



Geneglace
ice generators and ice equipment
Solutions for ice management

Take a lead with Geneglace ice management solutions

Wherever you need clean and fresh ice: GEA ice management equipment delivers it exactly as needed – at all times and always at competitive costs.

Our ice machines provide exceptional reliability in keeping foods chilled during production, transport and display throughout the day. Their flexible, robust design suits numerous applications, from indoor ski slopes to mine cooling.

When ice is critical to your business, Geneglace gives you decisive economical advantages:

- Especially reliable operation with guaranteed performance capabilities
- Durable design for long service life and retained value
- Extremely hygienic ice production possible where required
- Environment-friendly operation with only few moving parts

Complete ice management

Ice cannot always be produced exactly when and where it is needed. Our systems, especially our storage and handling solutions, are perfectly adjusted to cover the entire ice management process.

- Ice production – stand-alone or plug-&-play flake ice machines are available for small and large applications.
- Ice storage – a wide range of solutions offers the most efficient choice that is relevant to your process.
- Ice delivery – distribute ice at any distance relevant to your process from production point to the place of consumption.

The right solution for every application

From five decades of experience in ice generation technology, Geneglace experts command a deep knowledge of all commercial and industrial applications.

We offer the largest range in the market for any customer process in any field of application.

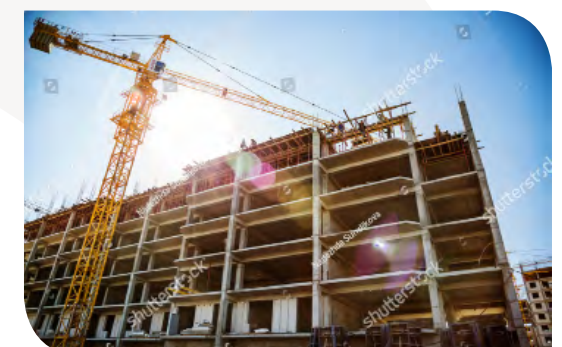
- Fishing
- Bakery
- Meat processing
- Vegetable food processing
- Supermarket displays
- Beverage cooling
- Leisure parks & venues
- Mine cooling
- Chemical industry
- Concrete industry

World-leading technology from Geneglace

Geneglace is one of the largest suppliers of process technology for the food industry and for a wide range of other industries. As an international technology group, the company focuses on worldleading process solutions and components for sophisticated production processes.

Geneglace ice machines are the best-in-class for operators, consultants, dealers and distributors worldwide and the bestselling ice generation solutions. Each ice machine benefits from over 50 years of experience.

Easy to run and connect, long product life time, low Total Cost of Ownership, high ice production accuracy and perfect ice quality are the keywords with our solutions.



GENEGLACE IS PROVIDING ICE HANDLING AND STORAGE SOLUTIONS TO COMPLETE THE ICE PRODUCTION PROCESS.

Ice production

Our wide variety of flake ice generators has been designed for continuous 24/7 operation under most challenging environmental conditions.

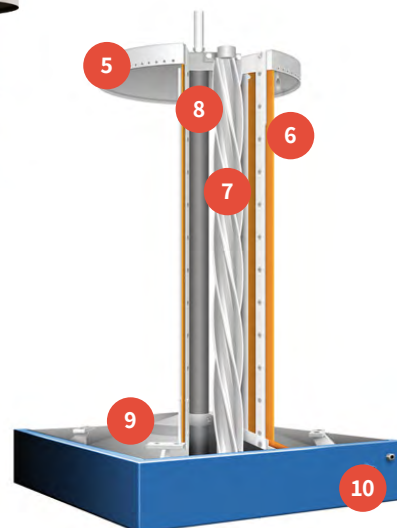
With a vast range of available machine types and configurations, we provide flake ice solutions for any required capacity and operating environment in commercial and industrial application:

- Flake ice for direct use or conversion into block ice, liquid ice, powdery ice
- Capacities 300–50,000 kg/24h
- Commercial or industrial use
- Ambient temperatures 5–35 °C
- Fresh water or seawater
- Refrigerants R404a, R717, R744, R449A, R407F and more



Ice generator

The design of all Geneglace ice machines is based on a stationary cylinder with few moving parts and no rotary seals. All motion is slow and smooth, requiring little energy and maintenance.



- 1 Gear reducer & torque limiter
- 2 Stationary drum
- 3 Liner with injected insulation
- 4 Dry and sub-cooled flake ice
- 5 Upper water distribution tray
- 6 Vertical deflector for rubber wiper
- 7 Helical reamer
- 8 Revolving central shaft
- 9 Lower water collection tray
- 10 Insulated base

Special solutions and packaged systems

For various fields of applications, Geneglace ice machines are available as complete plug-&-play packs or as stand-alone ice generators with remote refrigeration.

