HZ/3P(1P), 415V/50HZ/3P, 440V60HZ/3P

Low Temperature Water Chiller

With the rapid development of modern industry, the equipment and products that need to be cooled require accurate cooling temperature to ensure product quality and improve production efficiency. Icesnow Industrial Low Temperature Chiller can obtain the required cold water with its unique refrigeration system. The water temperature can be adjusted freely between 0.5 ℃ and 20 ℃, and its unique water outlet mode and large flow can meet the requirements of customers. The cooling process of the cryogenic water chiller is that the refrigerant circulates and evaporates in the evaporator to directly reduce the water with higher temperature to 0.5 ℃± 0.1 ℃ and supply it to the customer for use, without circulating cooling.

Icesnow ISW series industrial low-temperature chiller adopts PLC control system,imported screw compressor unit with large cooling capacity and temperature control system of famous brand.

It has the advantages of reasonable structure, convenient transportation, low energy consumption, reliable operation, low noise, user-friendly operation interface, intelligent fault alarm, 24-hour work without manual monitoring, fully automatic cooling water, etc. It is an ideal industrial refrigeration equipment.

Containerized Low Temperature Water Chiller

Applications:

1. Food processing industry: for meat processing; vegetables, milk, coffee preservation; bread processing; wine industry;
2. Aquatic product processing industry: cleaning of the seafood such as roast eel, shrimp and fish non-staple food during processing;
3. The dye industry: mainly used for cooling during processing;
4. Pharmaceutical manufacturing industry: cooling during pharmaceutical production and processing;
5. Large concrete project: quickly cooling the temperature of concrete for reservoirs, mining, railways, airports and other large construction projects;
6. Gelatin processing industry: mainly used for cooling to solidify it into glue.

(Patent No.: 201120240739.1)

Features:

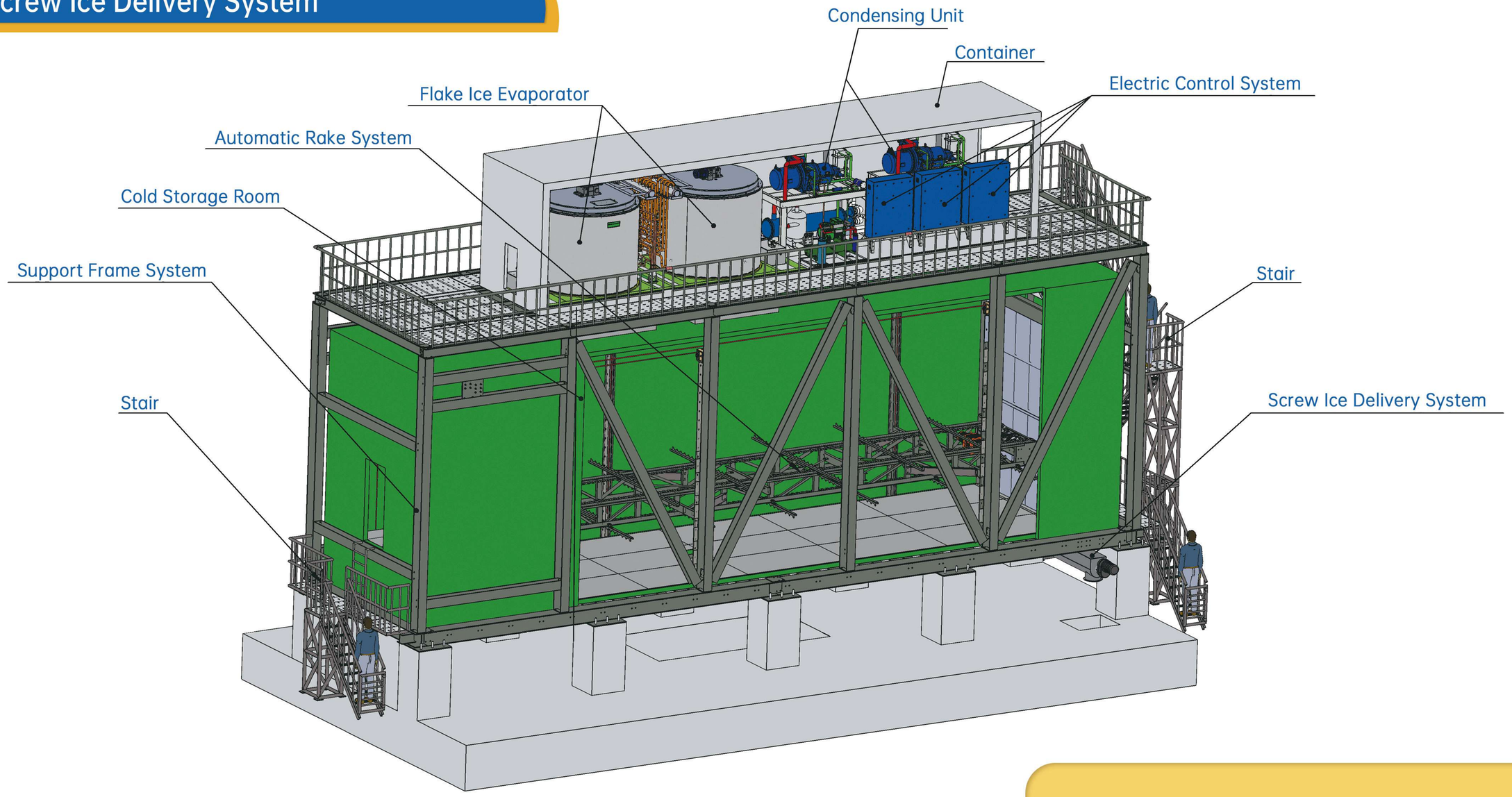
1. Water temperature can be set at random from 0.5 degrees to 20 degrees.
2. Constant water temperature: refrigeration system can automatically adjust the load increasing and decreasing of the compressor to maintain the cold water outlet temperature in certain degree based on water temperature.
3. High flow volume: the flow of water varies from 1.5m³/h to 24m³/h, which can meet the needs of customers.
4. Convenient for transport: the water chiller placed in the container (It depends on the choice of customers) for easy transportation and simple installation.
5. Energy-efficient: the water chiller unit adopts high-efficient plate heat exchanger which is more efficient in saving energy and heat exchange than shell and tube heat exhcangers.

