



HYDRO MOBILE

ELEVATING
EFFICIENCY

Austin High School
Chicago, IL - USA
2007-2008











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Austin High School: Courtyard renovation leaves limited access for equipment

The renovation of Austin Community High School in downtown Chicago presented a major challenge for the contractor Restore Masonry LLC, as it was faced with finding out what access equipment could provide sufficient productivity to make the job profitable while being installed in the school's courtyard, accessible only through a narrow entrance

Contracted to remove and replace all the brick piers and shelf angles on this four-story building, Restore Masonry LLC decided to use the M-Series from Hydro Mobile for the school's outside facade, as they knew -having used this product for over nine years- how effective this high-load capacity mast climber could be on restoration projects.

They also turned to Bracing Systems, their Hydro Mobile dealer, to find out if they could use mast climbers in the school's courtyard as well. Eric Ziemann, Supervisor at Restore Masonry LLC, explains: "Hydro Mobile's P-Series turned out to be perfect for the job, as the machine's core unit and bridges can fit through a 36" opening and provide sufficient capacity for both demolition and bricklaying."

Motor units and bridges were brought into the courtyard and assembled by hand, in single- and twin-mast configurations, in less than 4 hours. "This equipment is very versatile", comments Eric Ziemann. "During the demolition process, the wide work area allows us to have our complete workshop with all necessary tools at hand and always positioned at the working height. During the brick replacement process, the P-Series had enough capacity (up to 11,450 lb. in twin-mast configuration) to host working materials for a whole day's production. What's more, Hydro Mobile's mast climbers can turn corners, thus adapting to the contours of most facades."

A portable hoist was also installed on the school's roof, so that bricks and other heavy materials could be lifted above the classrooms and directly set on the mast climbers.

With a total of 14 mast climbers on the site, this renovation project will be completed by July 2008, just over a year after it began.

Hydro Mobile is a privately owned corporation. The company is mainly involved in the design, manufacturing and distribution of mast climbing work platforms for the construction industry. Hydro Mobile platforms are distributed throughout North America and Europe through a wide network of distributors that are recognized as key players in construction equipment sales and rental. With over 5000 platforms on the market, Hydro Mobile is unquestionably the leader of the industry.



| SPECIFICATIONS | P-SERIES | M-SERIES |
|---------------------------------------------|--------------------------------------------|---------------------------------------------|
| Max. Capacity | 8,400 lb. (L: 3'-3") 6,000 lb. (L: 28') | 22,000 lb. (L: 24') 18,880 lb. (L: 60') |
| Max. Capacity with two units | 11,450 lb. (L: 52') 9,750 lb. (L: 84') | 41,880 lb. (L: 60') 35,750 lb. (L: 138') |
| Climbing Speed | 10 fpm | 3 fpm |
| Max. length with one unit | 28' | 60' |
| Max. length with two units | 84' | 138' |
| Max Height * without prior authorization | 250' * | 250' * |
| Tie Distance | 20' | 20' |

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