ICE PACKS

These plug-&-play units include both the ice generator and the refrigeration system with a compressor and condenser – ready to start producing ice immediately after connection to water and power supplies.

SPLIT PACKS

Remote installation of the refrigeration system (up to 20m) while the ice generator is located in the factory, close to where ice is needed for the production process.

ON-BOARD SOLUTIONS

These ice generators are designed to tolerate the rocking and pitching of the vessels as well as to withstand the particularly corrosive marine environment.

HYGIENIC SOLUTIONS

Designed with a stainless steel cylinder and stainless steel water path, these machine types are specially designed for food processing with high hygienic standards.



ICE PACK:
GENEGLACE PACK 23



STAINLESS STEEL PACK 6100

Ice storage & ice delivery

Storage

A Geneglace ice storage system is the solution of choice in a number of situations :

- Irregular ice requirement with fluctuating peak times
- Large amounts of ice needed in a very short period of time
- Large amounts of ice needed at several consumption points simultaneously
- Inexpensive off-peak electricity calls for ice production e.g. in the evening
- High temperatures at consumption point accelerate ice melting

A good storage system means fast delivery to users. Geneglace customers can choose from a large range of storage solutions to get the most efficient system for their needs – manual or automated.

Manual ice storage

Geneglace manual storage ice bins are made from polyurethane foam or stainless steel.

Fully-automated ice storage

Geneglace offers orbital silos to store flake-ice in ideal hygienic condition for easy and automatic discharge on demand. The first-in-first-out principle ensures fresh ice across the entire consumption period.



MANUAL ICE STORAGE: ICE BIN

Delivery

With our delivery solutions it is easy to deliver ice across any distance into the processing or display unit where it is needed.

Screws or conveyor belts allow high-speed ice transport from the ice generator or storage system to the consumption point.

Weighing components are included in our product portfolio to complete our delivery systems.



ICE DELIVERY AND WEIGHING SYSTEM: SCREW CONVEYOR



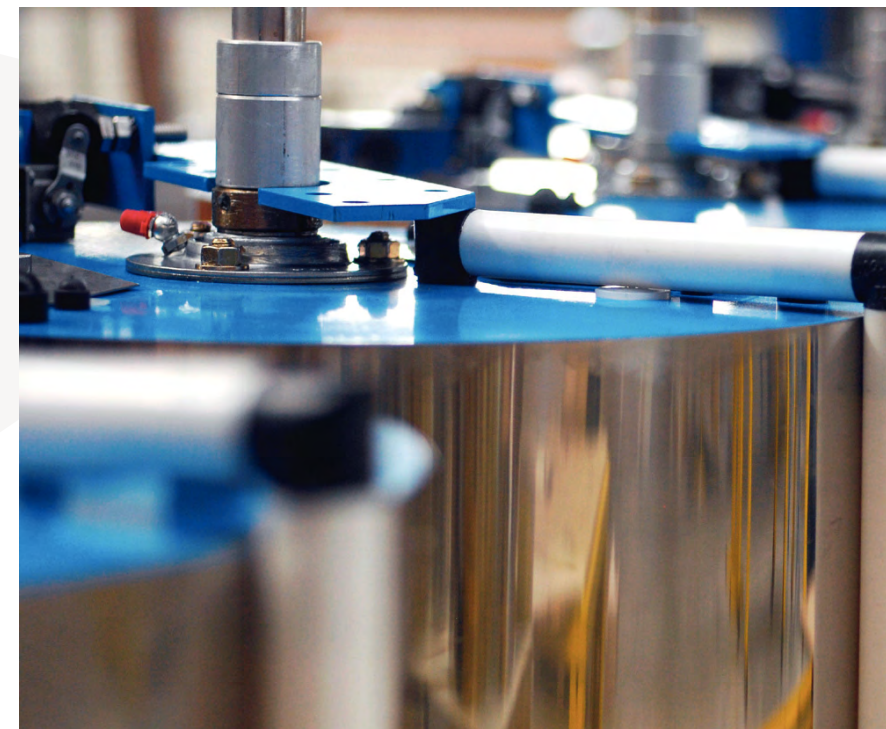
FULLY-AUTOMATED ICE STORAGE: ORBITAL SILO

Worldwide on-site service from turnkey plants to spare parts

Around the world, our vast network of distributors and contractors provides the necessary support with all ice machine installations.

Turnkey solutions from our experts cover complete ice plants for smaller to larger capacities, including ice generator, storage system and optionally the refrigeration system (condenser and compressor). These economical solutions are easy to set up and install on site, sheltered from wind and rain.

Spare parts and maintenance work are available in a minimum of time through our distributor network. Geneglace can offer you a range of optional service agreements for care-free monitoring and maintenance of our solutions.





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