



Custom Gorbel Easy Arms® Solve Safety and Productivity Problems

Matrix is extremely happy with the system and the safety it provides. They were very impressed with how user friendly and easy to incorporate the system has been. Production is up, and worker fatigue and injury concerns are reduced. The operators love the Easy Arms and say they wouldn't want to do without them again.



[View the video on vimeo...](#)

Matrix Drilling Products is a manufacturer of drill rods and in-hole tools for the gold and mineral mining industry. The work cell consists of five different areas in which the 85lb. billets are machined and threaded.

In the original application, operators were moving the heavy parts through the production process by hand. The parts are loaded into three different machine centers before moving to the final area of the work cell. The parts must be rotated and articulated into very precise positions, different for each machine, in order to load them properly. Workers attempting to perform this process by hand were required to grip and lift the heavy parts repeatedly all day. During the loading of the machines, workers had to pitch the parts up and down while trying to articulate them properly for the machine centers. During the unloading process, they were required to bend and reach into the machines in order to remove the slippery parts. The result was extreme operator fatigue and a potential for injury.

Three Gorbel Easy Arms. Two 165lb. systems were placed in the work cell along with a 330lb system that was equipped with a custom rigid mast for the reach in portion of the process.



600 Fishers Run | Fishers, NY 14453-0596
800-821-0086 | www.gorbel.com