



## Gorbel® Work Station Crane Increased Productivity for Powder Coating/Painting Department

**Industry:**  
Manufacturing

**Product:**  
Powder Coating/Painting

**The Problem:**  
Paint process is a big hold up for getting product out the door

**The Solution:**  
Gorbel® Freestanding Work Station Crane



### Manufacturer seeks safer, more ergonomic solution for painting process.

A Gorbel® dealer who also manufactures their own products, was moving their operations to a larger facility. In their previous location they used an overhead crane or forklift to load carts for painting. The painter would then manipulate the carts in and out of the paint system as needed to prep and paint.



Knowing the high quality of the Gorbel® product lines firsthand, they chose a Gorbel® Freestanding Work Station Crane to maximize throughput while providing a safer and more ergonomic process for their paint department. The structure has a 4000 pound capacity with 2000 pound bridges and monorails. The two bridges each are twenty-seven feet eight and one quarter inches in length. The runway length is forty-seven feet, ten inches.

Free Standing Work Station Cranes are a great solution for a facility that doesn't want to put stress on the building's overhead structure. The installation is more straightforward, and they are easier to relocate in the future.

The system also includes eight Gorbel® Interlocks. The interlocks allow loads to be transferred from a bridge crane to monorail spurs and vice-versa. They are designed so the trolley stops will lock and prevent the movement of the hoist trolley until the bridge and monorails are in alignment and mechanically linked.



At this manufacturer, the interlocks are needed to transfer product in and out of the paint system. The products vary greatly, from batches of small flat bar washers to structural steel columns, channels and beams. The weights can run from hundreds of pounds to a couple thousand pounds per monorail. The operator hangs the products along the bridge and transfers it into and out of each paint system booth.

The Interlock system was an integral component of the Gorbels® solution, as they wanted the ability to go in and out of the booths as opposed to going through them. The entire new paint system including the crane has drastically improved the painting process. Paint used to be their biggest hold up for getting a product out the door. Now they can get product into and out of the paint department at a substantially higher rate, thus improving productivity.

Employees as well as management are extremely happy with the product and its performance.