

# HOTEL



**Scotsman<sup>®</sup>**  
*Ice Systems*







On the beach  
or at the pool!

For Convention Hall  
or External Catering

In the Lounge Bar, Piano Bar  
and Night Club

In response to erratic occupancy levels and growing competition, coupled with higher Guest expectations, the Hospitality Industry is continuously striving to improve its quality standards, worldwide. Distinguished and cosmopolitan clientele are nowadays keen on finding the same "global standards" in the level of service during their sojourn. Abundance and appropriate selection of the best quality ice has been a high ranking "member" of such list of key hospitality quality indicators in the Hotel Industry for many years...!

For the Room Service

In buffet-style or  
"à la carte" restaurants

# Hotels: excellence in hospitality is in the details!

Food and Drinks freshness, alongside with an impeccable presentation, must rely on **appropriate and generous usage of ice** in any of the Hotel facilities where Guest takes advantage of the Hotel's Foodservice offerings.



In the Hotel, **ice is used continuously throughout the day:** in the Buffet and "à la Carte" Restaurant, in the Lounge Bar, in the Spa and in all the Outdoors Activity Areas refreshments centers, for the Room Service ...

"Ice" is today a synonym of "quality" e "Passion for the Customer". It is therefore relevant to fully understand various ice-types available, as well as the various types of ice machines, each one dedicated to producing an individual type of ice.

In fact, **there is a specific type of ice for each application.** It is not by chance that water is frozen in various shapes and forms: Cubes (in different shapes and sizes), Granules (more or less compressed, hence moist or dry, called flake and super-flake), Compressed (up to 92% of frozen water, called nugget and cubelet), and, last but not least, sub-cooled Scale ice, the most "technical" of all ice shapes available today.

Each ice form melts, and therefore subtracts heat from the product it is in contact with, over a different period of time and with different results in terms of product hydration.

It is a fact that many Foodservice and Hospitality experts could make good use of a "brush-up" regarding the **physics of ice and its correct utilization.**

In this "**Scotsman Buying Guide**" the reader will be able to acquire enough information to discern amongst various types of ice and amongst the various ice machine technologies and configurations that lead to a

specific ice-type production. Scotsman Ice Systems is the manufacturer that offers the **greatest variety of ice forms**, as well as of **ice machines, in the world.**

We like to group them by types of ice, production capacity, storage capacity and configuration, and technical specs, amongst which the way the condenser cooling method is the most meaningful one.

This large variety of models allows **the greatest freedom in the selection of the most appropriate model of ice machine**, unhindered by technical or commercial limits, and supported by our **worldwide distribution and after-sales service network.**

**Our organization, strong of 60 years of experience in ice machine manufacturing, is ready to listen to you!**



**Scotsman**  
Ice Systems





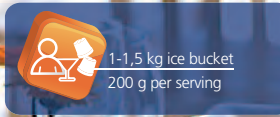
# Scotsman offers specialized solutions for the appropriate quality and needed quantity of ice for each Hotel foodservice venue.

Hotel catering services are the **perfect tool to complement any standard of hospitality offering, and defining the Guest Services level and attractiveness**, more so than just providing the convenience of “on-premise” meals.

**Catering services** are by all means one of the Hotel main **profit centers**, extending the foodservice activities well beyond the registered Guests, but rather aiming to be one of the community catering venues of choice for every social event or party - from an intimate family brunch to a lavish wedding party.

**From Casual Dining to Stellar Cuisine**, warm, intuitive services become an integral part of Hotel catering services.

**Highly accomplished staff and a commitment to quality and customized service complement the signature dishes** prepared by the many **Executive Chefs** of different nationalities and cuisine styles.



The dining choices vary in each Hotel, but food & beverages are normally available in one or more of these venues: Breakfast - Lunch - Dinner Lounge, Snack Bar, Outdoor Kiosks, Business Meal Packages, VIP Lounge Buffet, Buffet Restaurant, Ethnic Restaurant & Fine Dining Restaurant.

**Whichever the restaurant style, scrupulous attention to quality and to food & beverage presentation will need ice to start off!**

**Ice will maintain food sanitary temperature and freshness, enhancing its eye-appeal and mouthwatering appearance, as well as chilling and maintaining beverages at their perfect serving temperature.**

Scotsman recommends **three different types of ice to cover the entire spectrum of food offerings: Gourmet cubes, Flake ice, and Nugget or Cubelet ice.**

**Gourmet cubes** will be used to chill the Aperitive, Mineral Water, Ice-teas, Cola's and Cocktails.

The white wines or champagne ice-bucket will need **either Gourmet cubes or any of the Granular ice types, Flake or Nugget.**



Gourmet Cube



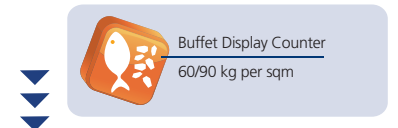
Flake ice



Nugget & Cubelet ice

The fresh food, buffet-style displays will be prepared using **Nugget ice**, as it has a longer shelf-life, and being white in color it enhances food “eye-appeal”. No matter which ice is chosen, **the golden rule is to be generous in the amounts**, in particular when presenting delicate food products such as seafood, crustaceans, tropical fruits and so forth.

**Scotsman ice is the primary “ingredient” of any quality food & beverage creation!**



**Scotsman**  
Ice Systems





# Scotsman offers specialized solutions for Kiosks, Bars & Lounges.

Lounge Bars, Coffee Bars, Cocktail Luges, Wine Bars, Pool Bars, Fitness Bars, Sports Bars, Dance Bars, Nightclubs and Discotheques: all these are **venues where quality drinks are served to discerning Patrons.**

There are **clear and well-known rules** that must be followed in order to serve a quality drink, the first and foremost being the appropriate usage of ice: quality **ice cubes**, crystal clear, massive and slowmelting for all single malt spirits, cocktails, non-alcoholic beverages and fruit juices, mineral waters.

**Crunchy Nugget ice** for all Tropical Drinks & Cocktails, as well as bottled drinks (beer, wines & champagnes) presentations.

All revolves around the **serving temperature of each drink**: cooled or chilled, a **"perfect serve"** must remain at the **best serving temperature throughout its service and consumption**, hence **abundant quantities of slow-melting ice cubes**, such as Scotsman Gourmet cubes, **are required.**

Bottled or canned drinks are best offered in **ice-buckets, or ice filled canisters**, where ice is poured to chill the drinks before, during and after the service, providing the Guest with the **best possible hospitality experience** whether at the Restaurant table, at the Pool or Garden Bar, or on the Golf Course, **just wherever Guest meet and spend time together.**

While the level of service to the Guest is of capital importance, it's appropriate that we point out that **ice is the best way to healthy profits**: higher beverage consumption and returns come from greater selection of drinks, better drink presentation, quality driven repeat purchases, and, last but not least, **beverage displacement obtained through the expert usage of ice!**



Gourmet Cube



Flake ice



Nugget & Cubelet ice


**Your beverage menu is part of your Customers' delight.**

Let the largest and most experienced ice machine manufacturer in the world assist you in **choosing the best ice to meet your Guests' highest expectations: Scotsman Ice Systems!**



 200 g per serving



 Cocktail  
150 g per serving

**Scotsman**  
Ice Systems



# Scotsman offers specialized solutions for Meeting & Congress venues

Hotels are the perfect gathering place, whatever the reason. A **congress, conference, meeting, corporate event. Or a family reunion.** A gala banquet or reception.

From a private dining room, to outdoors settings, imaginative Hotel menus may cater to special tastes, dietary needs or cultural cuisines. In desirable destinations and versatile facilities, any business meeting or private celebration will benefit from customization, with creative flair, tailored arrangements and customized menus. Skilled planning and supervision of every detail is required to assure the success of the event.

Hotels may provide conference facilities in various sizes, but inevitably **the number of Guests will soar during such occasions.** As a consequence, Hotel personnel and facilities will be stressed in their daily operations, just like all of the foodservice equipment.

**Large volumes of beverages will need to be chilled to appropriate serving temperatures,** and maintained cool throughout the service. The Hotel **refrigerators and cold rooms** can only be a part of the solution, as they are usually insufficient in **their number and already occupied by foodstuffs.**

That's when **ice comes to the rescue!**

It is the **most practical form of refrigeration to transport and differ in its utilization, the most economical and the fastest one, too.** A few minutes within a water and ice bath and each drink will be ready to be served at the appropriate temperature. Needless to say, an ice filled "boule" is the most appealing way to present beverages for self-service during meeting breaks!

To manage the ice consumption for the entire duration of the Congress, the Hotel needs to be equipped **with modular ice makers** (best if capable of producing Gourmet cubes), **with an oversized storage bin and wheeled carts.**



Gourmet cube

This way, **ice production is accumulated during low demand periods, and is available during the short timeframe of a Congress.** In addition, the Hotel staff will be able to wheel the ice cubes to the congress facilities, effortlessly.

Such an ice system configuration is a good example of **investment optimization "best practices":** the cost of a high-capacity ice machine, that is fully utilized only a few weeks of the year, versus the cost of a larger ice storage bin that will accumulate the lower daily production of a lower daily production capacity, and less costly ice maker, for a longer period of time, is approximately 3 to 1 ...! The same principle applies to the other shapes of ice, Flake, Superflake, Nugget or Cubelet.



**Scotsman**  
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# Scotsman offers specialized solutions for Room Service and Hotel floor self-service ice supply.

One of the pleasures of staying in a Hotel is being able to use the in-house phone and have food delivered right to your room.

After a long day of meetings, or sightseeing, one can unwind with a warm meal without having to get dressed for Dinner. To further nurture this trend, synergies are developing between the in-house restaurant and in-room dining services.

Hotel Chefs are adding their own gourmet-touch to traditional room-service items like burgers and salads, as well as expanding in-room menus with dishes from the on-site restaurant. As a result, Guests find that room service is an integral component of the overall Hotel food-and-beverage proposition.

Healthy eating habits also take advantage of the lighter and possibly organic food offerings on the in-room menus. Where food comes from, how it is prepared, portion size and calorie count, all these seem to matter for the Guests.

The best ice to complement the high-profile, In-room meal is the slow-melting Scotsman Gourmet cube.

Its crystal-clear purity, massive appearance and perfect round shape provide the finest drink ingredient any Hotel or Restaurant may choose for their Guests.

Scotsman offers a large variety of Gourmet Cube making ice machines, covering all aspects of a Hotel requirements, from size, to production and storage capacity.

Hotel ice machines are also found on each floor, meeting the ice needs of self-catering Guests or providing additional quantities of ice on top and beyond ice cubes supplied by the In-room dining services.

Scotsman offers many modular ice machines with matching ice storage & dispensing bin, stand-alone ice dispenser or even stand-alone ice and water dispensers.

