



TUBE ICE PLANTS

Icelings - Tube Ice Plant

Tube Ice - The most efficient technology to make clean and instant ice!

Icelings is a well-known leading manufacturer, supplier & exporter of Tube ice plants, ice storage and conveying systems and has been providing turnkey solutions to Manufacture, Store and Convey tube ice for over 20 years.

Apart from offering a complete range of tube ice plants from 3.5 ton per day to 125 tons per day, Icelings also customizes each plant as per customer's requirements and space constraints. An ISO 9001 certified company with a state-of-the-art infrastructure and dedicated support engineers and technicians, Icelings has become the preferred choice for customers in a variety of industries worldwide.



Range of Plant to select from –

Model	P119	P119A	P19A	P19 X	P25A	P25X	P35A	P35X	P48A	P48X
Capacity (Ton Per Day)	3.5	5	10	15	20	25	40	60	80	125
Tube Ice Size	Diameter 35mm - Ice Length - 35 mm									
Cutter Motor - HP	0.5	0.5	0.5	1	1	1	2	3	5	5
Chilled Water Pump - HP	1	1	1	1	1.5	1.5	2	3	5	5
Compressor Motor - HP	15	25	50	60	75	100	125	200	250	400
Condenser Pump - HP	2	2	3	5	5	7.5	10	20	20	30
Cooling Tower Fan - HP	1	1	2	2	2	3	5	7.5	10	15
Feed Water Pump - HP	0.5	0.5	0.5	0.5	0.5	0.5	1	1	1.5	1.5
Total HP	20	30	57	70	85	114	145	235	292	457
Total KW	15	22	43	52	63	85	108	175	217	341

Refrigerant - Ammonia or Freon. Capacity is Ton per 24 Hour day (TPD). .

Design Parameters - *Ambient Temp : +35° C, Average Evaporation Temp : - 10° C, Condenser Temp : +40° C

Make up Water Temperature : + 30° C

Also Available as option

- PHE/Evaporative Condenser
- Low-side Ice Maker (Evaporator)
- Ice Maker in Stainless Steel Construction
- Ice Watch - Remote Performance Monitoring System
- Containerized Tube Ice Plant
- Automation as per specifications

World Class, World Wide



Icelings
Installations

Why Choose Icelings?



We Promise

- Superior Design
- Built to Last - Superior Grade Materials Used
- Internationally Certified Process (ISO-9001)
- Trouble Free Operation
- Energy Efficient



We Perform

- Experts who built World's Largest Tube Ice Plant
- More than 300 Installations worldwide
- Proven & Tested in every industry segment



We Care

- Dependable After Sales Support
- Option to Train operators in our Tube Ice plant of 200 tons per day
- Internet & SMS Based Monitoring and Support System



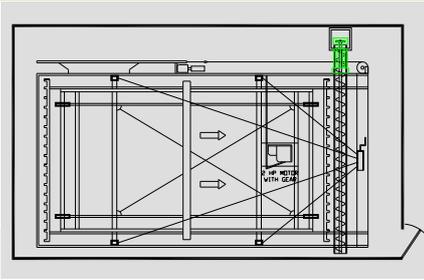
We Move - Hands Free

- Conveyors to move Ice through production Process
- Automated Storage & Deliver System
- Automatic Bagging System

Valuable Patronage

Icelings Tube Ice Plant is the number one choice for a variety of industries due to its compact design, efficient performance and easy operations. Our patrons belong to varied industries. Substantial part of our business comes through repeat customers and references of satisfied clientele. Our number one priority is to provide our patrons with an efficient, safe and easy to operate Tube Ice Plant.

Complete Solution



Icelings - Ice Storage and Delivery System

Ice Storage and Delivery System - Icelings Ice storage and delivery system is ideally suited to store up to 100 tons of ice. Automated PLC controlled system uniformly levels and distributes and the ice. The system discharges ice via screw conveyors as per requirements. These systems are available in the capacities ranging from 20, 40, 75 and 100 Tons storage capacity. We can also supply with customized PUFF insulated and/or refrigerated rooms.



Icelings - Live Bottom Bin - LBB

The Live Bottom Bin is ideally suitable to store ice up to 10 Ton and has a unique design with the first in-first out principal.



Icelings - Stainless Steel Ice Storage Hopper

Available in the capacity of 250 KG to 2500 KG, these stainless steel hoppers are ideally suited for ice storage for shorter durations.



