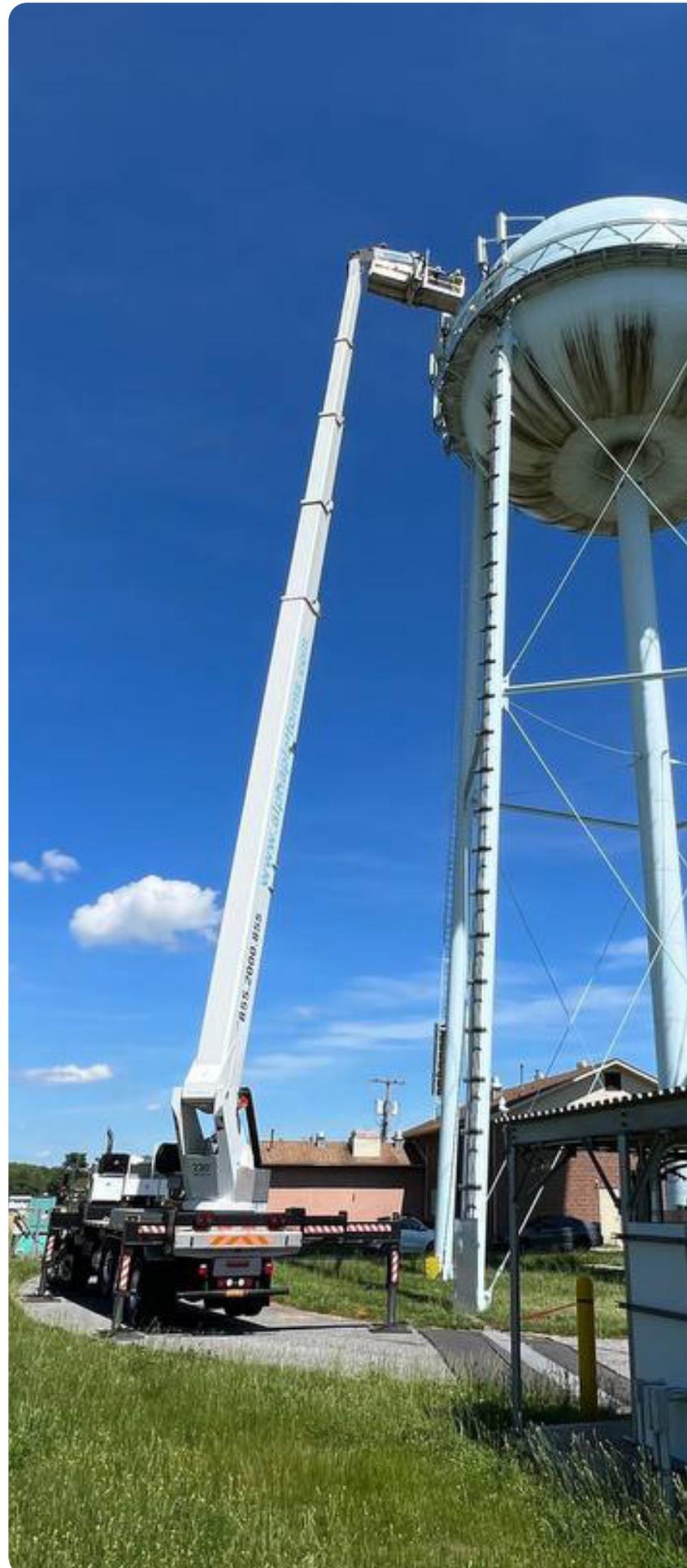




**ALPHA  
PLATFORMS**

WE LIFT YOU ABOVE ALL

# HOW TO WELD SIX CELL ANTENNAS ONTO A 150-FOOT WATER TOWER FROM JUST TWO GROUND SETUPS



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

## THE CHALLENGE

An international tower installations and maintenance provider reached out to Alpha Platforms to hire an aerial platform to replace broken cell antennas with new ones and weld them to the 150-foot water tower in the town of Clayton. Previously, the company used ropes, Sunbelt, United Rentals, or local crane companies. Alpha Platforms competed with a 150-foot JLG for this job.