Sleek stand-alone, Gourmet cubes dispensers with "Touch-free" technology, large storage capacity modular dispensers, serving buckets of dice cubes at the push of a button, counter-top and water dispensers, catering to single-portion users: Scotsman has it all!

Sound-dampening materials are used in all of Scotsman ice machines, because chilled beverages do not need to be heard across the hotel corridor, let alone to the Guests rooms adjacent to the ice maker.

Whether a Family-style Hotel, or a Five Star Deluxe Property, quality ice from the widest range of "Hotel Approved" ice machines selection is just a phone call away, with Scotsman Ice Systems!



Gourmet Cube

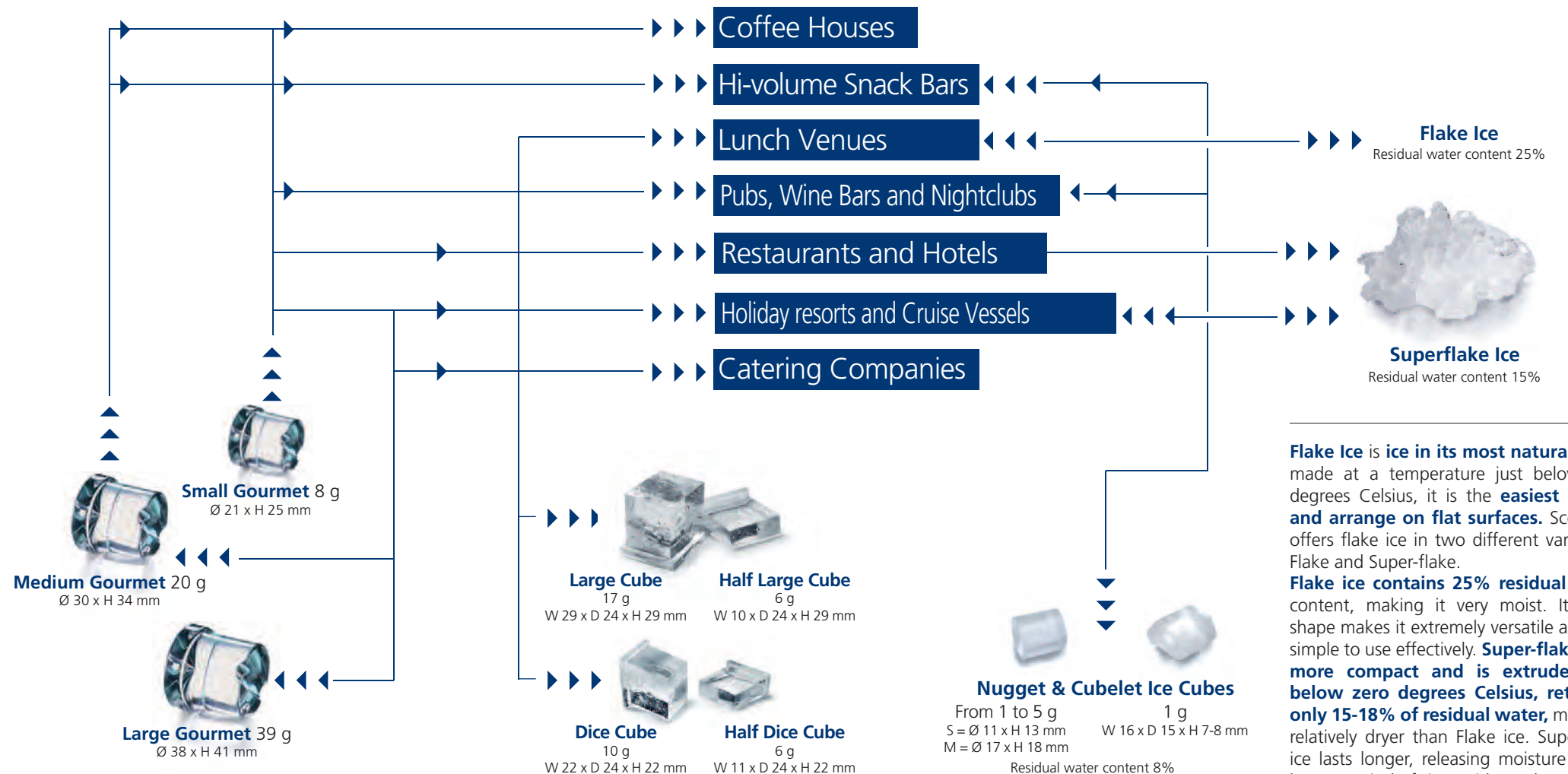


Scotsman  
Ice Systems





# Scotsman : "specialized" ice



The Scotsman thimble-shaped, patented 'Gourmet' ice cube is **pure, hard, compact (with no holes), crystal clear and slow melting**. Its fast chilling action and slow dilution make drinks taste better and **greatly enhance drink appeal and quality**.

Gourmet ice cubes are formed by spraying water onto a subcooled horizontal evaporator. While the purest water molecules - the first to freeze - form the ice cubes, oncoming spray water washes away unfrozen water minerals that would otherwise start clouding the forming ice. They instead fall back in the water sump, and are removed with the water that is flushed out prior to starting a new freezing cycle.

**The Gourmet cube is therefore purer than the water that it is formed from!** With three different sizes and weights Scotsman offers a wide range to choose from and a type of ice to meet any requirement in terms of ease of use and quality results.

Scotsman has been one of the key players in Countries outside the US for the diffusion of the square (dice) cube. **The cube**, with its six sides, allows for an **excellent heat exchange contact surface**, hence, fast chilling of all drinks. The dice cube adapts very well to **any size and shape of glass**. The vertical evaporator, well known and appreciated, allows to obtain high levels of production at reasonable operating costs.

The Vertical Cube evaporator technology, which has been recently upgraded to **meet and exceed stringent water and electricity consumption limits**, is found on Scotsman MV & MV Prodigy Series. It guarantees **excellent operating performance under any circumstances, even in very "hard" water conditions**.

Equipment Lifetime operating costs are reduced to a minimum through excellent engineering and final design of these units.

**Nugget and Cubelet** ice cubes are made from compressed flakes of ice. The result: convenient micro-cubes for multiple uses, in place of standard cubes or as **small, long-lasting ice nuggets - hygienic and easy to use**. Scotsman applies this technology in all its ice dispensers in the MDT - TC - NVT lines, where the needs to have **fast ice dispensing and avoid ice manipulation** find a great solution! Nugget & Cubelet ice cubes are **excellent when used in conjunction with carbonated drinks**: in fact, they form an ice cube layer that floats at the drink surface, thus separating the drink itself from the environment and avoiding its premature oxidation. Micro ice-cubes are today **so well accepted and in demand** that stores on various segments proudly feature them as an indication of the level of quality offered to their customers!

**Flake Ice** is ice in its most natural form, made at a temperature just below zero degrees Celsius, it is the **easiest to use and arrange on flat surfaces**. Scotsman offers flake ice in two different variations: Flake and Super-flake.

**Flake ice contains 25% residual water content**, making it very moist. Its flake shape makes it extremely versatile and very simple to use effectively. **Super-flake ice is more compact and is extruded just below zero degrees Celsius, retaining only 15-18% of residual water**, making it relatively dryer than Flake ice. Super-flake ice lasts longer, releasing moisture over a longer period of time without the need for ice replenishment on the display counter.

**Applications** for Flake and Super-flake Ice are **multiple**: fish display counters in fine dining restaurants; buffet displays in hotels, frozen drinks preparation, fresh fruits and fresh produce presentations; fast chilling of wine & champagne and so on.

**Scotsman**  
Ice Systems



# Gourmet cube ice machines



**Gourmet Cube ice:  
the best ice cube there is!**

To serve the **perfect drink**, ice cubes should crystal clear, pure and compact. Crushed ice or cubes with a hole will melt much faster due to their increased heat exchange surface area. The Gourmet ice cube - the most compact of all ice cubes - will last in the glass way past the end of the drink, with **less dilution and greater customer satisfaction**.

## Hygiene & Cleanliness



Hygienic scoop holder inside the ice bin.

## Adjustable Legs



Adjustable legs allow height variation and leveling on uneven surfaces.

## Control Dashboard



Visual alarm for scheduled routine maintenance. Front panel ON-OFF switch.

## AC/EC "6 - Series"



## Anti-Microbial



Anti Microbial System protects the ice cubes in the storage bin.

## Patented anti-scale system



The anti-scale system allows for easy removal of scale deposited in a rubber cap.

## Preventing dust and grease accumulation



Removable Condenser air filter, with front access for ease of cleaning.

## Technology

**Anti-microbial system in the ice bin**  
Multiple species of microbes are part of every environment in varying proportions. Scotsman helps prevent their proliferation beyond tolerated limits. The use of an efficient, foodsafe antimicrobial agent, contained in a pouch positioned on the inner side of the sliding bin door, creates a barrier against the potential nestling and subsequent proliferation of these micro-organisms. This pouch releases a vapour that creates an invisible "film" on the surface of the bin, on the scoop and on the ice. This film immediately vapourises when the ice meets the air outside of the bin. To safe-guard the efficiency of the system, the pouch needs replenishing on a monthly basis.

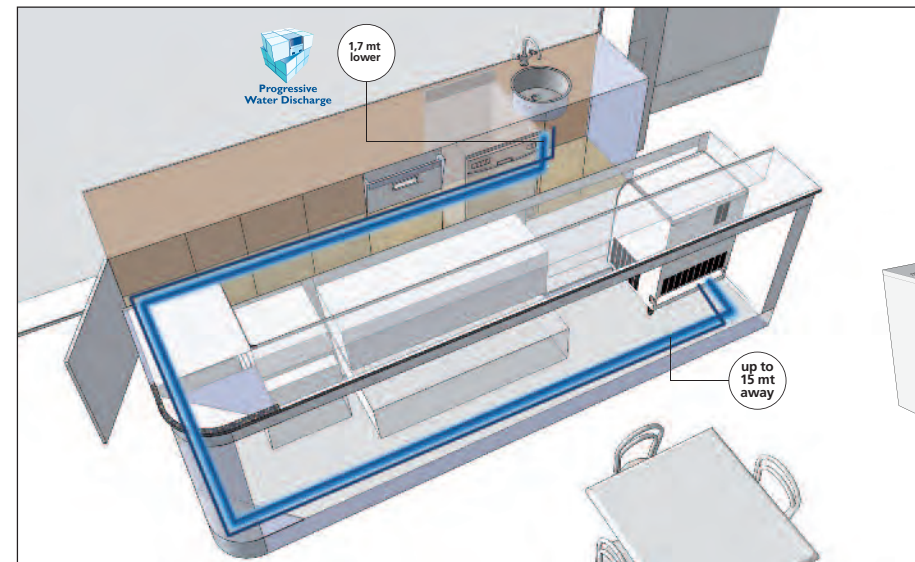
**Hygienic scoop-holder**  
The best way to prevent contamination of ice is to avoid microbial proliferation on the surfaces in contact with the cubes. The same is true for the ice-scoop. It is paramount to have a safe and clean location to place it after use. The scoop-holder has been positioned inside the bin, in a safe environment, so the scoop is always at hand for quick and hygienic collection of ice. Scotsman is proud to offer AquaArmor™ in most of its models, utilising AgION™ a silver-based anti-microbial compound.

