



Free Standing Work Station Cranes Make Metal Fabrication Easier

Industry:

Equipment Manufacturing

Product:

Agriculture Machinery weighing up to 4000 lbs.

The Problem:

It took two workers to position loads in a congested floor space

The Solution:

Gorbel® Free Standing Work Station Cranes with Dual Girder Bridges and Nested Trolleys



Improved Floor Space Utilization and Worker Efficiency

Health & Safety and production efficiency were what a manufacturer of agricultural equipment was seeking as they looked to replace two portable gantry cranes their workers were using to handle steel

They explored installing an I-Beam crane system to cover the work areas however they valued a crane system that was relocatable and was of a modular design that would allow for future expansion. Long range discussions were happening of whether to move to a larger building or enlarge the existing building.

The company decided to purchase two custom 2 ton Gorbel® Free Standing Work Station Cranes with nested trolleys mounted on double girder bridges - each crane with nested trolley to mount a rigid hook electric chain hoist.

The crane systems' general arrangement and installation placed the columns at the outer limits of the work area, tight up against the walls of the building. The middle columns straddling the two cranes served to support both systems. The nested trolleys have maximized the hook height. Because of the low friction trolley wheels workers can manually position the bridges and trolleys.

With the Gorbel® crane it takes only one worker instead of two for lifting activities and there is improved utilization of floor space. Benefits include increased productions speed and reduced risk of worker injury.