

Scotsman[®]
Ice Systems

WORLD
PREMIERE
@ Euroshop
2014

Long lasting, white, easily spreadable Nugget Ice
is delivered directly on the counter:
no more hand carrying or shoveling!

Ice "Totem"



“Totem” Nugget ice machine... ...stands behind!

Labor costs and operator physical stress generated by loading the display counter the standard way are eliminated.

Instead, staff have now plenty of time to focus on the **food merchandising** work. Machines **daily operating hours** are reduced to **seven, or ten at the most**. **Ice output capacity** needs to be accounted for by the **hour**, or by the **full overnight cycle** (8 hours), and only marginally on the full daily capacity (24 hours). The **total number of units** to be installed is influenced by the **width of each “ice pyramid”** created on the display counter by each ice machine, which effectively determines **the space between adjacent machines**. Hourly capacity and ice pyramid base width are the parameters to be considered when **calculating the number of machines to be installed**. At the same time, traditional capital investments in ice storage and transport equipment **is no longer required**. Additional ice needs are accommodated by **keeping one or more of the machines in function during the day**, so that more ice is made available in something like an **ice cart positioned at the side of the “Totem”**. Ice then falls in the cart through the **side ice-chute**, provided specifically for this purpose. **The “Totem” is a “split” unit, in order to reduce its footprint.**

Being connected to the **Low Temperature central-cooling unit**, ice production will use **excess refrigeration capacity overnight**, thus **maximizing the efficiency of the entire refrigeration system and reducing energy running cost.**

“Totem” production capacity (@21°C air, 15°C water)

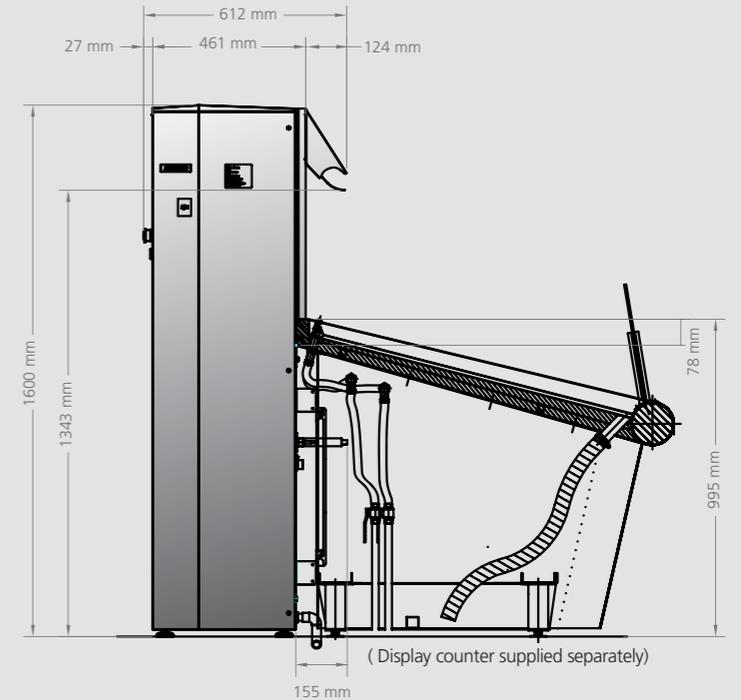
Hourly production: up to 18 kg (40 lbs)

Overnight (8hr) production: up to 147 kg (324 lbs)

Daily (24 hr) production: up to 440 kg (970 lbs)



Nugget Ice Cubes - 1g
Residual water content 8%
Ø 11 mm x H 13 mm



New Concept!

With the Scotsman “Totem” Nugget ice maker, the ice machine is positioned in the food display area, at the back-side of the fresh food display counter.

Ice is delivered directly to the counter, with no need of ice storage.

The fresh food counter is loaded with ice during the night hours and is ready for food-display early in the morning.

Daily manual work, required to load the ice, is history!

Quantity and quality...



