

Elemental Gazette

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Your source for the latest news from Elemental Effects

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Making a Splash

Spring once again finds us in the United Kingdom.

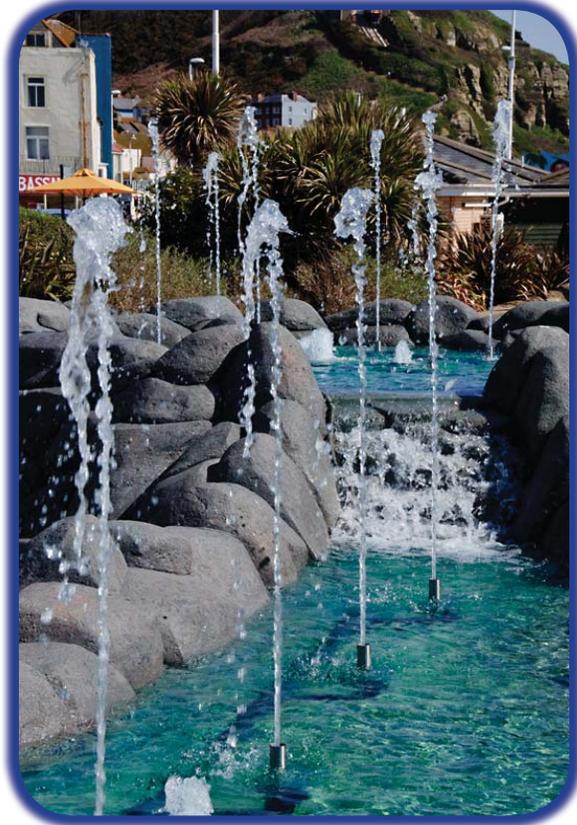
Chris Richards of Adventure Golf Developments, sales representatives for Castle Golf in the UK and Europe, ask us to come in and add some water features to his existing course, Hastings Adventure Golf, in Hastings England. Hastings Golf has a total of three 18 hole courses: Adventure, Crazy and Mini. Each offers different experiences for players..

Our first area of interest on the Adventure course was the 120ft stream that is the major feature in the first half of the course. In the stream we installed 24 of our PJ-7550 Pop-Jet fountain heads to create a dancing fountain.

Each of the Pop-Jets head is individually controlled allowing for a nearly infinite number of possible looks and sequences. The current show at Hastings Adventure Golf runs for two minutes and repeats every five minutes. The show includes chases, waves, random, alternating and wall looks. Check out the media page on our website for a video of the fountains in action.

This system is powered by four variable speed pumps which allow for variable effect heights from 1 to 10 feet. This feature is also linked to a wind monitor that automatically adjusts the height of the fountain to keep the water in the ponds. This limits water loss and the possibility of getting the guests wet.

The Pop-Jet heads are housed in a stainless steel assembly which protects the control head and nozzle from environmental and physical damage.



We also added a set of Spitting Tikis on hole 8 of the Adventure course.

For this application we created three unique tiki sculptures. Next to the tee there are two tikis that heckle the players as they attempt to concentrate on their shots. Further down the course is a larger four faced tiki that keeps the players on guard near the ball cup.

Now they are not called Spitting Tikis for nothing. Each of the six faces also has a water jet that produces a slug of water that travels up to 15 feet. These water jets start at over 6 feet up and miss all but those guests who do not pay close enough attention.

The spitters are synchronized to custom voice tracks which give each of the faces a character all their own. Sequences are triggered when the players approach each tiki and with 20 different sequences the tikis keep even repeat customers guessing about what will happen next.

The tikis are fabricated of high quality fiberglass with an internal steel frame and are secured to concrete footings which make them extremely sturdy and resistant to physical damage. Speakers, water jets and sensors are all mounted inside the tiki sculptures and secured behind keyed access panels.



Starting in the winter of 2010 Hastings Golf will be updating their Mini Golf course to a smugglers theme complete with battles between the smugglers and revenueurs ships. E2 is on board to provide special effects for this project and will be adding water fog effects to both the new Smuggler's course and the existing Adventure course. We expect to begin our installation on this phase in the spring of 2011.

PRODUCTION UPDATE:

We've now added a machining center to our shop and the Hastings Pop-Jets marks first the major machining project that we have produced completely in house. The addition of the machining center allows us to manufacture the short run custom parts that are a part of many of our projects at a lower cost than having them produced by a third party shop. This will allow us to offer better value to our clients without sacrificing product quality.

