



“SPANCO Gantry Crane Provides Secure Unloading of Steel Bundles From Flatbeds”

Features and Benefits

Easy Installation

Readily Moved to a New Location

Power Driven on Low Profile VGroove Track

Secure Unloading of Steel

Safe Alternative to Forklifts

Industry Group: Crane Manufacturers Association of America (CMAA)



Application Overview

A housing material supplier receives daily shipments of steel bundles. The bundles arrive on flatbed trucks that are backed into a large warehouse and unloaded. Shipments can range from one 500lb Ibeam to a full truck load of 40 thousand pounds. The steel is then transported from the warehouse to existing indoor and outdoor stockpiles.

Problem

For several years the method for unloading the steel from flatbeds involved using forklifts. The number of lifts used varied depending on the size of the load, but a full shipment might require up to four 6,000lb forklifts for unloading. Trying to coordinate the transfer of a large steel load with four forklifts became not only time consuming, but also very dangerous. Some of the steel beams were of considerable length and became difficult to unload safely.

Solution

The site manager came to the conclusion that the steel transfer process was inefficient and putting his employees in harms way. In seeking a solution, a SPANCO distributor suggested the benefit that an overhead material handling device like a SPANCO Gantry Crane might provide. After seeing the value that a SPANCO Gantry Crane would provide, one was installed. The crane has an overall span of 58ft and an under the beam height of 23ft. It is rated at a capacity of 7.5 tons. The crane is also motorized with 2 speeds for indoor operation on a v-groove

track that runs the length of the warehouse. With the use of a SPANCO Gantry Crane, employees can now unload steel securely and efficiently. They can also move stockpiles within the warehouse with limited effort. The SPANCO Gantry Crane also provides the user with a versatile system that doesn't require permanent installation and can easily be moved to a new location.

Wrap-Up

A SPANCO Gantry Crane provided this housing material supplier with a safe and economical material handling alternative to forklifts. If you have a material handling problem, consider the benefits of an overhead material handling device like a SPANCO Gantry Crane.



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