



Harder, Safer, Faster – Simply Better Ice!

THE FASTICE™ SYSTEM: A REVOLUTIONARY WAY TO MAKE ICE

What is it?

'FastICE™' is a revolution in professional ice making. With the 'FastICE™' system in place rinks will have ice that is harder, less brittle and less prone to chipping than ice created by traditional ice resurfacing systems. The result is a skating surface that is safer, faster and smoother for players to skate on. The 'FastICE™' system builds a denser sheet of ice. It can also generate significant savings in energy costs for rink owners.

The system consists of three main components: the FLASHfreeze™ spraying system sprays precise amounts of water on the ice surface, the ICEcontrol™ onboard computer controls the application and the ICEdart™ data retrieval and management system captures precise data about ice conditions and the settings used to make the ice. These components can be easily retrofitted to ice resurfacers in use at the majority of the private and professional rinks in North America. Taken together these three components produce ice that is demonstrably better than ice produced by conventional systems.

FLASHfreeze™

The FLASHfreeze™ hydraulic spraying system replaces the gravity feeder in use on a conventional ice resurfacer. FLASHfreeze™ sprays pressurized water onto the ice through two rows of evenly spaced driplless nozzles. The spray nozzles convert the water into fine droplets that freeze quickly and bond to the existing ice surface. The hydraulic pump that feeds the sprayer is connected to the speedometer of the ice resurfacer. The two systems work together so that the flow of water increases or decreases with the speed of the resurfacer to guarantee a uniform and consistent ice surface.

ICEcontrol™

The ICEcontrol™ onboard computer is a water flow management system that integrates the spray thickness with the ground speed of the ice resurfacer to produce consistent ice. The computer console provides the operator constant live data about ground speed, spray thickness, water used as well as the temperatures of the ice surface, the air and the water, relative humidity and the start, finish and total time for the current application. With the ICEcontrol™ computer the operator has the option of automated or manual operation for precise and instantaneous control in response to ice-making conditions and demands.

ICEdart™

The ICEdart™ data retriever is a pocket-sized device that is used for retrieving data from the ICEcontrol™ computer console. All settings and conditions associated with an ice making operation can be captured and transferred to a personal computer for analysis of ice conditions, operator performance and application trends.

FOR ADDITIONAL INFORMATION

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