



Machine Guarding Systems Protect Workers & Ensure Safety

Features and Benefits

Fully-framed woven wire or welded wire mesh panels bolt to posts forming a strong, secure barrier around dangerous automated equipment.

Unlike high-tech light curtains and switch mats that are subject to electrical malfunctions, wire partition machine guarding panels are always on guard.

Industry Group: Protective Guarding Manufacturers Association (ProGMA)

"The end result of the installation is an effective blend of light curtain technology and Machine Guards that provided this Robotics Department with the highest level of protection while maintaining their quality production standards."



WireCrafters Machine Guarding around automated robotic welder.

Finding The Right Solution

This Robotics Company has been in the business of flame hardening steel for decades. As its operations expanded, so did their need for more aggressive and customized safety considerations.

Initially, machine operators were protected by a standard light curtain configuration, but as additional robotic cells were installed and methods of production efficiency were conceptualized, the need for an increase in quantity and adaptability of automated machine safety devices became apparent. Safety engineers performed thorough fact-finding interviews and walked through the large facility to help determine the most effective way to maintain a high level of production while keeping workers' safety as a top priority. They were aware of the need for a durable machine guarding solution that would hold up in the harsh industrial environment, and determined that WireCrafters Machine Guards were the perfect solution.

Machine Guards Designed to Fit Your Custom Application

The project called for a machine guarding product, utilizing a 5' 0" high panel that begins one foot above the floor. A sliding tunnel door, designed with



no overhead track to allow tall objects to pass through the opening unobstructed, was equipped with an electronic interlock. The interlock was wired to the robot, whereby the interlock shuts down the automated equipment when the door is opened. The end result of the installation is an effective blend of light curtain technology and machine guarding that provided the Robotics Department with the highest level of protection while maintaining their quality production standards.

WireCrafters

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