

CARSON ENGINEERING

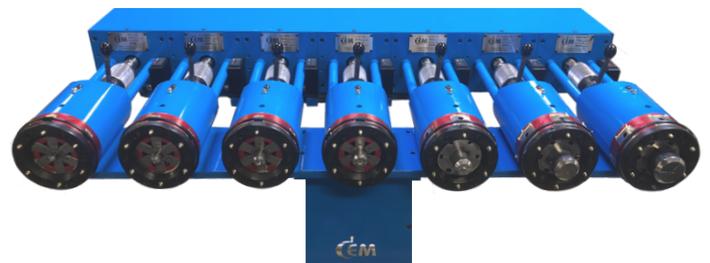
BCX-3 TUBE END EXPANDER



1. Quick change tooling.
2. Completely safe for the operator.
3. Pneumatically powered and controlled.
4. Tube size range from 3/8" through 3 1/8" as a standard machine and can be up-sized for larger tubes.



Scan here for video



The Model BCX-3 tube expander is used for expanding the ends of tubes so it can accept another tube of the same outside diameter thus allowing two tubes of the same O.D. to be joined together to make a coupling or braze joint. The process used is an expanding segmented mandrel which is very safe and fast.

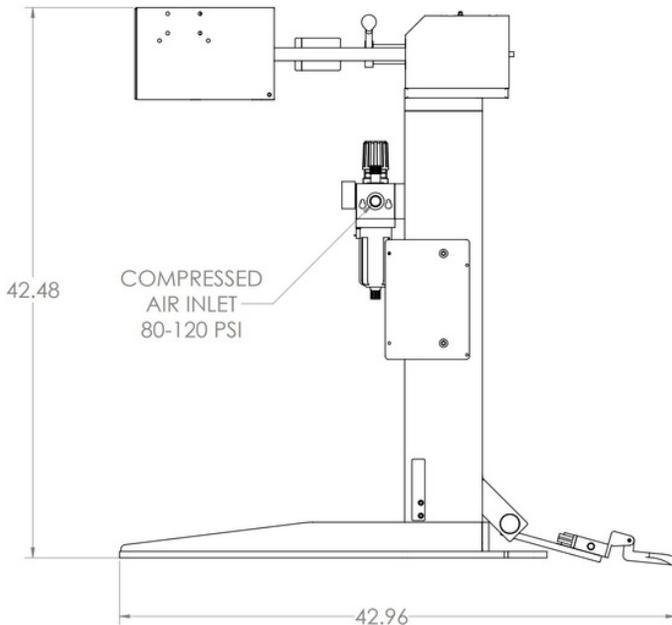
CARSON BCX-3

TUBE END EXPANDER

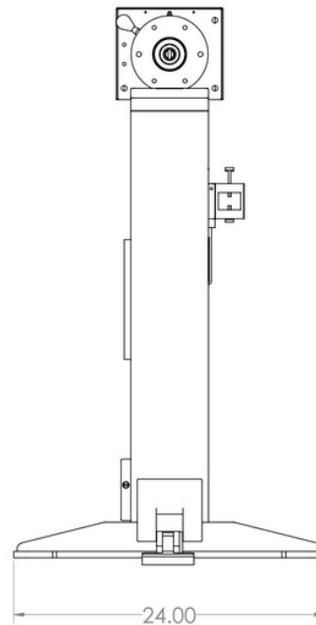


Individual expander units are mounted either in single or multiple-head configurations as a single machine can be configured with up to seven tooling heads, with each head dedicated to a tube size. Normally no setup changes or adjustments are needed in daily operation, making it have "zero-setup" time. To operate the BCX-3, simply place the tube over the mandrel to the end stop and depress the foot-operated valve until the machine audibly stops. After hearing the machine stop, release the foot operated valve and remove the tube, this completes a cycle.

*Single head unit - Side



*Single head unit - Front



FEATURES	SPECIFICATIONS	
<ul style="list-style-type: none"> • SINGLE FOOT VALVE CONTROL. • BUILT IN SAFETY. • PNEUMATIC POWERED. • LARGE OR SMALL RUNS. • LOW MAINTENANCE MECHANISM. • CAN BE CONFIGURED WITH ONE TO SEVEN TOOLING HEADS. • CAPACITY - MINIMUM 3/8" O.D. - MAXIMUM 2 5/8" O.D. TUBE. 	<ul style="list-style-type: none"> • COLORS • FOOTPRINT • HEIGHT • WEIGHT • BASE 	<ul style="list-style-type: none"> - RAL - 24" INCHES WIDE X 43" LONG - 42.5 INCHES - BETWEEN 400LBS AND 700LBS (DEPENDING ON THE AMOUNT OF TOOLING HEADS ADDED) - ROLL AROUND, BENCH TOP OR BOLTED DOWN