



Machine Guarding For a Medical Products Distribution Center

Features and Benefits

Fixed protection of conveyors and doors while still allowing materials to be loaded/unloaded by forklift

Tested to withstand impacts of over 10,000 lbs at 4 mph

Powder coated safety yellow for durable finish

Industry Group: Protective Guarding Manufacturers Association (ProGMA)



THE OPPORTUNITY:

An international producer of surgical equipment, pharmaceuticals, and vision care products required machine guarding for two processing cells at its Huntington, WV facility. The customer manufactures, packages and supplies a world leading brand of intraocular lens out of the facility, requiring the highest quality and optimization of process controls.

The two processing cells use state-of-the-art technologies which require products to be loaded and unloaded by forklift. Therefore the customer required the appropriate machine guarding solution to ensure uptime and avoid costly repairs. The safety guarding needed to be designed for protection while still allowing forklifts to get close enough to properly handle materials.

THE SOLUTION:

Engineers from the Huntington facility contacted a local Material Handling Equipment distributor to help them source a hard guarding product that could be customized to meet their needs. Appropriate consideration was given to the overall width (72") and various rail heights dependent on the individual station, so that the forks and outriggers of the lift truck could not come in contact with the conveyor and door equipment. Additionally, the base plates of the upright posts needed to be turned so that they also would not interfere with the forklifts ability to reach the pallets of materials. The customer chose a

heavy-duty machine guarding product constructed of 4" x 8" x 4" formed 7-gauge channel with through bolt connections to 4" square tube posts for the ultimate protection. The material was powder coated safety yellow for a durable finish easily distinguishable from nearby equipment. Once installed, the distributor voiced his satisfaction: "I am very happy with the product and so is my customer. We plan on this being the first of many orders for (this) machine guarding."



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