

HISTORIC TRAIN ENGINE LIFT PITTSBURGH, PA

BY THE NUMBERS



PROJECT FACTS

Name: Age of Steam Roundhouse Museum
Bessemer & Lake Steam Engine
Location: Pittsburgh, Pennsylvania
Type: Historic Train Engine



MAXIM FACTS

Project Duration: **Less than one week**
Total Contractors: **2 (Maxim operators, oilers and Rigging completed by Benkart Rigging)**



CRANE STATS

- **Tadano AC 7.450.1 - 500-ton All-Terrain Crane 176,400 pounds of counterweight**
- **Liebherr LTM 1400 500-ton All-Terrain Crane with 132,000 pounds of counterweight.**
- **The customer hired Benkart Rigging to provide the rigging service.**

MOVING "THE KING" - MAXIM CALLED IN TO MOVE AN LEGENDARY ANTIQUUE STEAM ENGINE.

THE PROJECT: When the Age of Steam Roundhouse Museum needed to lift a historic steam engine (The Bessemer & Lake 2-10-4 #643 - nicknamed "The King") and transport it from McKees Rocks, Pennsylvania (located outside of Pittsburgh) to the museum in Sugar Creek, Ohio (about halfway between Pittsburgh and Columbus) they turned to Maxim Crane Works.

The company's experience in understanding the complexities of lifting an important (and heavy) piece of U.S. transportation history made Maxim the perfect choice for this project.

The customer built a rail siding into the site approximately 35 feet from the pieces to be moved. The steam engine needed to be lifted and placed on flat rail cars to transport to Ohio.

EQUIPMENT: For this project, Maxim analyzed the problem and recommended a tandem lift using a Tadano AC 7.450.1 500-ton All-Terrain Crane with 176,400 pounds of counterweight and a Liebherr LTM 1400 500-ton All-Terrain Crane with 132,000 pounds of counterweight.

RESULTS: A successful and safe lift of a 500,000-pound steam engine. The lift was split into two parts, a 180,000-pound boiler and a 320,000-pound chassis. The engine is now ready for its journey to the museum in Ohio.

Photos by Samuel Saldutte

