

The Borgata Hotel & Casino

Northeast Mast Climbers provides access after fire destroys curtain wall



Northeast Mast Climbers provided access to an area that was over 470 ft high and 60 ft wide.

On Sept. 23, 2007 a fire at the Borgata Hotel & Casino's new Water Tower caused extensive damage to the exterior of the building. In seven minutes the

entire south facade of curtain wall and panels were completely destroyed.

Within days of this event, Northeast Mast Climbers was called in to discuss

how access could be provided to the entire facade. This area was over 470-ft high by 60-ft wide. The problem was two-fold, demolish the damaged pan-



A dual twin, two units stacked on top of each other, sharing a common mast was used.

els and curtain wall and assist in the installation of the new system.

It was determined that a twin MS-ProMax would be ideal for the project. At 36 ft per minute, its travel speed is one of the highest for any mast climber. It was also determined that a jib would be required to hoist away the old system and to bring in the new one.

However, there was one very large problem. The Borgata is situated on the marina in Atlantic City, NJ, a location which has the highest average wind speed in the United States. Northeast Mast Climbers recommended a dual twin, two units stacked on top of each other, sharing a common mast. This bottom mast climber was used to guide the new panel up to the mast climber above when the wind conditions would otherwise make it impossible.

This solution allowed APG International, Inc. to work on days that would not have been possible otherwise. When it became necessary to replace the bolts that attached the steel to the shear wall, another benefit of the system became apparent. The top mast climber was used to replace the bolts and the bottom unit was used to install the new curtain wall/panel system. ■



A fire at the Borgata Hotel & Casino destroyed the south façade of curtain wall and panels.



Strong wind conditions made the job a challenge.