



**ALPHA
PLATFORMS**

WE LIFT YOU ABOVE ALL

**HOW TO SKIP
THE CRANE AND
SQUEEZE A 230-
FOOT BOOM TRUCK
IN A NARROW
10-FOOT GLASS-
WALLED WELL
OF A NEW YORK
CITY LANDMARK
BUILDING**



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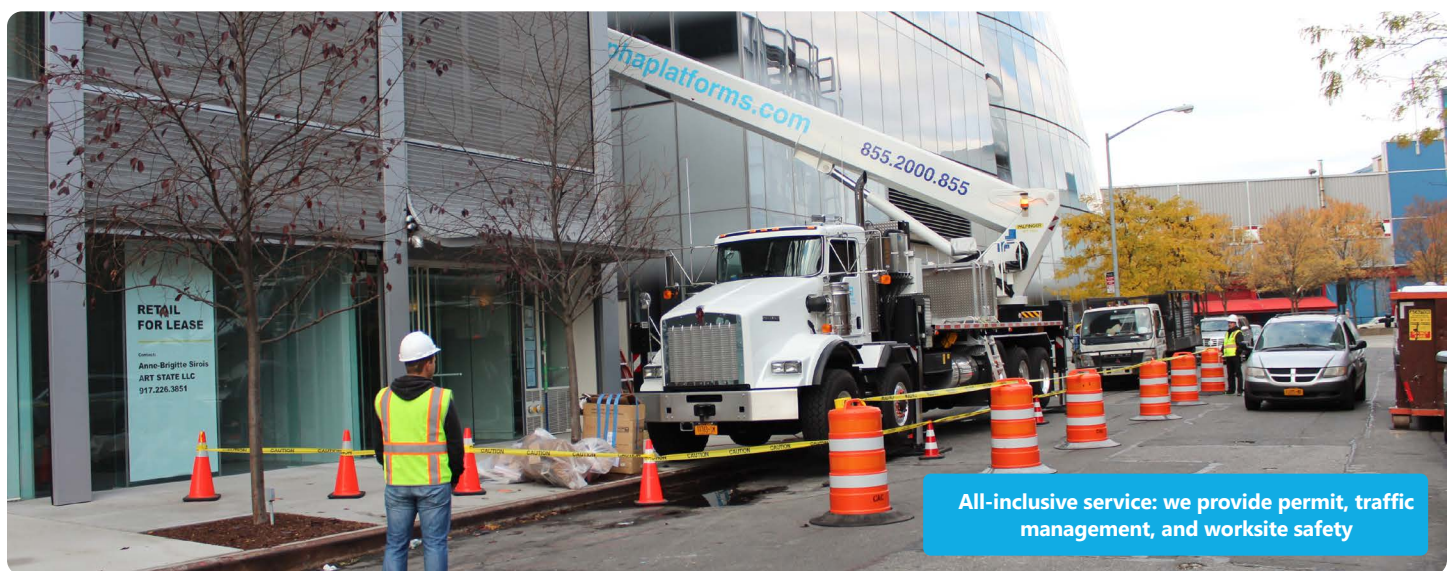
The local construction contractor had to cover two glass sides of a 9-story residential dwelling with decorative grill façade panels. This building is adjacent and sits precariously close to the legendary glass IAC Building, known as "The Iceberg."

THE CHALLENGE

The job site presented significant challenges with its narrow access alley to the building, fragile walls of glass on both sides of the alley, a busy city street, and seemingly impossible-to-reach spaces.

Specifically:

- The narrow, sloped garage driveway dividing the two buildings varied between a mere 10 to 22 feet wide. Neither the crane nor the man-lift would fit. It would be impossible to fit both.
- Each grill unit was 15 feet long and weighed about 100 lbs., making it hard to maneuver in such a tight space.
- A man-lift's typical jerky motions would increase the risk of scratching or breaking the glass.
- Setting up a JGL on the street would make it impossible to access the Iceberg-facing sidewall.
- Setting a JLG on the sloped driveway leading to the Iceberg building's underground garage was not possible: JLG can only be set on a level surface.
- JLG did not offer a boom long and maneuverable enough with the powerlifting attachments necessary for this job.



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THE SOLUTION

To complete this job while minimizing risks and costs, the client hired Alpha Platforms to deploy its flagship **A-230 model**. Their 230-foot aerial boom platform comes with unique capabilities:

- up to 1,320 pounds of cage capacity;
- up to 115 feet of side reach with a 31.5-foot extendable jib;
- the ability to reach “up and over;”
- and a German-engineered ride-and-turn cage with smooth and gentle maneuverability of 2 x 80°.

The Alpha team secured a street permit and delivered the A-230 to the site at 7 am. A 15-minute setup allowed the client to start work immediately. In the meantime, Alpha Platforms’ traffic team created a worksite perimeter and directed all traffic (vehicles and pedestrians) for the project’s duration.

Alpha’s boom lift truck stayed in one staging area where it lifted and moved the panel-installation team along the glass balconies on each side of the building. The A-230’s 115-foot side reach enabled the boom to reach across both sides of the building from the bottom to the top floor and the roof.

Our team lifted the panels and equipment in our large 12-foot cage using the PowerLift cage attachment. Per the client’s request, two of our crew members helped load the panels onto the PowerLift. They also held them in place while attaching them to the building walls. This extra assistance reduced the client’s labor costs.

THE OUTCOME

The A-230, with its unprecedented maneuverability and 115-foot side reach, with a generous cage rotation of 2 x 80 degrees, lifted the panels without needing a crane, saving tens of thousands of dollars. An efficient setup enabled the work to start immediately and cover both sides of the building from a single parking spot. The entire job was projected to take two weeks.

Alpha Platforms finished it in just three days.

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.



Tight space (10 feet) between the glass buildings (“Iceberg” is on the right)



Extra-wide 12-foot cage smoothly carrying long metal parts reduces the risk of damage to glass walls



The jib turns the cage by 80 degrees in each direction



Collaborating with workers on the roof

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