Parameter:

Model	Daily Capacity (m³/day)	Suggested Water Tan Volume (m³)	Necessary Refrigeration Capacity (KW)	Installled Refrigeration Capacity (KW)	Coefficient of Surplus	Total Power Consumption (KW)	Cop.	Container Size
ISCW36	36	12	51.45	63.8	1.24	20.82	3	20″
ISCW60	60	20	85.75	114.4	1.3	37.5	3	20″
ISCW72	72	24	102.9	146.1	1.42	47	3.1	20″
ISCW96	96	32	137.21	194	1.41	63.2	3.1	20″
ISCW120	120	40	171.5	250.8	1.46	75.1	3.33	20″
ISCW156	156	52	222.96	313.9	1.4	96.2	3.26	20″
ISCW180	180	60	257.26	345.6	1.34	105.4	3.27	20″
ISCW240	240	80	343	475.5	1.38	139.2	3.41	40″
ISCW312	312	104	445.93	622.7	1.4	178.6	3.48	40″
ISCW360	360	120	514.53	730.2	1.42	207.3	3.52	40″
ISCW480	480	160	686.05	2*475.5	1.38	2*139.2	3.41	40″
ISCW576	576	192	823.26	2*622.7	1.5	2*178.6	3.48	40″

* Power Supply: 380V/50HZ(60HZ)/3P, 220V(230V)/50HZ/1P, 220V/60HZ/3P(1P), 415V/50HZ/3P, 440V60HZ/3P

Rake Type Automatic Ice Storage Room & Screw Ice Delivery System



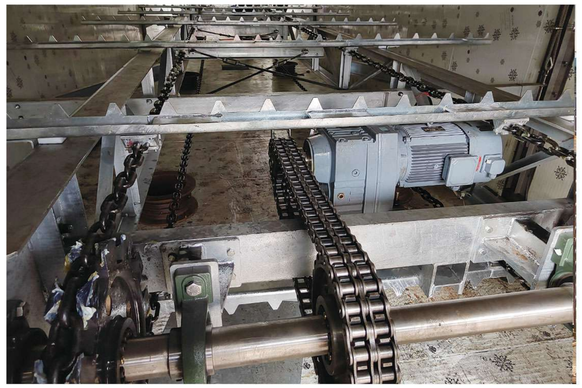
Ice Making Principe:

After the flake ice machine fall into the automatic ice storage from the ice maker's inlet, when the ice in the ice storage has accumulated to a certain thickness, the automatic sensing device of the rake system will send signals to the lifting device, and the lifting device will drive the pulley to lift the rake system. Rake system will rake the ice to the inlet area of the screw conveyor through the rake system, and then the screw conveyor will send the ice flake to the ice feeding system outside the ice storage room.

