

Densification, Inc. chooses Liebherr HS 8100 duty cycle crawler crane for luxury oceanfront residential project in Puerto Rico

- Virginia-based company handles all types of dynamic compaction projects worldwide
- Modular design of crane is easily configured based on jobsite needs

Newport News, VA (USA) May 21, 2019 – Thirty two private oceanfront homes in Puerto Rico will have a firm foundation thanks to a Liebherr HS 8100 duty cycle crawler crane. Densification, Inc., a Virginia-based company, chose the crane to help prepare residential building lots as part of a multimillion dollar project within a five diamond resort. Densification is using a 20-ton weight dropped from 80 feet on the Puerto Rico project to prepare the site for further construction The lots should be ready for home building in early 2020.

Founded in 1994, [Densification](#) is based in Loudoun County, near Washington, DC. The company is a dynamic compaction contractor and has successfully completed more than 900 projects throughout the United States and the Caribbean. Their experience also includes work on stadiums and airports, and the company has specialized knowledge and extensive experience in providing solutions to property owners and developers when there are poor soil conditions.

The crane was transported from the US mainland to Puerto Rico and assembled at a remote job site. The design of the [HS 8100](#) makes transport and setup efficient due to a self-assembly package that allows the crane to be unloaded and put together without the use of an assist crane.

The HS 8100 is a 100 US ton-class purpose-built duty cycle crane with a maximum boom length of 194 feet and two 61,800 pound line pull winches. With a transport height of 10.4 feet and a transport width of 11.4 feet, the crane is easy to move and setup. Thanks to a modular design, the crane can easily be configured for special jobs, such as dynamic soil compaction, dragline, clamshell or material handling. All crane components are designed with space saving and weight optimization in mind to make moving on the road to and from job sites simple and efficient. The crane's control system is based around color displays that clearly show machine

and service data. Movements can be performed simultaneously, allowing for quick working cycles.

Densification chose a Liebherr crane because of confidence it will withstand tough duty cycle use. It's easy to mobilize, simple to operate and complements the company's existing fleet of nearly two dozen cranes, according to Vice President Robert Shaffer. "The consistent performance of the HS 8100 gives us confidence the job will stay on schedule," Shaffer said.

Image

liebherr-images-densification-hs8100-PR project



Caption

Densification, Inc. chose a Liebherr HS 8100 crane to perform dynamic soil compaction work on a luxury residential project in Puerto Rico.

Image

Liebherr-images-densification-hs8100-PR project-2



Caption

Densification, Inc. chose a Liebherr HS 8100 crane to perform dynamic soil compaction work on a luxury residential project in Puerto Rico. The work is part of readying the site for home construction in 2020.

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