The challenge was getting full access around the entire tank to install antennas with room in the cage for two welders, welding equipment, and antennas (old and new) while welding safely.

The generous size of our lift cage, the cage's electric power for the welding machine, the overall value offered by operated rentals, and Alpha Platforms' all-inclusive service convinced the client to give us a try.

## THE SOLUTION

To reach the 150-foot tower, Alpha Platforms deployed its A-175 truck-mounted aerial platform with a full-time trained IPAF-certified operator. The operator delivered the platform straight to the job site by 7 am on the scheduled day, set it up in just 15 minutes, and invited the welding crew in the basket.

Alpha's team helped the welders with safe setup and cage protection by purchasing and using welding blankets around the basket, which sped up the antenna replacement process and protected the lift's cage. Two welders placed all their welding equipment, antennas, and welding blankets into Alpha's 12-foot-wide, 1,320-pound load capacity basket.

The specs of our state-of-the-art A-175 lift can be seen [here](#).

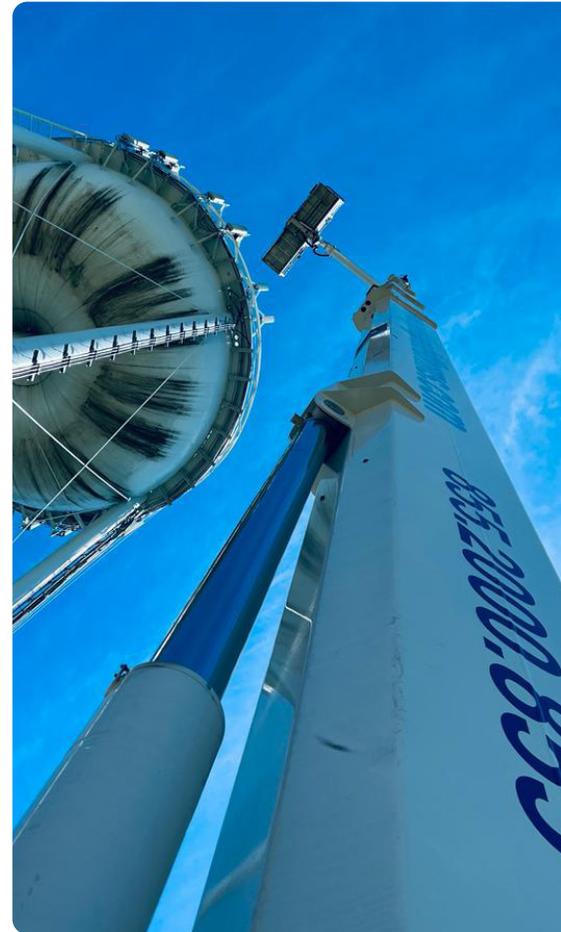
## THE OUTCOME

To access hard-to-reach places, Alpha's professional operator maneuvered the lift all day as the project progressed, getting the lift in areas quicker than with a standard JLG lift. Our lifts do not require as much movement around the site to reach multiple access points as the standard JLGs, thus minimizing the risk of damage to the antennas.

Due to Alpha Platforms lifts' unique "up and over" maneuverability, the entire project was completed from just two setup locations next to the tower.

**As a result of using more sophisticated equipment and a professional operator provided by Alpha, the client cut the planned work time by 1.5 days.** The welders were impressed by the lift's smooth and fast movement and the feeling of the basket's extreme stability, providing an overall safe experience without breaking or hitting any antennas during replacement while accessing the tower's entire perimeter.

**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.**



To try the same world-class service and equipment, just call or email:

info@alphaplatforms.com  
 www.alphaplatforms.com

**855-2000-855**