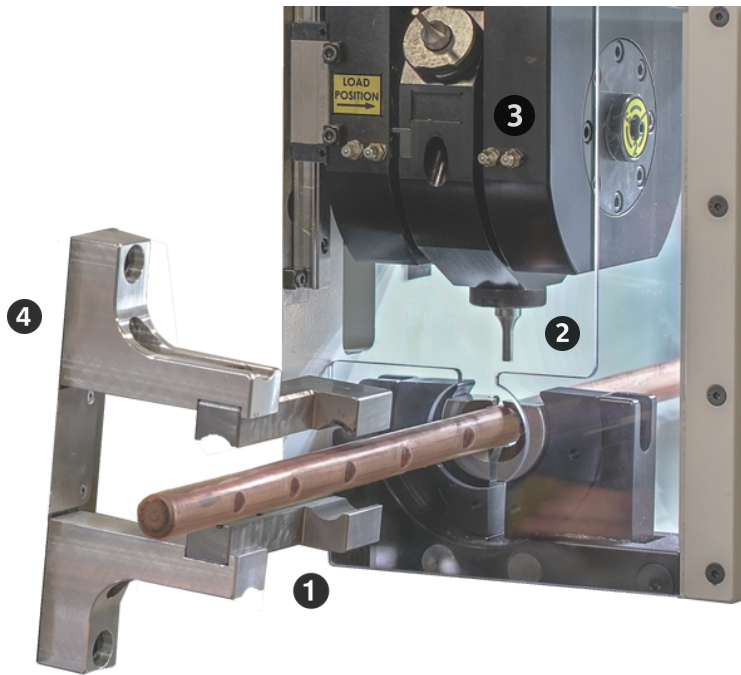


CARSON ENGINEERING

AMP-1 TUBE HOLE PUNCH MACHINE



Scan here for video

1. Tube sizes range from 3/8" through 3 1/8" as a standard machine and can be up-sized for larger tubes.
2. Includes a light beam locating system for orienting holes on pre-bent parts.
3. Three headed turret provides three different hole sizes to be produced without changing setup.
4. Can be fitted with a robotic arm for an automated process.

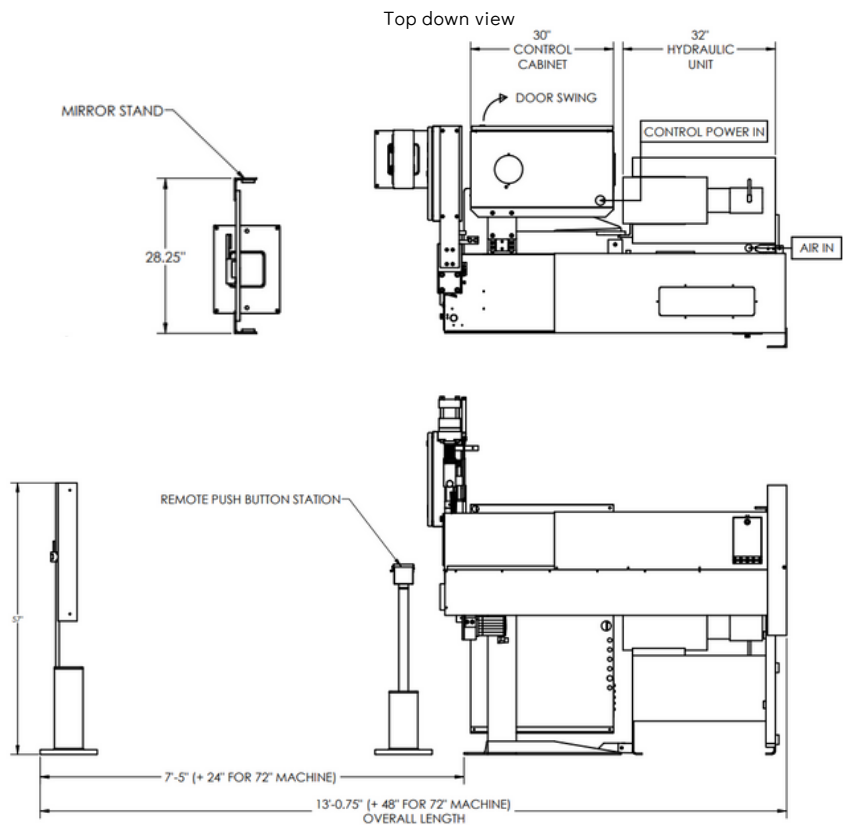
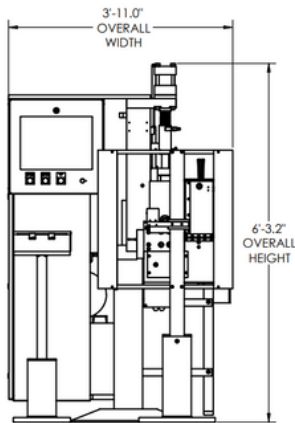
The AMP-1A is an automatic tube punching machine that can be hand loaded or fitted with a robotic arm to achieve maximum performance. It has two systems specifically designed to provide safety for operating personnel. These are the stop motion circuit and the light curtain making this machine extremely safe while in operation.

CARSON AMP-1

TUBE HOLE PUNCH



The AMP-1 is capable of punching three hole sizes in one setup. This is accomplished by means of an indexing punch turret that has a three-punch holding capacity as well as an indexing mandrel that contain three hole sizes. The machine has a punching capacity of 0.562" to 84.00" from end of tube and can accept an outside diameters of up to 1.63". This machine can be programmed for both linear and radial hole positioning as well as up to three-hole sizes per program.



FEATURES	SPECIFICATIONS	
<ul style="list-style-type: none"> INDEXING PUNCH TURRET THAT HAS A THREE-PUNCH HOLDING CAPACITY. PUNCH CAPACITY OF 0.562" TO 84.00 FROM END OF TUBE. ACCEPT OUTSIDE DIAMETER TUBES OF UP TO 1.63". QUICK CHANGE TOOLING, CHANGEOVER CAN BE DONE IN 2 - 3 MINUTES. HAS A "NIBBLE" OPTION THAT ALLOWS THE MACHINE TO CREATE A CLEAN LARGE DIAMETER HOLE. CAN BE INTERGRATED WITH A ROBOTIC ARM ALLOWING FOR AN AUTOMATED PROCESS. 	<ul style="list-style-type: none"> COLORS CYCLE TIME WEIGHT HEIGHT BASE 	<ul style="list-style-type: none"> - RAL - 1.8 SECOND SINGLE PUNCH 2.8 SECOND DOUBLE PUNCH - 1,800LBS - EXCLUDING ROBOTIC ARM AND FEEDER TUBE RACK - 6' FOOT 3.2" INCHS - CAN BE BOLTED DOWN