



Welder Initiation: Anti-Tie-Down Palm Buttons

Safety: The purpose of using palm buttons, in general, is for added safety. It replaces the standard foot switch with two buttons that must be pressed at the same time to initiate the weld sequence. This prevents the operator from having their hands in the machinery during the weld cycle. The “anti-tie-down” feature prevents the operator from simply tying down one of the two buttons (with tape or wire or something else), which would otherwise allow them to initiate the controller one handed.

NOTE: There is a downside to Palm Buttons. Palm Buttons can only be used when the operator can release their grip on the part. Tooling, fixturing, conveyors, weld tables, or other means will most commonly be needed to allow the part to be self-supporting.

There are instances where tooling is not feasible; where the operator must still keep their hands on the part during the weld cycle. For these instances, a foot pedal is still recommended. For other safety options available when Palm Buttons are not available, consider these options:

- Soft-Touch Safety system
- Detect-A-Finger Pinch Prevention

