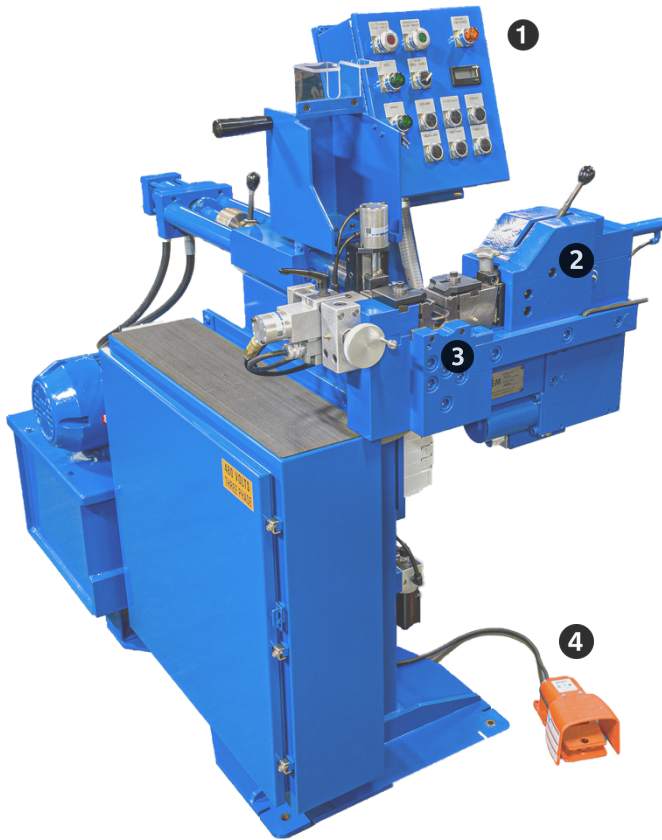


# CARSON ENGINEERING

## JTF SERIES TUBE END FORMER



1. Simplicity of setup and operation.
2. Safe T-Lock clamping mechanism provides open point of operation.
3. Extremely versatile, tooled for a wide variety of tube end forms up to 1 1/8' O.D.
4. Can be automated for use with a Robotic Arm.



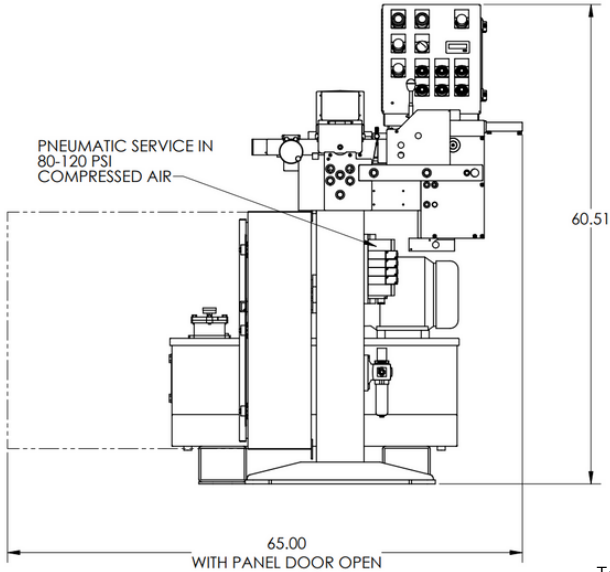
Scan here for video

This general purpose, punch and jaw type end forming machine is capable of producing nearly unlimited different types of end forms in thin-walled copper, aluminum and steel tubing. End forms can be produced with either a single or double punch while others can be done by simply closing the jaws on the part. Tooling can be changed from part to part very quickly.

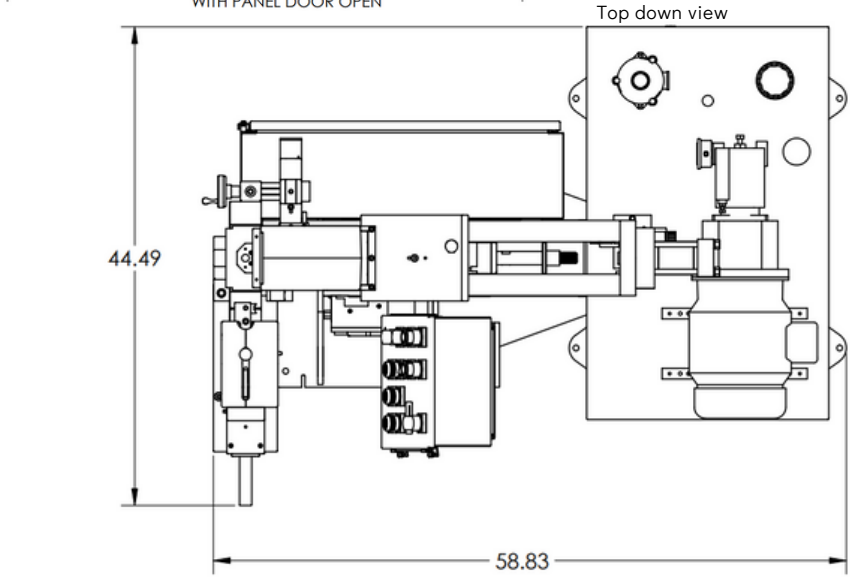
# CARSON JTF-1

## TUBE END FORMER

SDAU  
1/2" STROKE  
3" ADJUSTMENT



The single greatest value of the JTF-1H lies in its ability to be adapted to a wide array of tooling configuration. The tooling changes quickly, is accurate, repeatable and is customizable to nearly any workpiece that can be end formed with a punch and die process. Carson Engineering has over 60 years of collective experience designing, developing and manufacturing tooling for the JTF-1H. We have a library of containing more than 10,000 proven tooling designs to reference when quoting and developing new sets.



JTF Tube Form Examples



FEATURES
<ul style="list-style-type: none"> <li>MANUAL CYCLE MODE FOR MAKING SET UP, AUTOMATIC CYCLE IS FOOT ACTIVATED.</li> <li>"JAWS ONLY" MODE FOR PRODUCING WORKPIECES THAT DO NOT REQUIRE A PUNCH.</li> <li>PATENTED, INTERLOCKING SAFETY FEATURES HELP PROTECT THE OPERATOR.</li> <li>QUICK CHANGE TOOLING, CHANGEOVER CAN BE DONE IN 2 - 3 MINUTES.</li> <li>TOOLING IS SIMPLE, INEXPENSIVE, AND BUILT TO PRODUCE PARTS TO YOUR SPECIFICATIONS.</li> <li>CAPACITY UP TO 1 1/8" O.D. TUBE, SOFT OR HARD TEMPER, SOME FORMS CAN BE DONE IN 1 3/8" O.D. TUBE.</li> </ul>

SPECIFICATIONS	
COLORS	- RAL
CYCLE TIME	- 1.8 SECOND SINGLE PUNCH 2.8 SECOND DOUBLE PUNCH
WEIGHT	- 1,900 POUNDS
FOOTPRINT	- 8' X 8' WITH OPERATOR
COMPRESSED AIR	- 80 - 100 PSI .5 CFM
HYDRAULIC SYSTEM	- 20 GALLON, 6GPM, 5HP
ELECTRICAL POWER	- 3 PHASE, 60Hz, 240/480V
BASE	- CAN BE BOLTED DOWN