

Metal Fabrication Shop Case Study

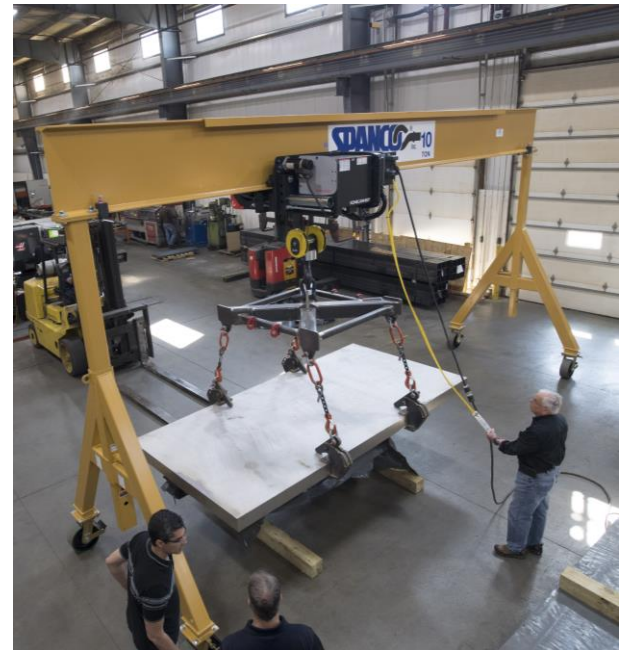
Bassett Industries



Bassett Industries is a large-scale metal fabrication company located in Pottstown, Pennsylvania. The 80,000 square-foot facility houses state-of-the-art tube bending, laser cutting, robotic welding, CNC machining, sheet metal forming, and water jet cutting machines.

Bassett Industries produces precision machined and fabricated parts and components for many industries, from windmill construction to health care products and everything in between.

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The Spanco Gantry Crane provided the lifting capacity and mobile capability Bassett Industries required.



The Challenge

Bassett Industries took on a job creating components for nuclear waste containment units. The parts are cut out of 5-¼-inch stainless-steel plates using their water jet machine.

These stainless-steel plates, which weigh up to 19,000 pounds, are delivered to Bassett's loading area near the water jet machine. From the loading area, they have to be lifted, moved into place, and lowered into the machine for cutting. However, none of Bassett's existing overhead lifting systems could handle that much weight, so Bassett had to find a different solution.

The Solution

Bassett Industries worked with a local Spanco dealer to select a Spanco A-Series Mobile Gantry Crane with a 10-ton capacity. The gantry crane was fitted with special Nylacron™ wheels to make it easier for worker to move the system manually, since the layout of the shop didn't allow for a motorized system.

The new Spanco system was able to meet all the needs of the application. The gantry crane provides the necessary lifting capacity and overhead clearance required for the project and keeps the personnel requirement to a minimum.

“The Spanco crane cut the load and unload time in half for this machine.”

David Milks – Bassett Industries