



WE LIFT YOU ABOVE ALL

# HOW TO ACCELERATE THE MOST EXPENSIVE MALL CONSTRUCTION PROJECT AND REDUCE OVERALL COST



[www.alphaplatforms.com](http://www.alphaplatforms.com)

American Dream Meadowlands is the second-largest entertainment and commercial center in the US, taking a whopping 13 years and \$6 billion to build. It is home to DreamWorks Water Park, the largest indoor water park in the United States. Inside the water park, the largest covered indoor wave pool with artificial waves lapping over 1.5 acres was under construction.

The general contractor needed to lift and attach water park decorations and lighting as well as paint under the roof. To accomplish this, they would have needed cranes combined with a very tall manlift for the workers. Unfortunately, available JLG and Genie lifts could not reach the necessary height to perform the required tasks.

## THE CHALLENGE

The construction floor bustled with swarms of laborers with equipment hustling to complete various parts of the 8.5-acre water park. Setting up scaffolding for height jobs would have blocked the whole area and delayed the project another couple of months. Building and moving scaffolding around would have also cost \$500,000 to \$600,000 in equipment alone.

The result would have been cascading extra expenses on a project that was already over-budget.

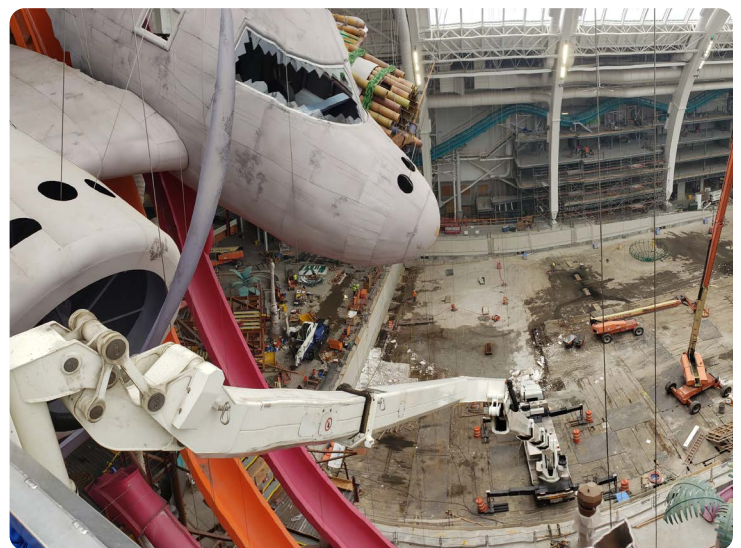
The construction company was facing a fast-approaching start date for pool excavation with millions of dollars at stake. However, the current construction project was behind schedule and a quick solution was required. They needed to attach hanging decorations, the world's tallest 142-foot tall indoor drop slide, and lighting to its high ceiling before the excavation could begin.



## THE SOLUTION

To meet the burning timeline and save the budget, the client engaged Alpha Platforms for a week-long project to lift and attach large decorations and lights around the water park area.

Alpha Platforms dispatched its [A-175](#), a 175-foot telescopic boom lift with a side reach of 120 feet. Its 31-foot maneuverable jib boom turned the generous 12-foot basket virtually 360 degrees to easily access every spot under the slide's roof. All of this was accomplished from a single parking spot. Our basket can lift 1,320 lbs., reducing the number of trips up and down for most jobs at height.



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Intervention by other heavy equipment would have been severely restricted due to the narrow entry point of just 13 feet, 6 inches tall. Our truck-mounted aerial platforms are 13 feet, 2 inches high, meeting federal regulations for commercial truck height.

Cranes handled large plane parts, while we lifted small parts, tools, and the working crew. The client's team placed their welding machine in the cage and used hydraulic tools powered by the built-in lift basket outlets.

The work was done in the middle of a sweltering summer. The building was not air-conditioned during construction, and under the roof, the temperature was dangerously hot. Workers operated in two shifts: descending, resting, and cooling down every two hours in a special cooling room.

## THE OUTCOME

Alpha staffed two shifts of operators to work all day long, ensuring uninterrupted work. Portable air fans and air conditioners were installed in our cage to help reduce the effects of heat.

In just a week, Alpha Platforms supported installation of the decorative airplane, light fixtures, and decorations of the waterslide. We worked alongside dozens of other teams and heavy equipment (cranes, JLG/Genie lifts), reaching and lifting parts to areas no JLG lift could reach, eliminating the need for multiple cranes.

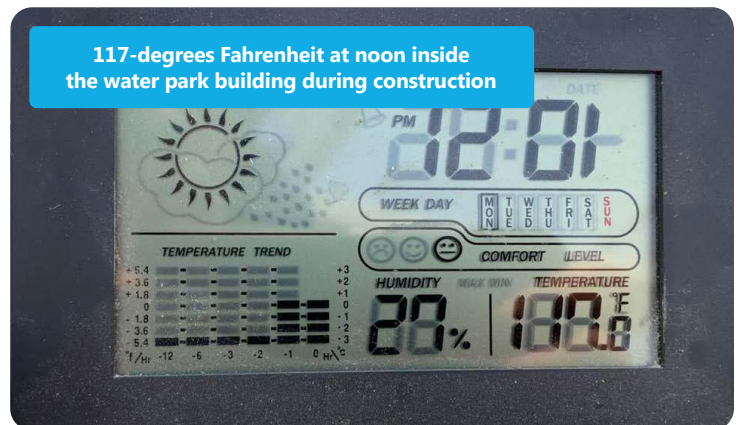
JLG/Genie lifts on site did not have up and over capability, have a small cage size, low maneuverability, and no side reach – necessary elements for successful completion of this project.

We effectively eliminated the need for scaffolding in the swimming pool area, thereby keeping the pool area open for other simultaneous work.

Using Alpha Platforms significantly accelerated the client's construction schedule and dramatically saved their budget.



Electrician with all his light fixtures and tools easily fit in our 12-foot basket



117-degrees Fahrenheit at noon inside the water park building during construction



A-175 up and over action with its 31-foot jib boom and a 12-foot cage vs. a Genie SX-180.

**Our precise German-made lifts have become the height access method of choice for those who try them, as they combine unmatched productivity, safety, and reach.**

**Our all-inclusive service significantly reduces the amount of effort and costs to our clients, giving them an opportunity for enormous savings and project acceleration.**



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