**Patented Anti-Scale System**  
One of the many Scotsman Patents, the Anti-Scale System allows for an easy, quick and efficient manual disposal of most of the residual minerals that are the natural side effect of water circulation in a closed system. The advantage the system brings is to prevent and reduce problems arising from scale accumulation into the water circuit. Scale removal provides a higher quality of cube and reduces routine maintenance.

**>50% Ice bin capacity increased to 50% of daily production**  
The bin capacity is fundamental to the correct choice of ice machine. Typically ice consumption is not regular throughout the day, so it is advisable to specify a size of ice bin capable of meeting peak demand. An ice bin that holds 50% of the total daily output of the unit is the ideal choice, a choice that in most cases allows the user to meet all ice requirements through the working day.

## Unique Scotsman Ice Machines features:

- The machine's rounded corners offer stylish and modern eye-appeal.
- Access for cleaning is greatly improved.
- The bin door on the front panel, complete with a modern round shape, slides easily on its guides, softly closing on two new rubber inserts, which dampen the door-closing sound.
- For convenience and greater hygiene the ice scoop can now be rested in a scoop-holder positioned inside the storage bin.
- In the same housing is the alarm, which signals the excessive accumulation of dust/grease on the condenser air filter. This alarm also alerts the operator to the due-date for the routine cleaning cycle.
- Positioned behind the bin door is a time release active anti-microbial vapour pouch. The hygiene of the ice stored in the bin is maintained simply by periodically changing the pouch.
- Unique PWD (Progressive Water Discharge) solves all your drainage height or distance problems, and keep your ice away from algae or microbes coming from stagnant drain water.



**PWD - (Progressive Water Discharge)** is the smart, pressurized discharge system that will allow you to reach remote water drains to dispose of the left over water at the end of each production cycle, as well as the water resulting from the ice melting over time in the storage bin. A non-return valve prevents any potential drain water back-flush into the system, greatly improving the overall hygiene of the ice machine. PWD is standard on all EC Easy Fit line models.

▶▶▶ AC/EC "6 - Series":  
the most innovative on the market.

**Scotsman**  
Ice Systems





# 6-Series: the widest range of models, ››› the best storage/production ratio.



AC 206/EC 206  
with  
built-in storage

The first Extra Large ice machine  
that may be installed "under-the-counter"



130 Kg of daily ice production  
50 Kg capacity in the storage bin...

SO MUCH ICE AT ARMS REACH  
NEVER BEFORE AVAILABLE!

The AC 206 / EC 206 model is also available in Ice Shot Glass Version, producing **the ultimate novelty** of a shot glass made of ice!  
The same unit produces standard XL Gourmet cubes or Ice Shot Glasses simply by switching the production cycle controls from one to another.  
Extra Large Gourmet cubes weigh 60 grams, and by activating the switch positioned on the front panel, they turn into **super looking Ice shot glasses**, ready for a "smashing" celebration!

AC 206/EC 206  
in Ice Shot  
version



Ice "Shot Glass" Cube

From 24 to 145 Kg of daily production  
From 9 to 70 Kg of storage capacity



## MODULARS

Up to 660 Kg of ice cubes  
daily

MC 16 "Short"

New concept:  
dual-mode modular  
ice machine  
with a vertical or lateral  
ice discharge



Stainless steel scotch-brite finish.  
Side panels have rounded corners for enhanced ease of cleaning and aesthetics; top cover moulded in ABS plastic; removable side panels on all four sides to ease maintenance and after-sales service operations. Machines can be stacked to improve production without increasing footprint (accessory KIT); 4 Gourmet cube sizes available: 8g, 20g, 39g, 60g.

The "MC" series of modular ice machines is ideal for **high volume ice needs**. The series is complemented by a wide range of ice-storage bins, with capacities ranging from 150kg to 230kg.  
The bins can be double-stacked where demand for ice is very high - doubling the output.

MC Series  
Modulars



## Technology

### Condenser Air Filter

In order to avoid the progressive volume reduction of ice production, the condenser air filter must be kept free from dust accumulation. Scotsman 6-Series air-cooled machines feature an air filter housed in the proximity of the condenser to stop accumulation of dust.  
Highly efficient and user-friendly, the filter can easily be removed from the front side of the unit and the "clean me" light notifies when the filter needs cleaning.  
Removing the filter and washing it under a tap is a one-minute job!

### ESS - Energy Saving System

The ESS system optimises the efficiency of the production cycle, improving the quality of the ice and reducing operating costs.



**AgION** - Scotsman is proud to offer (in most of its models) AgION™ a silver-based anti-microbial compound that reduces the growth of bacteria, microorganisms, algae, mold and slime on ice machine surfaces.  
This innovation makes available to Scotsman customers a specific, reliable, and durable technology against ice microbial contamination, feature which is to be appreciated especially in this day-and-age: hygiene cannot be compromised!



### PWD - Progressive Water Discharge

Unique PWD (Progressive Water Discharge) by Scotsman. It solves all your drainage height or distance problems. Place your ice maker just where you need it, up to 15 meters away, and 1.7 meters lower than the actual drain outlet. And keep your ice away from algae or microbes coming from stagnant drain water. PWD is standard on all EC Easy Fit line models. (Not available on MC version).

››› Innovation, Functionality and Design.

**Scotsman**  
Ice Systems





# Ice makers - Large and Half Large, Dice and Half Dice Cubes ▶▶▶



Scotsman proudly introduces “**Prodigy**”, state-of-the-art technology part of our on-going effort to **reduce the consumption of utilities** in ice making! The Prodigy technology, made available in Scotsman Vertical Evaporator Cubers Line in 2008, is based upon **three key assumptions**:

▶ **Energy Saving:** the automation of the “harvest” system for the detachment of the ice-cubes from the evaporator plate “waffle”, using the **dual action of thermal and mechanical effects**. Reducing the last phase of the production cycle - the actual defrost - to a matter of just 30 seconds, i.e. **one-sixth of the time required by a standard ice-cuber**.

This reduction translates into a significant improvement in terms of energy efficiency, as the working time of the compressor in its reversed cycle is reduced accordingly.

▶ **Water Saving:** we often consider mains water in urban areas to be of constant quality. On the contrary, **the quality of water can vary a great deal, even in the same location**.

To remove any minerals that remain after the freezing of one batch of ice, in-between production cycles the water sump is flushed with fresh water prior to starting a new cycle. Consequently, a **different mineral content water will require a different length of wash-out cycle**. In Prodigy ice machines, a **sensing probe** measures the electrical conductivity of the water coming from the mains, which varies according to the mineral content, and **adapts the flush cycle duration to the local conditions of water-hardness**, avoiding unnecessary waste. **The smart way of reducing water consumption!**

▶ **Labour Saving:** the new ice machine is a “Prodigy” in name and deed: the **self-diagnosis control board** allows for **unprecedented ease of use and maintenance**. All the units’ functions are visually presented by the means of codes, easy to understand for both the technician and the end user, thus greatly reducing training needs for routine maintenance operations and trouble shooting. When ice requirements are erratic through the working week, the **Prodigy Varismart kit**, offered as an option, allows to program the daily maximum level of ice allowed into the bin according to the actual ice demand. This translates into an **increased versatility of the unit and a smarter use of energy and water**, whilst consistently ensuring “**fresh**”, **peak quality ice** in the storage bin.

The **revolutionary Prodigy technology** is currently available in **three different configurations**:

## ▶ MV “6 Series”

Increased energy efficiency in its **simplest configuration!**

All the ice machines in this series feature the “**Fast Drop**” system, to reduce the harvest cycle and power consumption, while electronic components have been simplified, allowing for one of the **best Price/Value ratio’s in the market**.

**R290** (charge not exceeding 150 grams)  
**Scotsman**



NEW

MV Series  
Modular Ice  
Makers \*



Prodigy MV Series  
Modular Ice  
Makers \*

## ▶ State-of-the-Art technology

applied to ice-making: standard features are the “**Fast Drop**” system for the reduction of the harvest cycle duration and the “**Water Sense**” system for the automatic control of the water hardness and **optimisation of the water consumption** - evermore important in a world where the smarter use of a precious resource such as water is becoming more and more relevant.

\*Note: do not double-stack

▶ The “**All US-made**” line within the Prodigy Series offers a great number of models and capacities to **meet any requirement in terms of ice cube consumption**. The main feature in this line of ice machines is the side-mounted evaporator, which leaves an **easy front access** to all the main components. Daily capacities range from 150 to 1,000 kg of ice-cubes, available in **dice or half-dice size. Prodigy Ice Machines, the Smart Choice in ice.**

Scotsman  
**Prodigy** Series  
Modular Ice  
Makers \*

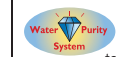


## Technology



### VDS - Vertical Dice System

Same evaporator style as in the Scotsman Contour System (Vertical Evaporator) - the ice type produced by the Prodigy is the “traditional” dice cube, best used in those market segments where great quantities of ice are required.



### WPS - Water Purity System

To remove all minerals that remain after the freezing of one batch of ice, in-between production cycles the water sump is flushed with fresh water prior to starting a new cycle. A different mineral content water will require a different length of the wash-out cycle. In the Prodigy ice machines, a sensing probe measures the electrical conductivity of the water coming from the mains, which varies according to the mineral contents, and adapts the flush cycle duration to the local conditions of water-hardness, avoiding unnecessary waste. The smart way of reducing water consumption!



### THC - Total Hygiene Concept

There is no better food-grade material than stainless steel. Scotsman machines are built with stainless steel frames and side panels for rust free durability, ease of cleaning, and hygiene. Large and accessible ice storage areas allow for a quick and easy sanitising routine.



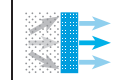
### AgION-Scotsman

AgION-Scotsman is proud to offer (in most of its models) AgION™ a silver-based anti-microbial compound that reduces the growth of bacteria, micro-organisms, algae, mould and slime on ice machine surfaces. This innovation makes available to Scotsman customers a specific, reliable, and durable technology against ice microbial contamination, feature which is to be appreciated especially in this day-and-age: hygiene cannot be compromised!



### On-Off Main Switch

Eye-catching illuminated main switch ensures ease of operation in superb style!



