



Safety Through Innovation



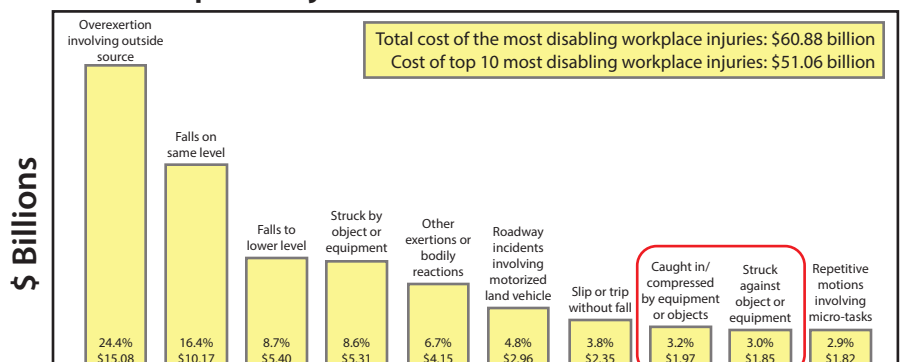
Odiz Safety was founded in 2008 to bring innovative safety solutions to manufacturing companies. Owner Christine Gasparino's background in business economics and inventor Joe Gasparino's experience in engineering and manufacturing combine to bring products to market that will help companies eliminate industrial safety problems while focusing on electromechanical automation, productivity gains and cost avoidance. Striving to provide "Safety Through Innovation," Odiz sells only Made in the USA products, and is a Certified Woman Owned Business. The company feels these aspects of their business model make them a strong partner for manufacturing companies.

■ Bench grinders are a necessary machine for most manufacturing companies, but they are also one of the most dangerous for operators. Finger/hand injuries and injuries caused by objects being thrown from the machine are common.

■ Bureau of Labor Statistics reports, the average hand injury claim exceeds \$6,000, coupled with a typical workers' compensation claim of \$7,000—for a total of \$13,000. Also, the National Safety Council reports a severed tendon injury costs \$70,000, a laceration costs \$10,000, stitches costs \$2,000, and butterfly stitches costs \$300.

■ These incidents are not isolated. Annually, OSHA issues an average of 647 citations and \$703,404 in fines due to issues that arise with abrasive wheel machinery. In addition, 4,386 manufacturing fatalities were recorded in 2014. Many manufacturing companies are operating in scenarios where these issues are not only possible, but probable.

Top 10 Causes and Direct Costs of the Most Disabling U.S. Workplace Injuries



2016 Liberty Mutual Workplace Safety Index (based on 2013 injury data)



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■ One of the biggest problems facing these companies is how to prevent tragic injuries, deaths and OSHA fines.

In alignment with their mission to provide safety solutions through innovation, Odiz has developed the No Go Grinder Safety Stand (NGGSS). This brand new, patent pending, product is developed with sensor technology that protects the grinder operator from injury while protecting the business owners from OSHA citations and fines.

How does it work?

The tongue guard and tool rest sensors on the NGGSS ensure that the grinder motor will not operate until all safety conditions are met. Additionally, since it is operating with electronic logic and a motor-contactor, the NGGSS controls will not allow the machine to restart after power loss until all safety guides are met. The patent pending sensor control system makes the NGGSS the safest bench grinder on the market!

The No Go Grinder Safety Stand eliminates a top cited violation and injuries by automatically monitoring the work rest and tongue guard gaps. Its design also eliminates no start on power loss while providing robust stand mounting. The No Go Grinder Safety Stand design eliminates the human factor and instantly and continuously checks compliance and safe conditions. Finally, this common shop hazard has an engineered solution to eliminate job safety risks!

-Steve Misuraca, EHS Director, Anchor Glass Container Corporation

The No-Go Grinder Safety Stand's provides automation to a common OSHA violation, the grinding wheel diameter shrinks and drifts out of compliance. The innovation behind the No-Go Grinder Safety Stand's has engineered the hazards out of the task. Having this technology allows the team to focus on other safety and/or production related continuous improvements initiatives.

-Roger Sankey, Plant Manager, Chromalloy





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■ Already have bench grinders and stands in your business?

Odiz can retro-fit grinders from 6-10 inches with the NGGSS. You may also select your new grinder model to be attached to the NGGSS at purchase.

Cost Benefit Analysis:

$(\text{OSHA Fines} + \text{Injury costs}) / \text{Cost of the NGGSS} = \text{Greater than 1}$ is a valid investment

Grinder Part	Common Issue	Cost
Tongue Guard	Wheel exploding causing debris injury	\$2,000 - \$3,000
Work Rest	Pinch point hand injury	\$3,000 - \$20,000
	No start on power loss injury	\$1,000 - \$10,000
Grinder Stand	Injury caused by incorrect mount	\$500 - \$5,000
	Willful violation in multiple sites or repeat offenders	\$5,000 - \$70,000

Total OSHA Fines + Injury Risk Costs = \$11,500- \$125,000

NGGSS Cost = \$3,975

The cost benefit of the NGGSS is 2.89-31.44, putting it in the “No Brainer” Category.