



Case Study: SPANCO Workstation Crane Provides John Deere Dealership Maintenance Shop With Lifting Versatility and Efficiency

A long time John Deere dealer located in the Northeast carries a full line of lawn and garden equipment, commercial mowing equipment, and light industrial as well as agricultural equipment. Along with selling these products, the location also operates a maintenance and repair shop. The shop works on transmissions, motor decks, and does a lot of tire mountings for commercial or farm tractors.

Some of the common maintenance tasks performed on the tractors require repeated heavy lifting. A job might involve installing front-loading buckets, or large calcium filled tractor tires that can weigh as much as 800lbs. The shop manager had originally fixed the lifting problem by mounting an I-beam on the wall. In combination with a hoist, the set-up functioned as a jib crane. This situation served them for a time, but workers eventually found the process cumbersome due to the tractor always needing to be brought to the jib work station. The shop was also running out of space. Trying to change out a large tire or installing a bucket in such a small work area with such large tractors was difficult and very time consuming.

Searching for a more efficient solution, the dealership manager turned to a local material handling dealer. The shop manager explained that they wanted to mount something to their existing structure without the need to dig any foundations. The material handling dealer saw the value that a SPANCO Ceiling Mounted Workstation Bridge Crane could bring and made the suggestion. After explain how the crane would provide the entire shop with a rectangular lifting coverage area, providing lifting versatility, the dealership owner decided to invest in a SPANCO Ceiling Mounted Workstation Bridge Crane.

Since having the workstation crane installed, the maintenance shop has been very pleased, stating that it has “lived up to all of their expectation.” Maintenance tasks like the installation of front-loading tractor buckets have become more efficient. The crane allows for the bucket to be detached and then moved away from the tractor without having to move the tractor. Shop workers use the crane every day, and the dealership owner strongly believes that the crane has added to their efficiency.

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