### Proximity Condenser Air Filter

To avoid reduction in your ice maker capacity, air cooled condensers need to be kept free from dust and grease. The Scotsman proximity air filter is mounted next to the condenser, for best air filtration results. Simple and effective, the Scotsman proximity filter is conveniently accessible from the front panel. When the “clean me” light flashes, the manual cleaning routine takes only one minute!

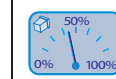


### Internet Enabled Units

Complete Internet Connectivity brought to your Scotsman ice machine. Easily connect and exchange information over the Internet for remote diagnosis of operational and technical issues.

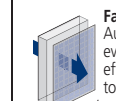
Direct access to machine data through a non-dedicated phone line allows for remote machine management & troubleshooting:

- real-time service alarms
- information on technical problems provided by email before service call is dispatched
- pro-active maintenance
- based upon equipment running time vs. calendar schedule
- control of machine's cleaning cycles and maintenance
- remote programming of ice production cycles.



### Varismart®

Optional electronic control added to the Smart Board allows for programming of the ice level into the bin for a one week period, ensuring the best quality of ice and a smart use of utilities.



### Fast Drop

Automated “harvest” system for the detachment of the ice-cubes from the evaporator plate “waffle”, using the dual action of thermal and mechanical effects. Reducing the last phase of the production cycle - the actual defrost - to a matter of just 30 seconds, i.e. one-sixth of the time required by a standard ice-cuber.

▶▶▶ MV and Prodigy series, the forward-thinking choice!

**Scotsman**  
Ice Systems



# Nugget and Cubelet ice makers



**Scotsman's range** of automatic ice and water dispensers offers bespoke solutions to specific applications in the Ho.Re.Ca. sector. Versatile, high cooling power, dry and compressed Nugget and Cubelet ice. Both made available with the patented touch-free dispensing system, ideal in a sector where hygiene is critical. Scotsman's range of automatic ice and water dispensers features different options in terms of configuration and capacity, all with inbuilt storage bins. Machines include the TC180 range in its many versions and the MDT range, which offers many options in terms of capacity and dimension of the storage bin. The TC 180, which produces up to 140kg per day, offers two storage bin options: the standard 5kg unit and the "Long Range" 9kg version, for higher amounts of ice served at once. Water dispensing is offered as an option by most of the Scotsman Automatic Ice dispensers. The interior of the automatic ice dispenser has been designed to make cleaning and preventative maintenance operations simple and straightforward.

Ice and water dispenser, available in different configurations (**ice only, ice and water, with infra-red or push button activation**) with high cubelet ice production.

The TC180 is at the forefront of hygiene safety with its patented "**touch-free**" dispensing system, that virtually eliminates any risk of cross contamination, eliminating any contact between machine and end user.

**Two brand-new versions are now available:**

**the "Long Range"** version with a storage bin of **9 kg**, enough to ensure ice availability even where large quantities of ice are required;

**the "Short" version**, with its reduced depth, allows for installation on smaller counters. The storage bin in the standard **5 kg** is enough to offer a good supply of cubelet ice in every situation.



**TC 180**  
Ice and Water  
Dispenser



**TC 180 Short**

**Both versions are available in the following options:**

#### TC S-L 180 AS



**Touch free dispensing model**

- Ice & water configuration
- Easy clean

#### TC S-L 180 ASM



**Manual version with 2 push buttons**

- Ice & water configuration
- Easy clean

#### TC S 180 AS-EVO



**Touch free dispensing model**

- Ice only configuration
- No push buttons in the front
- Easy clean
- Specific for self-service use

#### TC S 180 NW



**Manual version with 1 push button only**

- No water
- Ice only configuration
- Easy clean



**MDT Series**  
Ice and Water  
Dispensers



**Automatic dispensers of Nugget ice and/or water**, for counter top installation.

These units offer a high output (up to 235 kg of Nugget ice in 24 hours, with a 12 kg storage bin).

The **infra-red "touch-free"** system, offering hygienic safety and ease of use, comes as a standard in all the models of this range. The stainless-steel frame allows for ease of cleaning and is resistant against accidental knocks and damage.



**ICE TOWER**  
High Volume  
Nugget Ice Dispenser  
with undercounter  
production unit

The configuration of the **Ice Tower System** is based around a Nugget ice machine capable of **up to 500 kg per day** installed **undercounter**.

The production unit is connected to the dispensing head, which receives and stores the Nuggets through a simple and ingenious **vertical transport system**.

Despite the limited storage capacity (approx. 5 kg), thanks to the **very high capacity production unit** the ice tower will **dispense Nugget ice, or ice and water** in adjustable portions **virtually non-stop** through out the day!

## Technology

### CFS - Co-Axial Flake-Ice System

Static evaporators can't cope with the natural shape of flake ice. The best solution is a vertical, cylindrical evaporator with an auger that extrudes ice flakes through an ice breaker. Scotsman has perfected its solid stainless steel evaporator through years of experience applying the advanced technology of direct refrigerant expansion to ice production, offering maximum durability and efficiency.

### THC - Total Hygiene Concept

There is no better food-grade material than stainless steel. Scotsman machines are built with stainless steel frames and side panels for rust free durability, ease of cleaning and hygiene. Large and accessible ice storage areas allow for a quick and easy sanitising routine.

### LWC - Low Water Content

Ice with a low water content. Recommended for all high volume medical applications, combining slow-melt, large size ice-grains with moisture exchange to allow for best results in heat removal from large surfaces of in large hospital environments.

### TFS - Touch Free System

Physical contact with ice may contribute to contamination. Ideally, ice should fall directly into the ice pouch. Truly non-mechanical, one-hand operation provided by the Touch Free System uses its unique infrared sensor to determine when to dispense ice. Ice and water dispensing is also available through the setting selector. Dispensing chute is easily removed for cleaning and sanitization.

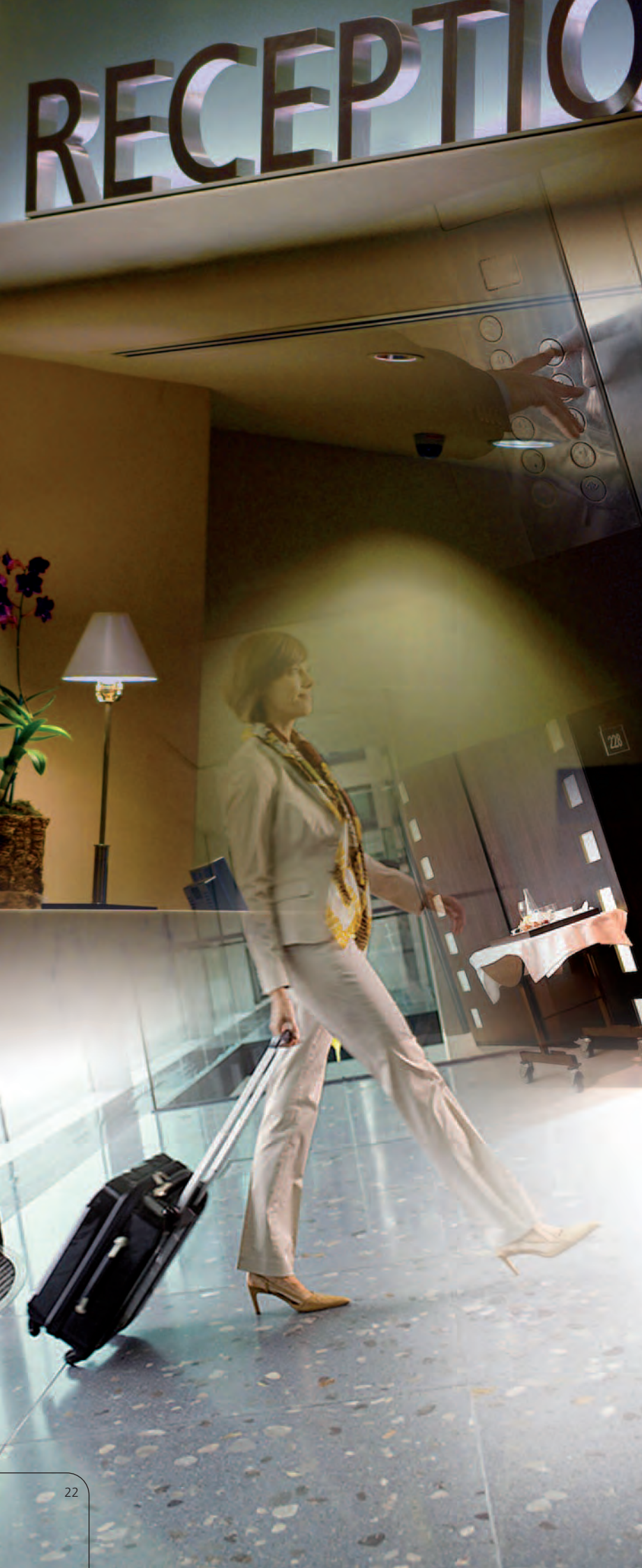
### AgION

All models offer bacterial protection control through the usage of AgION®, an antibacterial compound that is incorporated during production, into all plastic parts that come in contact with water. AgION™ a silver-based anti-microbial compound that reduces the growth of bacteria, micro-organisms, algae, mould and slime on ice machine surfaces. This innovation makes available to Scotsman customers a specific, reliable, and durable technology against ice microbial contamination, feature which is to be appreciated especially in this day-and-age: hygiene cannot be compromised.

»» Ease of use comes as standard. Hygiene is paramount.

**Scotsman**  
Ice Systems





# Automatic ice dispensers ▶▶



**CD 40**  
Automatic super cube dispenser  
Production in 24h: 35 Kg  
Bin Capacity: 15 Kg  
Dimensions: W 38 cm, D 51.3 cm, H 172 cm.

Used for the automatic distribution of ice cubes, in specific points set up in hotels, combines hygiene and dispenser convenience with the unmatched quality of Scotsman Gourmet cube.



▶▶▶   
Gourmet Ice Cube

**HD 22 B**  
Ice Dispenser  
storage capacity up to 55 Kg  
Dimensions: L 56 cm, D 85 cm, H 135 cm.



▶▶▶   
Cube Ice

**HD 30 B**  
Ice Dispenser  
storage capacity up to 75 Kg  
Dimensions: L 76 cm, D 85 cm, H 135 cm.



▶▶▶   
Cube Ice



▶▶ Ease of use comes as standard. Hygiene is paramount.





# Nugget and Cubelet ice



**N 622**  
Modular  
ice maker



In cases of very high demand for Nugget ice, the N 622 paired with an adequate storage bin, provides a capacity to meet every specific need.



**MFN Series**  
Modular  
ice makers



- Reduced height for space restrained installation.
- Double-fly auger and reinforced ice breaker ensure better extruding action of dryer, harder pieces of ice.
- Stainless steel structure with scotch-brite finish, rounded corners combine ease of operation and a modern looking design.
- ABS top panel.
- Removable side panels allow easy access from all sides.
- Electronic control board for all machine functions, self diagnosis system and display of operational alarms.

