



CUSTOM PRODUCTS & SERVICES INC.

6286 Claude Way E., Inver Grove Heights Mn, 55076

PH: 888-444-1202 (Toll Free) or 651-452-0113 Fax: 651-452-2264

E-MAIL: Info@custom-products.com

Website: www.custom-products.com

"YOUR SOURCE FOR WORKPLACE SOLUTIONS"

HY-SERIES HYDRAULIC PINCH OFF TOOL WITH ELECTRIC / HYDRAULIC PUMP



The HY-Series Hydraulic / Electric Pinch-Off Tools are equipped with the modified pump configuration shown above. (All Handsets are also available utilizing Hydraulic / Pneumatic pumps). The system comes complete with Hydraulic / Electric pump, hydraulic pressure gauge, 6 ft. hydraulic hose with quick-disconnects, footswitch control. The pump is also equipped with a manual toggle style switch for manual operation.

The HY-series tools are designed to pinch-off and hermetically seal (cold weld) OFHC copper tubing, as well as aluminum and high purity nickel. If attempting to pinch-off and seal any other tubing materials, contact our office to discuss your application.

When considering the use of this tool for your application, please provide us with samples of the tubing you wish to process. We will test and confirm the tubes can be properly sealed using this tool prior to processing your order request. All tools and pumps are pre-calibrated by CPS before shipping.

Models available with the hydraulic / electric pump are as follows:

HY-250-E: For use with OFHC copper tubing, 0.187" - .250" diameter

HY-500-E: For use with OFHC copper tubing, .250" - .500" diameter

HY-750-E: For use with OFHC copper tubing, .500" - .750" diameter

HY-1.0-E: For use with OFHC copper tubing, .750" - 1.0" diameter

PROCESS TO SET OR RESET PUMP PRESSURE

NOTE: The hydraulic / electric pumps supplied with the HY-Series Pinch-Off tools are capable of producing 10,000 psi hydraulic pressure. These tools operate at much lower pressure settings to prevent damage to the handset or jaw breakage. Prior to shipping a complete tool and pump assembly, we will always request the customer to send CPS samples of their tubing to test with the tool. This allows us to confirm the tool performance and calibrate the pump to the safe operating pressure that matches the tubing being processed. **DISCLAIMER:** If a customer waives the tube sample request, we cannot guarantee tool performance or potential damage to the tool itself. All warranties will be void if tubing is not tested prior to shipping.

Should it ever be necessary to change or alter the pump pressure, please contact CPS to get pump setting recommendations.



Loosen set screw on cap



Remove cap



Loosen large knurled lock nut



Increase pump pressure:

Turn *clockwise* when pump is activated and carefully watch pressure gauge. Do not exceed 4000 psi without contacting CPS for recommendations.

Reduce pump pressure:

Turn *counter-clockwise* when pump is **NOT** activated. Make small adjustments and then check pressure by activating pump and reading the gauge.



When pressure setting has been reached, tighten the knurled lock nut and replace the protective cap

Refer to pump manufacturers Operating Instruction manual for more details.

Pumps are warranted by the manufacturer