

**Taking installation
to new heights
in Chicago
with sky high
building access
solutions.**



151 North Franklin is a 35 storey office tower located in the heart of Chicago's financial district.

One of the most technologically advanced buildings in Chicago, it includes a professionally managed fitness center, a high-tech multi-purpose conference space, executive in-building parking, a restaurant and café, outdoor plaza, bike room, a second floor outdoor terrace and a rooftop terrace.

A tall building for 35 stories, each office floor has ceiling heights of 10 feet and floor to ceiling glass. This is to maximize daylight and offers stunning views of the Chicago skyline.

CoxGomyl was faced with the challenge to provide a single building access solution that could access the entire facade of the tower. This included hard to reach areas underneath signage, as well as fulfilling the requirement of a platform rating of 453.59 kg and the ability to accommodate three operators.

This project came with the unique challenge of requiring the Building Maintenance Unit (BMU) to be air lifted by helicopter due to restrictive ground access.

The BMU has 180 degrees slewing capability in both directions and maximum reach of 33.7 meters. It has 5 jib stages and extends using gear and pinion driven by 2 motors on each jib. The basket is 9.14 metres long that covers 6 horizontal window panels per drop. The material hoist capacity is 680.38 kg and has a separate hoist box located on the primary jib. Most of the materials used are Galvanized construction steel and aluminum for the cradle. The facade access solution provides complete access from ground to roof level.

FACTS & FIGURES

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|-----------------|------------|
| Commencement | 2016 |
| Completion | 2017 |
| Building Height | 171m |
| Floor Count | 35 |
| No. of BMUs | 1 |
| Outreach | 33.7m |
| Building Type | Commercial |