**NVT Series**  
Modular  
ice makers:  
vertical  
transportation

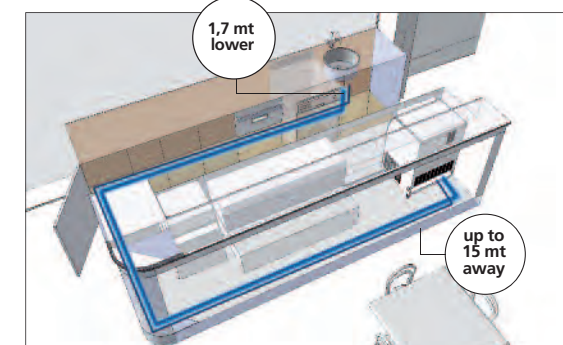


**AFC 134**  
Self-contained  
ice machine

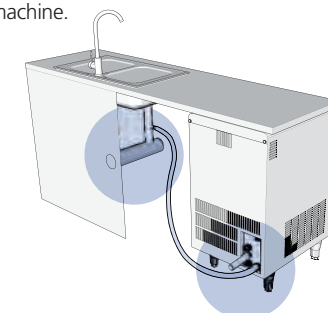


**The first Cubelet Ice Maker with large ice storage: up to 40 Kg of ice immediately at hand.**  
AFC134 is the "Cubelet" most innovative ice maker: combines a large-scale production (130 kg) to an ice storage capacity unique on the market, up to 40 kg.

**EFC 134**



**PWD - (Progressive Water Discharge)** is the smart, pressurized discharge system that will allow you to reach remote water drains to dispose of the left over water at the end of each production cycle, as well as the water resulting from the ice melting over time in the storage bin. A non-return valve prevents any potential drain water back-flush into the system, greatly improving the overall hygiene of the ice machine.



## Technology

### CFS - Co-Axial Flake-ice System

Static evaporators can't cope with the natural shape of flake ice. The best solution is a vertical, cylindrical evaporator with an auger that extrudes ice flakes through an ice breaker. Scotsman has perfected its solid stainless steel evaporator through years of experience applying the advanced technology of direct refrigerant expansion to ice production, offering maximum durability and efficiency.



### THC - Total Hygiene Concept

There is no better food-grade material than stainless steel. Scotsman machines are built with stainless steel frames and side panels for rust free durability, ease of cleaning and hygiene. Large and accessible ice storage areas allow for a quick and easy sanitising routine.



### LWC - Low Water Content

Ice with a low water content. Recommended for all high volume medical applications, combining slow-melt, large size ice-grains with moisture exchange to allow for best results in heat removal from large surfaces of in large hospital environments.



### TFS - Touch Free System

Physical contact with ice may contribute to contamination. Ideally, ice should fall directly into the ice pouch. Truly non-mechanical, one-hand operation provided by the Touch Free System uses its unique infrared sensor to determine when to dispense ice. Ice and water dispensing is also available through the setting selector. Dispensing chute is easily removed for cleaning and sanitization.



### AgION

All models offer bacterial protection control through the usage of AgION®, an antibacterial compound that is incorporated during production, into all plastic parts that come in contact with water. AgION™ a silver-based anti-microbial compound that reduces the growth of bacteria, micro-organisms, algae, mould and slime on ice machine surfaces. This innovation makes available to Scotsman customers a specific, reliable, and durable technology against ice microbial contamination, feature which is to be appreciated especially in this day-and-age: hygiene cannot be compromised.

Highly practical, flexible solutions.

**Scotsman**  
Ice Systems





# Flake ice makers

## AF Series

- Self-contained Flake ice machines.
- Compact and easy to install (plug & play)



Models with self-contained storage bins ranging from 25 to 60 Kg.

Scotsman's range of flake ice makers offers machines of different capacities, both as self-contained (AF range, where the ice storage bin is in-built into the chassis of the unit) and modular version (MF range where the ice machine head needs pairing with an external storage bin).

The main factor in the sizing of a flake ice machine is as always the pattern of ice demand throughout the day - particular attention should be paid to the selection of the external ice bin for modular units.

The storage bin should be sized to meet peak requirements in terms of capacity, and the ice machine output should be enough to refill the bin before the next ice-demand peak starts.

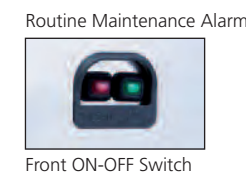
Flake ice is available in two different options, standard "Flake" with a higher water content, the best choice in terms of heat exchange, and "Supeflake" ice, dryer and with a more defined shape. Superflake ice melts more slowly than traditional flakes.



Ergonomic access to ice



Ready for "built-in" installation

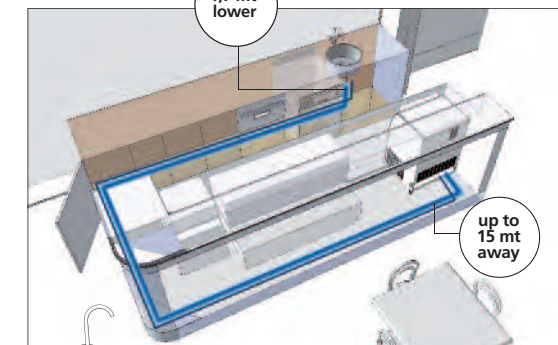


Routine Maintenance Alarm

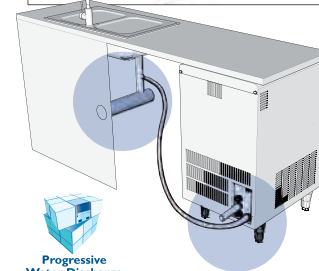
## EF Series

NEW

1,7 mt lower



up to 15 mt away



**PWD - (Progressive Water Discharge)** is the smart, pressurized discharge system that will allow you to reach remote water drains to dispose of the left over water at the end of each production cycle, as well as the water resulting from the ice melting over time in the storage bin. A non-return valve prevents any potential drain water back-flush into the system, greatly improving the overall hygiene of the ice machine.

## MF Series

Modular Flake ice machines

- Stainless steel "scotch-brite" finish;
- Rounded corners for enhanced aesthetics and ergonomics;
- Top cover in ABS plastic;
- Removable side panels on all four sides to aid routine maintenance and servicing;
- Evaporator in stainless steel AISI304 and auger in AISI430;
- Ice breaker in special alloy;
- Self-lubricating gear-reducer;
- Hermetic compressor with choice of air or water-cooled condenser;
- Electronic control board with self diagnosis and malfunction alarms.



Storage Bin

Sturdiness and reliability as standard.

## Technology

**CFS - Co-Axial Flake-ice System**  
Static evaporators can't cope with the natural shape of flake ice. The best solution is a vertical, cylindrical evaporator with an auger that extrudes ice flakes through an ice breaker. Scotsman has perfected its solid stainless steel evaporator through years of experience, applying the advanced technology of direct refrigerant expansion to ice production, offering maximum durability and efficiency.

**THC - Total Hygiene Concept**  
There is no better food-grade material than stainless steel. Scotsman machines are built with stainless steel frames and side panels for rust free durability, ease of cleaning and hygiene. Large and accessible ice storage areas allow for a quick and easy sanitising routine.

**HWC - High Water Content**  
Ice with a high water content. Recommended for all those applications where delicate and moisture critical products must be preserved.

All models offer bacterial protection control through the usage of AgION<sup>®</sup>, an antibacterial compound that is incorporated during production, into all plastic parts that come in contact with water. AgION<sup>™</sup> a silver-based anti-microbial compound that reduces the growth of bacteria, micro-organisms, algae, mould and slime on ice machine surfaces. This innovation makes available to Scotsman customers a specific, reliable, and durable technology against ice microbial contamination, feature which is to be appreciated especially in this day-and-age: hygiene cannot be compromised!

**BIF - Built In Facility**  
Built in installations are nowadays becoming more common. Ice machines must be designed to fit restricted air flow. Front panel louver for condenser ventilation airflow are a standard feature on Scotsman undercounter models, as well as easy to reach connections and controls for maximized installation flexibility.



# "Rule-of-thumb" advice on how to choose the right ice maker, suitable to sustain the actual requirements



**Gourmet ice, Large, Half Large, Dice and Half Dice ice, Nugget ice, Scale ice...** Each of these different types of ice is meant to meet and fulfill a specific requirement. They are produced by inherently different ice making machines. Other than by type of ice, differences may also be found in daily output capacity. More importantly, in the **storage bin capacity**, directly related to the footprint and the production volume of the units.

The true parameter that should be followed when choosing an ice machine is the **quantity of ice** that the machine can hold in its **storage bin**, which equates to the actual quantity of ice that is available to the operator "here and now" as well as for the remainder of the evening hours.

The refill capacity of ice machines during service hours is in fact relatively limited. Consider that the hourly output of a medium-small ice machine ranges from 2 kg per hour for medium-size models, going down to 0.8 kg per hour for the smallest units. It is strongly advisable to verify that the storage bin capacity is such that it will sustain your ice requirements from the early-on aperitifs through to after-dinner digestives. Some of the smallest ice machines within the 20 kg of daily production capacity, in fact, feature a storage bin capacity of only 4 kg!



The first rule-of-the-thumb is that the **storage bin capacity should ideally reflect 50% of the machines daily production**.

Keep in mind that once the storage bin is full, the ice machine producing ice. It will only restart when ice is removed from the storage bin. A storage bin that is unable to store the "closing hours production capacity" of the machine will therefore limit the daily actual capacity of the unit, whilst delivering only a limited amount of ice when the need is at its peak.

In order to serve your customers with the "perfect drink" you need crystal-clear, pure, transparent and full cubes, to avoid "watering down" the drinks.

In detail: a hollow cube, a "cube with the hole" will offer a larger heat exchange surface than a massive cube, which in turn will cause the cube to melt quicker. Hollow cubes usually melt prior to the average consumption time of the drink. Very quick cooling of the drink will therefore occur, as well as its (premature) warming up once the ice cubes have melted.

A **full cube**, on the contrary, will chill the drink reflecting the consumption pattern: promptly, but not abruptly, durably and not prematurely, preserving the drink quality rather than diluting it. Massive cubes will last through the drink and more, for the enjoyment of those who love chewing on the residual ice cubes...

A traditional bar, an "American Bar" that serves a limited volume of classic cocktails, may decide to work with a single, self-contained, Gourmet cube producing ice machine. In this case, special care should be paid in selecting the correct capacity of the storage bin: the best sellers in this segment are ice machines whose bins range between 8 and 15 kg, i.e. **ice machines producing 20 to 30 kg of ice per day**. Part of this production might be crushed for the preparation of tropical cocktails, unless a dedicated nugget ice machine is also available in the bar.

