



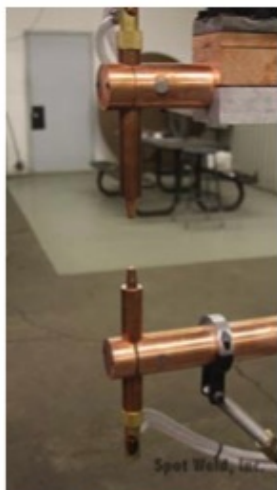
Retract (Fixed / Adjustable)



Improved Access: The purpose of Retract is to improve access between the electrodes. This helps in loading and unloading parts into the machine, as well as maintaining the electrodes.

- A standard air cylinder has two positions: extended (weld position), and retracted (part loading position)
- A Fixed Retract air cylinder will have three positions: fully extended (weld position), weld ready position, and retracted (part load position).
- An Adjustable Retract air cylinder also has the same three weld position as “fixed” retract, but the weld stroke (i.e., the distance between the electrode tips when welding) can be adjusted.

Note: OSHA states that anything less than 0.250” is not a pinch point. An Adjustable Retract air cylinder can help set this gap to be compliant.



Load



Weld Ready



Weld