Screw Conveyor

Designed to convey the ice efficiently our screw conveyors are available in Galvanized Steel or Stainless Steel construction and offers capacity as per customer requirements.



Ice Crusher

Crush Tube Ice with Ice Crusher. Available in Stainless Steel Construction with online version to be fitted directly onto screw conveyor to crush tube ice online. Also available in stand alone version.



Semi Automatic Ice Packing Machine

Our stainless steel packaging machine automates the ice packing operation and volumetrically fills the icebags of 5, 10, 20 Kilograms. It can fill up to 2500 Kilograms of tube ice per hour with a single labour involvement. The machine is completely stainless steel and thus, assures highest levels of hygiene.



IceWatch Remote Performance Monitoring System

Now you can monitor your Icelings Tube Ice plant from anywhere in the world with our customized web-based smart Ice Watch Remote performance monitoring system. IceWatch monitors the functioning of the plant and notifies when parameters cross set limits to facilitate corrective action. IceWatch captures as well as transmits data onto a central server which generates actionable reports.



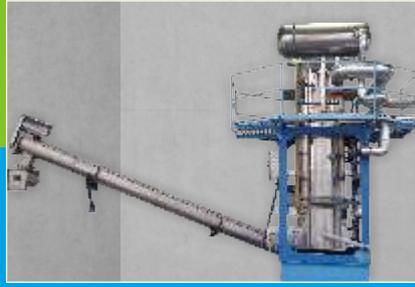
Containerized Tube Ice Plant

Unique compact containerized modular design. Complete tube ice plant and ice storage system housed in containers. These plants are ideally suited for RMC sites, fishing harbors and remote operating environments. Plant can be operated with DG set. No need for expensive civil construction.



Block Ice Press

Icelings offers hydraulic block press which can compress tube ice into block ice in capacity ranging from 5kg to 25kg.



Chemical Industries

Leading dyes and intermediates manufacturers, OBA, Food color and chemical manufacturers use Icelings Tube Ice plant for process temperature control. Because Tube

Ice is easy to produce, store as well as extremely simple to convey, it has replaced flake and block ice as the most preferred choice.



Chicken Processors

For Chicken processors, maintaining the temperature of the bird till its final packing is extremely crucial. Leading chicken processors use Icelings equipment to produce high quality tube

ice to preserve the quality of chicken. Customers select our Tube Ice plants due to our adherence to stringent International norms. Our compact design makes for very easy installation within the factory area.



Seafood Processors

Seafood when stored at the correct temperature lasts longer and does not lose its freshness. Leading seafood exporters use Icelings Tube Ice Plant to produce tube ice so they can easily

preserve the quality of seafood for longer durations. A significant reason for them to choose Icelings Tube Ice is because the plant produces the most hygienic ice as required by stringent International norms. Its compact design also saves substantial ground operating space.



Bakery Industry Application

Bakery products are produced in huge quantities and the entire procedure requires very high hygienic standards. Temperature control during the dough

mixing process is critical to the final quality since the heat of hydration needs to be controlled to ensure the right consistency and form. During the mixing procedure, bakeries use tube ice to achieve the right consistency. Icelings Tube Ice is a favorable choice of several leading Bread manufacturers due to the hygienic quality ice and our compact design.



Ready Mix Concrete

On mixing cement used in concrete with water heat is liberated which is known as the heat of hydration formed by the exothermic chemical reaction between cement and water.

After the curing the concrete cools down again reducing its volume and thus naturally causing cracks eventually. These detrimental effects can be offset by cooling the aggregate using ice in place of water in the mix of cement and aggregate. The Icelings containerized version has the complete tube ice plant housed inside containers making it is very popular with the RMC industry. The containerized design makes the movement of the ice plant easy from one site to another whenever necessary.



Retail Ice

With the ever increasing health awareness, tube ice is becoming a choice of health conscious customers the world over. Our plants manufacture using treated mineral water with the assurance

of no contamination during the ice making process. The packing, storing and distribution of tube ice is easier than conventional block ice without the maintenance and wear-and-tear of traditional block ice plants. Icelings Tube Ice plants with their compact design, lower maintenance costs and flexible operations, allows existing block ice plants owners to shift their operations to Tube Ice for long-term business success.



Office & Ice Plant

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