Beverage consumption in **Disco's** is typically higher, hence the requirement for larger capacity ice machines, for a generous ice supply. In this situation, we recommend the use of **modular ice machines**, where the production unit is matched with the **storage bin**, chosen according to the specific consumption patterns.



A larger storage bin will accumulate and keep ice cubes during low volume week-days, and that higher quantity will come handy on high-volume week-end days. As the purchase cost of the ice machine is significantly higher than that of the bin, this simple trick may translate into **significant savings**.

In other words, when ice consumption tends to concentrate in peaks during the week, a smaller ice machine may be purchased, and placed on the top of a larger than usual storage bin.

For "round the week", **high volume Disco's**, we suggest that you consider more than just one large ice machine: several medium-size machines may be strategically positioned near the point-of-consumption of ice, thus reducing ice transportation and all related issues of potential contamination and extra labour.

**How do we handle space restraint in under-counter installations?** And how do we possibly by-pass the lack of water drainage?

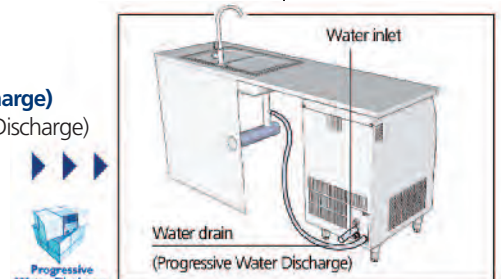
**Scotsman has the answer!**

The compact AC 206 / EC 206 ice machines from the Series 6 combines a roomy storage bin with a reduced height. Moreover, an optional built-in water pump connects the ice machine to the far reached drainage, which can now be located as far as 15 metres from the ice machine.

This system takes care of height as well: **up to 1.7 meters distance**, which makes it easy to connect the machine drain tube to a sink drain.

**PWD - (Progressive Water Discharge)**  
Unique PWD (Progressive Water Discharge) by Scotsman.

It solves all your drainage height or distance problems. Place your ice maker just where you need it, up to 15 meters away, and 1.7 meters lower than the actual drain outlet. And keep your ice away from algae or microbes coming from stagnant drain water. PWD is standard on all EC Easy Fit line models.







# Size your Gourmet Ice Ma ker...



Model	Cube Type	Production 24h.*	Bin Capacity	Dimensions
 <b>ACM 25</b> (plastic finish only)		10 Kg	3,5 Kg 	WxDxH Without/With Legs 39x38x64 cm 
 <b>AC 46</b> <b>EC 46</b>		24,5 Kg	9 Kg 	39x60x64 cm
 <b>AC 56</b> <b>EC 56</b>		32,5 Kg	12,5 Kg 	39x60x69/83 cm
 <b>AC 86</b> <b>EC 86</b>		39 Kg	19 Kg 	53x60x80/91 cm
 <b>AC106</b> <b>EC 106</b>		50 Kg	23 Kg 	53x60x85/97 cm
 <b>AC 126</b> <b>EC 126</b>		74 Kg	39 Kg 	68x60x93/105 cm
 <b>AC 176</b> <b>EC 176</b>		85 Kg	48 Kg 	68x60x100/112 cm
 <b>AC 206</b> <b>EC 206</b>		137 Kg	50 Kg 	125x62x78/86 cm
 <b>AC 226</b> <b>EC 226</b>		150 Kg	70 Kg 	108x72x101/113 cm
 <b>MC 16</b> <b>"SHORT"</b> <b>MODULAR</b>		172 Kg	<b>Matching storage bins</b> SB393-SB530-SB550* SIS 700 - HD30 B EDB650 SA	77x61x71 cm
 <b>MC 46</b> <b>MODULAR</b>		310 Kg	SB550-SB948* SB1025*-UBH1100 UBH1600-SIS 700 SIS 1350-EDB1000 SA	107x53x86 cm
 <b>MC 1210</b> <b>MODULAR</b>		660 Kg	UBH1600-UBH2250 SIS 1350	168x78x81 cm

\*Ambient Temp. 10°C - Water Temp. 10°C

(\*) CBT cover to be matched with the ice machine.  
For details visit [www.scotsman-ice-on-tablet.com](http://www.scotsman-ice-on-tablet.com)



CD 40

**Automatic super cube dispenser**  
Production in 24h: 35 Kg  
Bin Capacity: 15 Kg  
Dimensions: W 38 cm, D 51.3 cm, H 172 cm.  
Used for the automatic distribution of ice cubes, in specific points set up in hotels, combines hygiene and dispenser convenience with the unmatched quality of Scotsman Gourmet cube.



**SB 550**  
252 Kg Storage Bin



**SB 948**  
406 Kg Storage Bin



**SB 1025**  
478 Kg Storage Bin



**UBH 1100**  
553 Kg Storage Bin



**UBH 1600**  
812 Kg Storage Bin



**UBH 2250**  
1068 Kg Storage Bin



**SIS 700**  
391 Kg Storage bin  
with one 73 Kg cart



**SIS 1350**  
759 Kg Storage bin  
with two 73 Kg carts



**HD 30 B**  
**Cubes Dispenser\***  
75 Kg Storage  
Capacity



Push-button  
activated



**Manual Ice Bagger**  
Dimensions:  
W 38 cm  
D 51.3 cm  
H 72 cm



**Automatic ice bagging Systems**  
**EDB650 SA\***  
Ice storage bin (290 Kg) with stored ice agitation Cube ice manually activated dispensing into bags, carts pails or totes ice carrier.



\*For detailed technical information  
please visit  
[www.scotsman-ice.it](http://www.scotsman-ice.it)  
[www.scotsman-ice-on-tablet.com](http://www.scotsman-ice-on-tablet.com)

MC 16 "Short"



**Revolutionary!**  
A modular ice machine that can be installed side-by-side with its storage bin, for an under-counter "horizontal modularity". Alternatively, the production unit alone may be installed as a countertop unit, to create visual excitement through a **cascade of shiny ice-cubes every 30 minutes.**  
A new way to invite patrons for dedicated, round-the-clock spirits promotions!

**SB 393**  
181 Kg Storage Bin



**SB 530**  
243 Kg Storage Bin

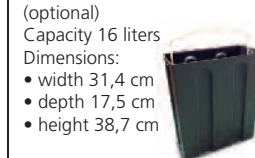


**SIS Cart**



**Capacity: 73 Kg**  
Dimensions:  
• width 63,6 cm  
• depth 108,8 cm  
• height 89,8 cm

**SIS Cart Totes**  
Max 6 Totes per Ice Cart  
(optional)  
Capacity 16 liters



**Crushman 360**  
**Ice Crusher**



Crushes  
all ice cubes!



Ice storage bin (454 Kg) with stored ice agitation Cube ice manually activated dispensing into bags, carts pails or totes ice carrier.

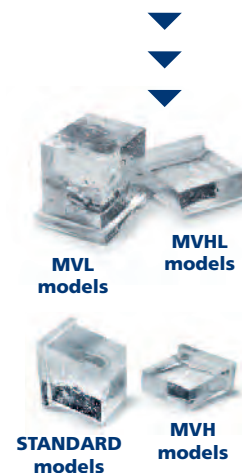
**EDB1000 SA\***

**Scotsman**  
Ice Systems





# Choose your own "Large", "Half Large", "Dice" and "Half Dice" Cubes...



- Bar
- Pool and Beach Bar
- Restaurant

Model	Max Prod. 24h.	Dimensions	Matching storage bins
	Ambient Temp. 21°C Water Temp. 15°C	WxDxH 	
	133 Kg	56x61,4x57,5 cm	SB193-SB322-SB393*-SB530* HD22 B
	201 Kg	56x61,4x66	SB193-SB322-SB393*-SB530* HD22 B
	192 Kg	56x61,4x66	SB193-SB322-SB393*-SB530* HD22 B
	215 Kg	76x62x57,5 cm	SB393-SB530-SB550* SB948*-SB1025*-UBH1100 HD30 B-EDB650 SA-EDB1000 SA
	205 Kg	76x62x57,5 cm	SB393-SB530-SB550* SB948*-SB1025*-UBH1100 HD30 B-EDB650 SA-EDB1000 SA
	280 Kg	76x62x57,5 cm	SB393-SB530-SB550*-SB948* SB1025*-UBH1100-UBH1600 SIS700-HD30 B-EDB650 SA EDB1000 SA
	390 Kg	76x62x72,5 cm	SB393-SB530-SB550*-SB948* SB1025*-UBH1100-UBH1600 SIS700-HD30 B-EDB650 SA EDB1000 SA
	425 Kg	76x62x72,5 cm	SB393-SB530-SB550*-SB948* SB1025*-UBH1100-UBH1600 SIS700-SIS1350-HD30 B EDB650 SA-EDB1000 SA

(\*) CBT cover to be matched with the ice machine.  
For details visit [www.scotsman-ice-on-tablet.com](http://www.scotsman-ice-on-tablet.com)

## Matching storage Bins



## SIS Cart

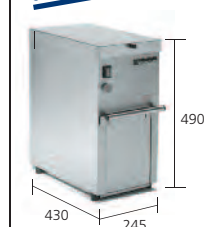


**Capacity: 73 Kg**  
Dimensions:  
• width 63,6 cm  
• depth 108,8 cm  
• height 89,8 cm

**SIS Cart Totes**  
Max 6 Totes per Ice Cart  
(optional)  
Capacity 16 liters  
Dimensions:  
• width 31,4 cm  
• depth 17,5 cm  
• height 38,7 cm

## Crushman 360 Ice Crusher

Crushes all ice cubes!



6 kg  
per minute

Ice storage bin (454 Kg) with stored ice agitation Cube ice manually activated dispensing into bags, carts pails or totes ice carrier.

## ICE CUBES TO GO

**HD 30 B Cubes Dispenser**  
75 Kg Storage Capacity



Push-button activated

**HD 22 B Cubes Dispenser**  
75 Kg Storage Capacity



Push-button activated

**NEW**

Available with coin activated dispensing mechanism  
(on request, with price surcharge)

**Automatic ice bagging Systems EDB650 SA**  
Ice storage bin (290 Kg) with stored ice agitation Cube ice manually activated dispensing into bags, carts pails or totes ice carrier.