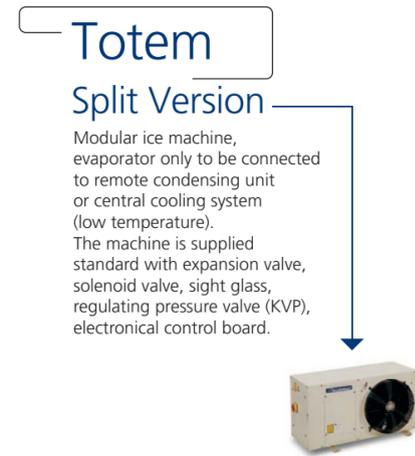
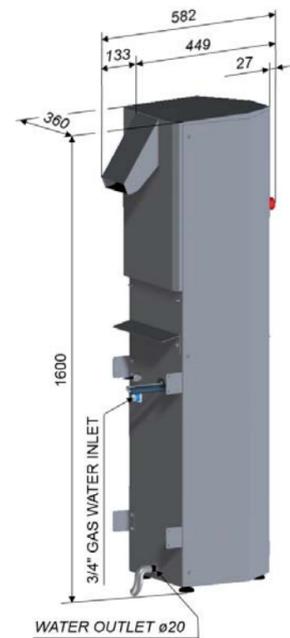
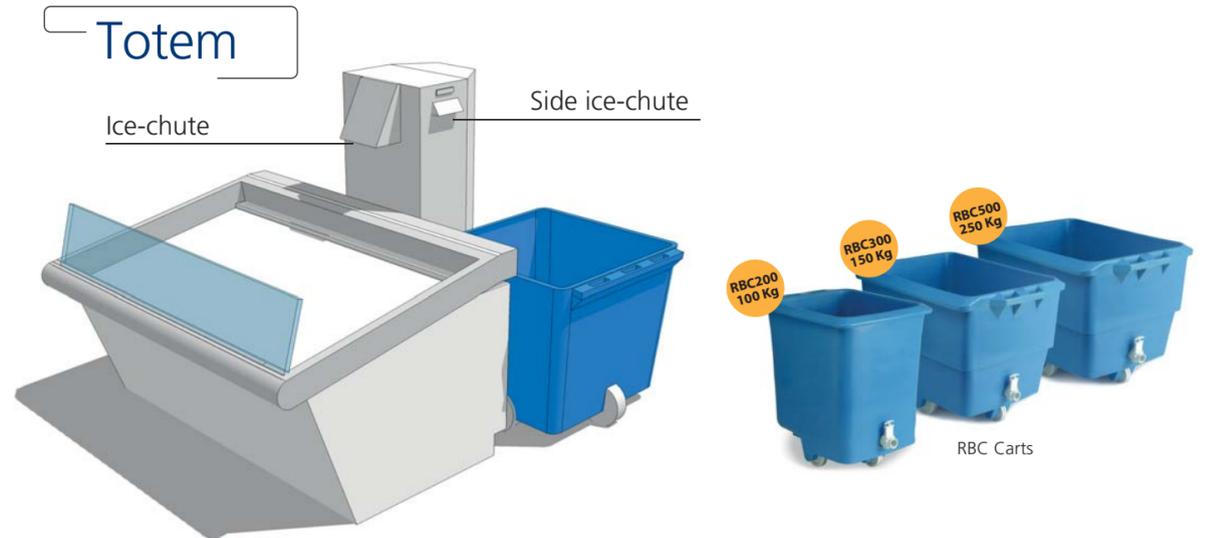
on parts as per Scotsman warranty policy



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"Totem" unique advantages

- **Space saving:** reduced footprint, only 0,15 sq mt! No more ice-storage (cold room or ice storage bins) required
- **Energy saving:** the "Totem" works at night, using available refrigeration capacity from Low temperature cooling system, @ lower electrical rates
- **Labor saving:** ice bed preparation time is greatly reduced (average from 1h to 1,5 hr for a 10 mt long display counter)
- **Hygienically safer:** less ice manipulation through direct display load keeps ice protected from possible bacterial contamination
- **Great for Merchandising:** operators have now more time to dedicate to ice bed preparation; nugget ice whiteness offers food color enhancement, for greater impulse purchase, and it's near zero C° temperature creates best conditions for delicate food re-hydration
- **Improves working conditions:** as ice is loaded directly on the counter, work is less physically stressful and the risk of accidents from ice transport and manipulation are virtually eliminated



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Ice the world demands



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