

Vinpearl Golf Nam Hoi An



Overcoming the Challenges of a Course Built on Native Sand Dunes

Property Details:

Developer

Vinpearl Golf (a member of Vingroup JSC)

Irrigation Contractor

Gateway Equipment Vietnam

Superintendent

Mr Pham Xuan Nga

Architect

IMG Worldwide

Installation Date

July 2018

PROJECT OVERVIEW:

Vinpearl Golf Nam Hoi An is the 18-hole golf course in Vinpearl Resort & Golf Nam Hoi An combines immaculate holiday facilities. Vinpearl Resort & Golf Nam Hoi An is situated south of the historical town of Hoi An in Quang Nam Province and includes a 5 star resort & hotel, Vinpearl Land Amusement park, Vinpearl River Safari wildlife care and conservation park; VinEco - ecotourism destination and Vinpearl Golf. The golf course has been designed to provide members and hotel guests a unique links style golfing experience from. The course has utilized local trees and native grasses in the out of play areas to replicate the original sand dune ecology.

CHALLENGES:

The golf course has been built on native sand dunes with high infiltration rates and very high summer temperatures so Vinpearl Golf required an irrigation system with individual head control to allow flexibility to adjust watering schedules on the high and low points of the course and achieve elite playing conditions year round. The irrigation installation had to be completed in 4 months. Vinpearl Golf chose the IC system for its fast and accurate diagnostics and the ability to communicate with the Rain Bird pump station and ensure the system could precisely replace precipitation to their unique climatic conditions and respond to changing conditions by automatically adjusting irrigation through real time communication.



RESULTS:

They chose the Rain Bird® IC System™ for advanced diagnostics and single-head control that would allow them to irrigate with precision. The IC System allows the superintendent run diagnostics every morning in a matter of seconds, and instantly know if any heads experienced issues. Coupled with MI they have the flexibility to activate heads during peak summer and address dry areas from their mobile devices. A Rain Bird pump station was chosen allowing for the use of the Rain Bird Smart Pump™ software. With Smart Pump, the Central Control computer knows what the actual flow being used is and what is available, reducing the watering window and wear and tear on the pump station to help reduce maintenance costs. The 700 & 751 rotors offer the flexibility to switch from full-circle to part-circle operation at the turn of a screwdriver, while maintaining the arc settings with Rain Bird's MemoryArc™. The use of these rotors allows the superintendent to adjust the arcs when the wind direction changes between summer and winter and reduce overthrow into the native grass areas.