**EDB1000 SA**



\*For detailed technical information please visit  
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**Scotsman**  
Ice Systems














# Choose your own "Dice" and "Half Dice" machine...▶▶



**PRODIGY**  
smart thinking  
Technology

Model	Max Production 24h.	Dimensions	Matching storage bins
 <b>C 0522</b>	Ambient Temp. 21°C Water Temp. 10°C  201 Kg	WxDxH  56x61x58 cm	SB322-SB393*-SB530*-HD22 B
 <b>C 0530</b>	237 Kg	76x61x58 cm	SB530-SB948*-SB1025* UBH1100-HD30 B-EDB650 SA EDB1000 SA
 <b>C 0630</b>	328 Kg	76x61x58 cm	SB530-SB948*-SB1025* UBH1100-UBH1600-SIS700 HD30 B-EDB650 SA EDB1000 SA
 <b>C 0830</b>	382 Kg	76x61x74 cm	SB530-SB948*-SB1025* UBH1100-UBH1600-SIS700
 <b>C 1030</b>	456 Kg	76x70x74 cm	SB530-SB948*-SB1025* UBH1100-UBH1600-SIS700 HD30 B-EDB650 SA EDB1000 SA
 <b>C 1448</b>	657 Kg	122x70x74 cm	SB948-SB1025*-UBH1100 UBH1600-SIS1350-HD30 B EDB650 SA-EDB1000 SA
 <b>C 1848</b>	807 Kg	122x70x74 cm	SB948-SB1025*-UBH1100 UBH1600-UBH2250-SIS1350 HD30 B-EDB650 SA EDB1000 SA
 <b>C 2148</b>	884 Kg	122x70x74 cm	SB948-SB1025*-UBH1100 UBH1600-UBH2250-SIS1350 HD30 B-EDB650 SA EDB1000 SA

- Bar
- Pool and Beach Bar
- Restaurant



## Matching storage Bins

**SB 322**  
168 Kg Storage Bin



**SB 393**  
181 Kg Storage Bin



**SB 530**  
243 Kg Storage Bin



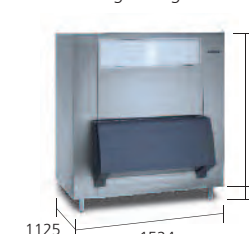
**SB 948**  
406 Kg Storage Bin



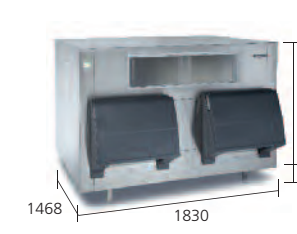
**UBH 1100**  
553 Kg Storage Bin



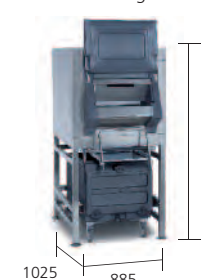
**UBH 1600**  
812 Kg Storage Bin



**UBH 2250**  
1068 Kg Storage Bin



**SIS 700**  
391 Kg Storage bin  
with one 73 Kg cart



**SIS 1350**  
759 Kg Storage bin  
with two 73 Kg carts



## SIS Cart



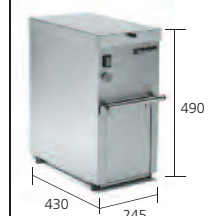
**Capacity: 73 Kg**  
Dimensions:  
• width 63,6 cm  
• depth 108,8 cm  
• height 89,8 cm

## SIS Cart Totes

**Max 6 Totes per Ice Cart**  
(optional)  
Capacity 16 liters  
Dimensions:  
• width 31,4 cm  
• depth 17,5 cm  
• height 38,7 cm

## Crushman 360 Ice Crusher

**Crushes  
all ice cubes!**



**6 kg  
per minute**



Ice storage bin (454 Kg) with  
stored ice agitation Cube  
ice manually activated  
dispensing into bags, carts  
pails or totes ice carrier.

**EDB1000 SA**



\*For detailed technical information  
please visit  
[www.scotsman-ice.it](http://www.scotsman-ice.it)  
[www.scotsman-ice-on-tablet.com](http://www.scotsman-ice-on-tablet.com)



**HD 30 B  
Cubes Dispenser**  
75 Kg Storage  
Capacity



Push-button  
activated

**HD 22 B  
Cubes Dispenser**  
75 Kg Storage  
Capacity



Push-button  
activated

## Automatic ice bagging Systems

### EDB650 SA

Ice storage bin (290 Kg) with stored  
ice agitation Cube ice manually  
activated dispensing into bags,  
carts pails or totes ice carrier.



**NEW**

Available with coin activated  
dispensing mechanism  
(on request, with price  
surcharge)

**Scotsman**  
Ice Systems









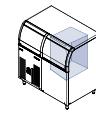



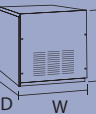





# Choose your own "Nugget " or "Cubelet" machine..»





- Bar
- Pool and Beach Bar
- Restaurant
- Room Service


Model	Max Production 24h.	Bin capacity	Dimensions
 <b>MDT 5N25</b>	Ambient Temp. 10°C Water Temp. 10°C 240 Kg	12 Kg 	WxDxH  66x57x104 cm
 <b>TC 180 "Long Range"</b>	135 Kg	9 Kg 	39x <b>66</b> x88 cm
 <b>TC 180 "Short"</b>	135 Kg	5 Kg 	39x <b>60</b> x88 cm
 <b>AFC 134 EFC 134</b>	130 Kg	40 Kg 	95x61x92


 <b>MODULARS MFN 46 MFN 56</b>	270 Kg 470 Kg	Multiple matching bins	WxDxH  54x66x65 cm 54x66x79 cm	SB193*- SB322*-SB393*-SB530* SB948*-SB550*-SB1025* UBH1100-SIS300-SIS700-SIS1350
 <b>NVT 46 NVT 56</b>	330 Kg 480 Kg	-	54x66x65 cm 54x66x79 cm	
 <b>MODULAR N 622</b>	292 Kg	Multiple matching bins	56x61x58 cm	SB322-SB393*-SB530*-SB550* SB948*-SB1025*-UBH1100 UBH1600-SIS300-SIS700
 <b>ICE TOWER</b>	485 Kg	No Bin required hopper 5 Kg	54x66,5x154 cm	-

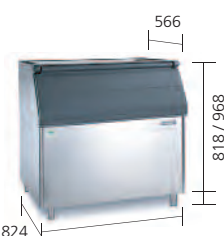
## Matching storage Bins


**SB 193**  
129 Kg Storage Bin  



**SB 322**  
168 Kg Storage Bin  


**SB 393**  
181 Kg Storage Bin  



**SB 530**  
243 Kg Storage Bin  



**SB 550**  
252 Kg Storage Bin  



**SB 948**  
406 Kg Storage Bin  


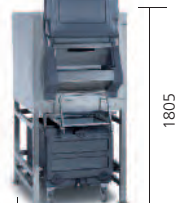
**SB 1025**  
478 Kg Storage Bin  



## Matching storage bins (occasionally, a CBT bin top may be required)

**UBH 1100**  
553 Kg Storage Bin  


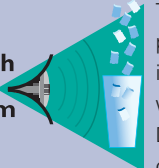
**UBH 1600**  
812 Kg Storage Bin  


**SIS 300**  
210 Kg Storage Bin  
with one 73 Kg cart  


**SIS 700**  
391 Kg Storage Bin  
with one 73 Kg cart  


**SIS 1350**  
759 Kg Storage Bin  
with two 73 Kg carts  


**TFS - Touch Free System**  
Physical contact with ice may contribute to contamination.  
Ideally, ice should fall directly into the customer's glass or cup.

**Touch Free System**  
Truly non-mechanical, one-hand operation provided by the "Touch Free System" uses its unique infrared sensor to determine when to dispense ice, water or both. Dispensing chute is easily removed for cleaning and sanitization.

**SIS Cart**  


**Capacity: 73 Kg**  
Dimensions:

- width 63,6 cm
- depth 108,8 cm
- height 89,8 cm

**SIS Cart Totes**  
**Max 6 Totes per Ice Cart**  
(optional)  
Capacity 16 liters  
Dimensions:

- width 31,4 cm
- depth 17,5 cm
- height 38,7 cm



\*For detailed technical information  
please visit  
[www.scotsman-ice.it](http://www.scotsman-ice.it)  
[www.scotsman-ice-on-tablet.com](http://www.scotsman-ice-on-tablet.com)

(\*) CBT cover to be matched with the ice machine.  
For details visit [www.scotsman-ice-on-tablet.com](http://www.scotsman-ice-on-tablet.com)





# Size your Flake Ice Machine



- Restaurant
- Convention Hall

Model	Max Production 24h.	Bin capacity	Dimensions
 <b>AF80</b>	Ambient Temp. 10°C Water Temp. 10°C 73 Kg	25 Kg 	WxDxH Without/with legs  54x63x81/93
 <b>AF103</b> <b>EF103</b>	108 KG	30 KG 	59x62x101/113
 <b>AF124</b> <b>EF124</b>	120 Kg	40 Kg 	95x60x79,5/91,5
 <b>AF 156</b> <b>EF156</b>	150 Kg	60 Kg 	95x60x101/112,6
 <b>AF206</b> <b>EF206</b>	200 Kg	60 Kg 	95x60x101/113
 <b>MODULAR MF 26</b>	120 Kg	Multiple matching bins	56x53x53
 <b>MODULAR MF 36</b>	200 Kg	Multiple matching bins	56x53x53
 <b>MODULAR MF 46*</b> <b>MF 47* R290</b> <b>NEW</b>	330 Kg	Multiple matching bins	54x66x65

\*Superflake ice

## Matching storage Bins

**SB 193**  
129 Kg Storage Bin



**SB 322**  
168 Kg Storage Bin



**SB 393**  
181 Kg Storage Bin



**SB 530**  
243 Kg Storage Bin



**SB 550**  
252 Kg Storage Bin



**SB 948**  
406 Kg Storage Bin



**SB 1025**  
478 Kg Storage Bin



**UBH 1100**  
553 Kg Storage Bin



**SIS 300**  
210 Kg Storage Bin  
with one 73 Kg cart



**SIS 700**  
391 Kg Storage Bin  
with one 73 Kg cart



## SIS Cart

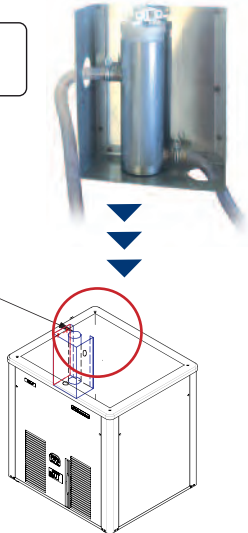
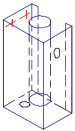


**Capacity: 73 Kg**  
Dimensions:  
• width 63,6 cm  
• depth 108,8 cm  
• height 89,8 cm

**SIS Cart Totes**  
**Max 6 Totes per Ice Cart**  
(optional)  
Capacity 16 liters  
Dimensions:  
• width 31,4 cm  
• depth 17,5 cm  
• height 38,7 cm

## UV LAMP\*

Treats incoming water prior to the freezing cycle.



