



# Prevent Welding Injuries Using A Control That Puts Safety First

**Safety is critical for your manufacturing operation. WeldComputer allows you to protect your resistance welding operators against accidental injury without compromising weld quality or machine performance.**

The majority of resistance welding machines are generally considered safe. However, welding machines are inherently dangerous and can lead to injury if operated without proper training and safety precautions. For example, inexperienced operators can inadvertently get their fingers or hand crushed by thousands of pounds of electrode force as the gap between welding electrode tips closes.

For over 30 years, WeldComputer has led the industry with the most comprehensive resistance welding control systems available. WeldComputer Controls have always included a built-in Force Control Safety System to improve operator safety. These pinch-point safety capabilities prevent the full electrode force from being applied before ensuring proper electrical conductivity between the parts.

It's no wonder why Occupational Safety and Health Administration (OSHA) inspectors recommend pinch point safety systems like WeldComputer's Force Control Safety System to automatically improve welding safety without any additional equipment or adjustments by the operator.

## Benefits of the WeldComputer Force Control Safety System

- ✓ Adds safety capabilities to your welding machine without compromising weld quality
- ✓ Prevents inadvertent severe injuries to hands, fingers, and limbs from crushing welding electrode force
- ✓ Halts welding operations as soon as a foreign object is detected
- ✓ Applies increased electrode force for welding only after a workpiece is detected
- ✓ Works with all WeldComputer Control models
- ✓ Options to further enhance safety levels
- ✓ Quick installation by any WeldComputer Authorized Installer

## Why customers choose WeldComputer

- **Built-in safety system**  
Use WeldComputer's Control technology and Force Control Safety System to reduce operator risk and prevent injury
- **Fewer weld variations mean better consistency**  
WeldComputer Controls allow for millisecond-level granular control. More consistent heat means more consistent welds.
- **Lower cost to own and operate**  
WeldComputer Controls are designed to be more reliable, provide more value, and last longer than other resistance welding controls.
- **Less unnecessary downtime**  
Remote servicing means that in the rare instance when a problem occurs, diagnosis and service is quick, fast, and easy.