Icesnow Rake type automatic ice storage room & screw ice delivery system is a supporting system of the Icesnow refrigeration equipment. It is composed of rake type automatic ice storage room, screw conveying system and automatic weighing system. It can store 30-200 tons of ice. It is suitable for concrete mixing projects of large-scale railway, water conservancy and hydropower construction.

Rake Type Automatic Ice Storage Room & Screw Ice Delivery System

Rake Type Automatic Ice Storage Room



Rake Type automatic ice storage room is composed of an ice storage room, a lifting ice rake, a lifting ice door, an electric flat door and a horizontal screw conveyor system. The function of the automatic ice storage system is to keep the ice making of the ice making system in good condition and discharge ice automatically as required.

Parameter of automatic ice storage room:

Model	AIS40	AIS50	AIS80	AIS100	AIS120	AIS150
Ice Storage Capacity(Ton)	40	50	80	100	120	150
Size (L*W*H) (mm)	11867X4876X3200	11867X4876X3600	11867X4876X4500	14675X4876X4600	14675X4876X5300	14675X4876X6200

＊Power Supply: 380V/50HZ(60HZ)/3P, 220V(230V)/50HZ/1P, 220V/60HZ/3P(1P), 415V/50HZ/3P, 440V60HZ/3P

Feature:

1. The ice storage bin is equipped with specially-designed double thermal layers,which make the cold air in it cycle unblockedly,even though it is filled with ice flakes, keep the temperature in it -10℃.
2. The rake ice's bar, the frame use the galvanization and the stainless steel material galvanized steel frame and stainless steel frame for your option inside, without corrosion and rust for long term using.
3. Automatic induction is installed to prevent the ice rake from being imbedded by the ice.
4. There is a monitor system equipped inside the ice storage room. The camera is installed above the ice room door and screw delivery for monitoring the running status inside the ice storage room.
5. Inside the ice storage room, there is balance detector for ice raking device, ice full detector for horizontal screw and ice storage and related protection device.

Screw Ice Delivery System

Screw ice delivery system can deliver the ice discharged from the ice storage room to the designated position.

1. It device is made of galvanized and stainless steel materials;
2. It device can operate vertical and horizontal delivery;
3. It can deliver ice to two targets at the same time.

Parameter of screw ice delivery system:

Model	LXS10	LXS15	LXS20	LXS25
Delivery capacity(Ton)	10	15	20	25
Pipe Diameter (mm)	250	300	300	350
Obliquity (°)	0 ~ +30	0 ~ +30	0 ~ +30	0 ~ +30

＊Power Supply: 380V/50HZ(60HZ)/3P, 220V(230V)/50HZ/1P, 220V/60HZ/3P(1P), 415V/50HZ/3P, 440V60HZ/3P

Automatic weighing system:

The automatic weighing system can be used in places where ice are accurately measured. The system is equipped with a pneumatic door with a sensor, which can accurately calculate the weight of ice.

GLOBAL PROJECT CASES

PHILIPPINES
30Tons/day Direct Cooling
Block Ice Machine

VIETNAM
20Tons/day Direct Cooling
Block Ice Machine

MOZAMBIQUE
10Tons/day Flake Ice Machine
& Ice Storage Room

KOREA
20Tons/day Cube Ice Machine

ISRAEL
50Tons/day Flake Ice Machine

ARGENTINA
20Tons/day Tube Ice Machine

YEMEN
10Tons/day Direct Cooling
Block Ice Machine

ANGOLA
60Tons/day Flake Ice Machine
& Ice Storage Room

INDONESIA
320Tons/day Flake Ice Machine

CONGO
50Tons/day Flake Ice Machine

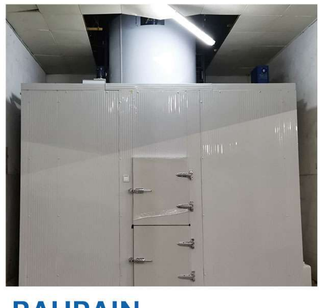
AUSTRALIA
30Tons/day Flake Ice Machine

BRAZIL
5Tons/day Block Ice Machine

POLAND
3Tons/day Ice Cube Machine

FRANCE
80Tons/day Flake Ice Machine

PERU
30Tons/day Direct Cooling
Block Ice Machine



BAHRAIN
15Tons/day Flake Ice Machine
& Ice Stroage Room