\*optional

(\*) CBT cover to be matched with the ice machine.  
For details visit [www.scotsman-ice-on-tablet.com](http://www.scotsman-ice-on-tablet.com)

\*For detailed technical information  
please visit  
[www.scotsman-ice.it](http://www.scotsman-ice.it)  
[www.scotsman-ice-on-tablet.com](http://www.scotsman-ice-on-tablet.com)

**Scotsman**  
Ice Systems



Matching Storage Bins

		SB193	SB322	SB393	SB530	SB550	SB948	SB1025	UBH1100	UBH1600	UBH2250	SIS300	SIS700	SIS1350
	Kg	129	168	181	243	252	406	478	553	812	1068	137	318	613
MC16 Short	172			☑	( )	CBT16								
MC46	310					☑	CBT48MCD	CBT52MCD	⬇	⬇			⬇ *	⬇ *
MC1210	660									⬇	⬇			⬇ *
MV306	154	☑	( )	CBT30EMCD	CBT30EMCD									
MV426	225	☑	( )	CBT30EMCD	CBT30EMCD									
MV430	210	☑	( )	CBT30EMCD	CBT30EMCD									
MV456/P-MV	240			☑	☑	CBT42EMCD « »	CBT48EAMCD	CBT52EAMCD	⬇ /					
MV460	220			☑	☑	CBT42EMCD « »	CBT48EAMCD	CBT52EAMCD	⬇ /					
MV606/P-MV	320			☑	☑	CBT42EMCD « »	CBT48EAMCD	CBT52EAMCD	⬇ /	⬇ /			⬇ *	
MV806/P-MV	430			☑	☑	CBT42EMCD « »	CBT48EAMCD	CBT52EAMCD	⬇ /	⬇ /			⬇ *	
MV1006/P-MV	465			☑	☑	CBT42EMCD « »	CBT48EAMCD	CBT52EAMCD	⬇ /	⬇			⬇ *	⬇ *
C0522	201		☑	CBT30/52AMCD	CBT30/52AMCD									
C0530	237				☑		CBT48EAMCD	CBT52EAMCD	⬇ ■					
C0630	328				☑		CBT48EAMCD	CBT52EAMCD	⬇ ■	⬇ ■			⬇ *	
C0830	382				☑		CBT48EAMCD	CBT52EAMCD	⬇ ■	⬇ ■			⬇ *	
C1030	456				☑		CBT48EAMCD	CBT52EAMCD	⬇	⬇			⬇ *	
C1448	657						☑	CBT30/52AMCD	⬇	⬇				⬇ *
C1848	807						☑	CBT30/52AMCD	⬇	⬇	⬇			⬇ *
C2148	884						☑	CBT30/52AMCD	⬇	⬇	⬇			⬇ *
MF26	120	■	■	CBT30EFSD	CBT30EFSD	CBT42EFSD						⬇	⬇	
MF36	200	■	■	CBT30EFSD	CBT30EFSD	CBT42EFSD						⬇	⬇	
MF46/47	330	CBT22EFCD « »	CBT22EFCD « »	CBT30EFSD « »	CBT30EFSD « »	CBT42EFSD « »	CBT48FMCD	CBT52FMCD	⬇ ■			⬇	⬇	
MFN46	270	CBT22EFCD ☑	CBT22EFCD ☑	CBT30EFSD « »	CBT30EFSD « »	CBT42EFSD « »	CBT48FMCD	CBT52FMCD	⬇ ■			⬇	⬇	
MFN56	470	CBT22EFCD ☑	CBT22EFCD ☑	CBT30EFSD « »	CBT30EFSD « »	CBT42EFSD « »	CBT48FMCD	CBT52FMCD	⬇	⬇		⬇	⬇	⬇
N622	292		☑	CBT30EFSD ( )	CBT30EFSD ( )	CBT42EFSD « »	CBT48FMCD	CBT52FMCD	⬇ ■	⬇ ■		⬇	⬇	

OPTIONAL ELECTRICALS  
AVAILABLE  
UPON REQUEST

115/60/1	230/60/1
AC 126	ACM 25
AC 176	ACM 46 - EC 46
AC 226	AC 56 - EC 56
CU 2026	AC 86 - EC 86
CU 3030	AC 106
C 0522	AC 126 - EC126
C 0530	AC 176
N 622	AC 206
MDT5N25	AC 206 Ice Shot
HD22	AC 226
HD30	MC 16 Short
SCW 14 B	MC 46
SCW 14 FP	MV 306
	MV 426
	MV 456
	MV 606
	MV 806
	MV 1006
	Crushman 360
	CU 2026
	CU 3030
	C 0522 - C 0530
	C 0630 - C 0830
	C 1030 - C1448
	C 1848 - C 2148
	TC 180
	CD 40
	AF 80 - AF 103
	AF 206
	MF 26 - MF 36
	MF 46 - MF47

230/60/3

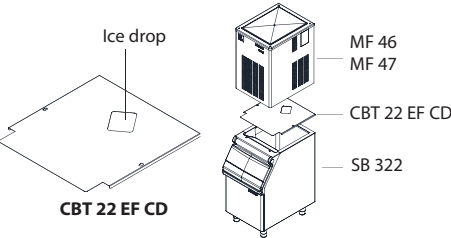
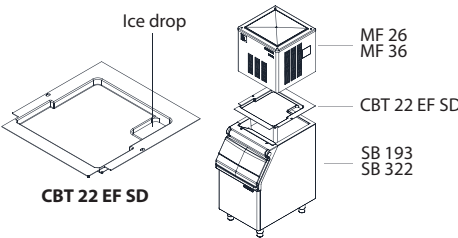
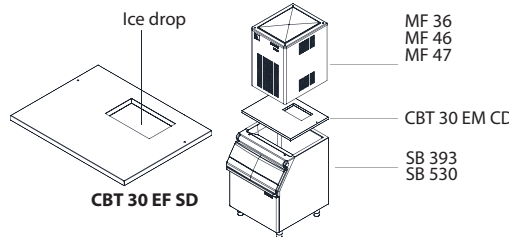
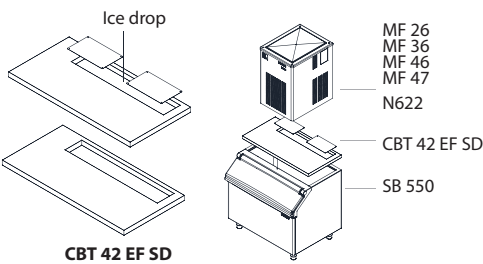
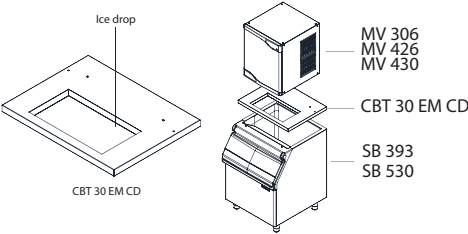
MC 1210  
C 1448  
C 1848

380/60/3

MC 46  
MC 1210

- ☑ Perfect combination - Matching between ice maker and bin
- ⬇ No anchor points between bin top and bin
- « » Ice maker deeper then storage bin by +/- 6/9 cm
- ☑ Ice maker daily production too high compared to bin capacity

- ( ) No anchor points between ice maker and bin
- / NEED ADDITIONAL BIN TOP CM 25161163
- ⬇ Ice chute cut-out performed upon installation
- Ice maker daily capacity, too low compared to bin capacity



\* Please contact technical department for special instructions



# Ice since 1950...

Scotsman has been designing and manufacturing ice machines since 1950 - and for half a century innovation and reliability have always been our top priorities. Our ice machines, proudly made in Italy in our plant near Milan (Pogliano Milanese) or in Fairfax, South Carolina, USA, are nowadays distributed in more than 100 countries, with more than one million units installed worldwide!

Scotsman has been known as the benchmark in the Hotel, Restaurants and Cafeterias (HoReCa) Segment, where it is a synonym of "ice". Scotsman machines are a "classic", but now, with the "6 Series" they once again raise the bar for quality, design, and innovation in those details that most matter to Owner/Operators. Further innovations have been brought to life in what we define "bringing ice at arms reach" of the Operator, maximising hygiene, ergonomics, and ease of use. Here comes the dispenser, in various configurations, vertical ice transport systems, machine dimensions that adapt to each and every installation conditions. Scotsman is the true answer to all needs of production, storage and distribution of quality ice!

## Experience, Innovation, Reliability, Technical Support.

Innovation is at the base of the Scotsman philosophy and translates into a 'modus operandi' based upon three principles:

**Listen:** with more than one million ice machines installed around the globe we receive constant feedback - at Scotsman we value the experience of our partners and are willing to listen to any suggestions from your experience, in order to offer an even better product: you really are our out-sourced Research and Development Department!

**Design:** while on one side we rely on the information that we receive from our distribution network, the other drivers of our development are market analysis and research, as requests from different segments are constantly evolving. This information and our constant attention to the market allow us to anticipate the needs of the end users of ice machines, and to offer solutions specifically designed to meet their new requirements. Our final goal is to turn each customer into a satisfied and loyal customer, wherever they are in the world.

**Develop:** the final touch is creativity using state-of-the-art technology that allows us to develop new products as well as upgrading our existing ones, with constant attention to better performance, ease of use and maintenance and cost reduction, without compromising on the quality of our brand. Each and every new model is tested and certified according to the most stringent International quality protocols.

### The result is the leading ice maker brand... World-wide.

Scotsman's mission has not changed throughout the last 60 years: fulfilling the requirement for quality ice, day after day.

We strive for reliability from the very first stage of design, through to the manufacturing stage. Each and every unit is factory tested before leaving our facilities, which is why a Scotsman ice maker starts delivering excellent ice, cubes or flakes, from the very first batch. All the components of a Scotsman ice machine undergo rigorous tests. Our QA department's system requires that each new model undergoes a number of specific field tests in demanding working environments, in order to guarantee an excellent quality standard in line with the reputation of the Scotsman brand name. Our commitment to quality and reliability is testified by the warranty that covers all our products.

### When you buy Scotsman, you buy reliability.

Our Customer Service Department is constantly available to support our local network of installers and service technicians in their day-to-day work. Moreover, our Customer Service Department constantly organises regular technical seminars and training, ensuring our aftersales service operates to a quality standard in line with that of the Scotsman brand.

### Warranty and Certifications

Scotsman is the world's largest ice maker manufacturer. We are well known to most International QA institutes and our products are endorsed by the most prestigious certifications.



## Scotsman: the smart choice in ice machines.

**Scotsman**  
Ice Systems



## Ice the world demands



[www.scotsman-ice.it](http://www.scotsman-ice.it)  
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+27-086-634-0803  
[stuart@scotsmansa.co.za](mailto:stuart@scotsmansa.co.za)  
[jennifer@scotsmansa.co.za](mailto:jennifer@scotsmansa.co.za)

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