



Soft-Touch Safety System

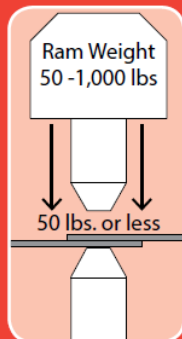
Safety: The purpose of the Soft-Touch Safety System is to attempt to prevent pinching injuries on a spot welder. There are many newcomers (since 2015) soon to be available in this pinch-point prevention arena. The Soft-Touch however was the first, and has a well proven track record. It is also the most cost effective for this level of protection.

NOTE: The Unitrol Soft-Touch can now be mounted to a Unitrol weld control or ANY other known weld control.

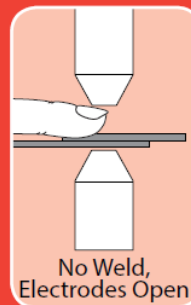


HOW SOFT TOUCH WORKS

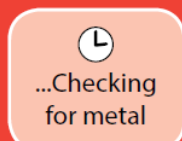
SEQUENCE: *When the foot or hand switch is closed to start a weld:*



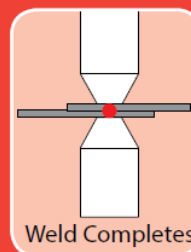
1. The welding electrodes close under **low force**. The unique pneumatic systems designed by UNITROL for this process can counter-balance the weight of the ram on large press welders. Even where the dead-weight of the welder ram is hundreds of pounds, the electrode force produced will be 50 pounds or less.



3. If metal is **not** detected, the electrodes open automatically and do not go to welding force. A display tells the operator the problem.



2. The welding control checks to see if metal has been detected between the electrodes within a customer set maximum time limit.



4. If metal **is** detected, full welding force is applied and the weld proceeds normally

