



THE NEXT GENERATION OF ICE MAKING



FastICE® is the most significant ice making innovation since the introduction of the Zamboni® ice resurfacing machine. FastICE users see increased efficiency, energy savings and substantially improved ice quality. The FastICE system includes an advanced Flash Freeze spraying system, ICE Control computer integration and ICE Dart data readings.

ICE control™



The ICE Control onboard computer is a water flow management system, which integrates the spray thickness with the ground speed of the ice resurfacer. This produces more consistent ice, independent of the operator.

Computer Controls

The operator controls real-time functions of the FastICE System using its control module. The system is easy to use, allowing the operator to increase or decrease spray thickness and output on the go. Adjustments are made instantly in response to ice conditions while the resurfacing is underway. A "blast" button allows the user to apply additional water when needed.

Computer Console

The computer console provides the operator with important information on a durable backlit LCD screen. Users can switch between several preset screens with the touch of a button to view live data for:

- Ground Speed – the actual speed of the ice resurfacer
- Spray Thickness – selected by turning the spray adjust knob
- Water Used – the amount of water applied during the current application
- Temperatures – surface, air and water infrared temperature readings
- Relative Humidity – relative humidity air sensor readings
- Times – start, finish and total times for current application



ICE dart™

Data Retriever

The ICE Dart data retriever is a pocket sized device that is used for retrieving data from the FastICE computer console. Plug the data retriever into the computer console, press the "bull's-eye" button, and live data is downloaded in seconds. Connect the ICE Dart to the serial port of your computer and data is transferred for detailed reporting and analysis.

Management Reports

The FastICE computer system records complete information from each resurfacing and ice building application. The data retriever allows the user to transfer the records to a personal computer.

After transferring data to the facility's computer, operations staff and management can view or print detailed FastICE system reports to monitor ice conditions, operator performance and application trends.

FLASH freeze™

The Flash Freeze advanced spraying system sprays pressurized water onto the ice. Spray nozzles convert water into fine droplets – forming a smooth consistent application which freezes quickly and bonds to the existing ice surface.

Hydraulically Controlled Water Pump

A hydraulically controlled pressurized water pump system integrates with your resurfacer and a speedometer. The systems work together to increase or decrease the flow of water which is adjusted based on the speed of the resurfacer and the computer-controlled spray rate.

Spraying System

Attached to the conditioner of the ice resurfacer, the Flash Freeze spray system uses rows of dripless nozzles precisely spaced to create an even and accurate application.

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ZAMBONI®

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