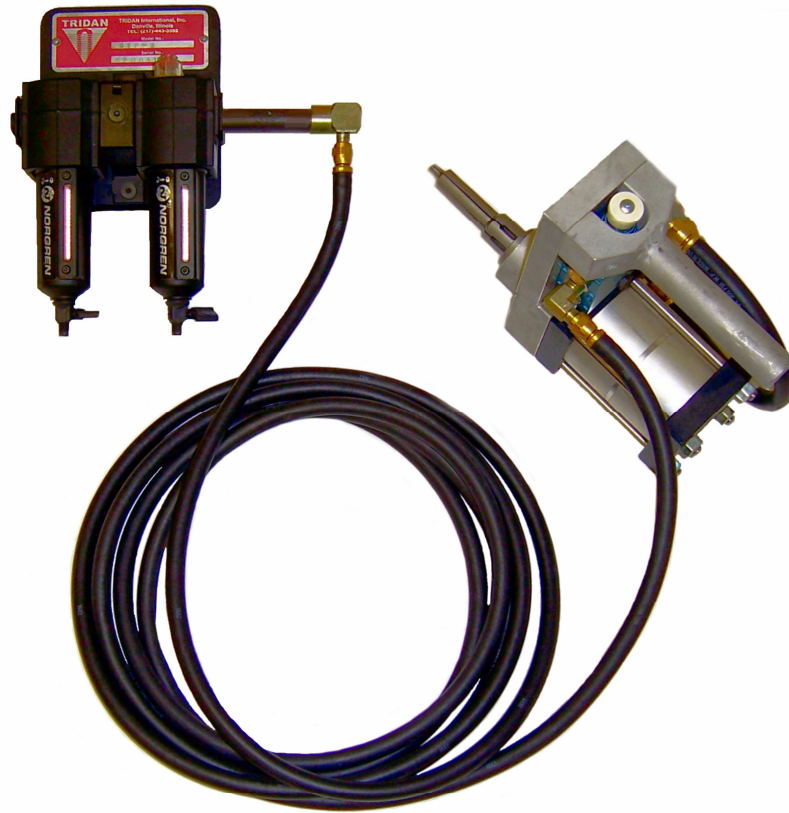


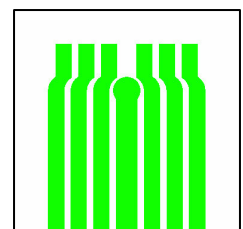
MODEL BTP

Tube End Sizer



The Model **BTP Tube End Sizer** is an air operated device designed to final bell heat transfer coil tube extensions for the insertion of return bends or other related fittings.

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Customer Driven Designs

Tube Expansion

TRIDAN MODEL BTP

The TRIDAN Model BTP-3 TUBE END SIZER is a portable hand-held device designed for the sizing of thin walled copper tube of diameters 3/8" (9.525mm) to 5/8" (15.875mm). Its operation is extremely simple with the operator placing the specially designed expanding collet inside the tube end to be belled or sized, activating the thumb switch, and the tube end being belled to the pre-set inside diameter.

BASIC SIZER:

The BTP-3 consist of the basic sizing unit and the sizing collet activating plunger. It also includes a four(4)-way pneumatic solenoid valve which is operated by a manually activated, spring return thumb switch and an air hose.

SIZING COLLETS:

The interchangeable sizing collets are thread mounted to the BTP-3's face plate. The collets are six(6) segmented and made from Fatigue-Proof Steel and heat treated to 56/58 Rc. They are designed for a specific unsized tube ID (closed collet position) and sized tube ID (open collect position). The depth of sizing is also preset by the design of the collet.

TECHNICAL SPECIFICATIONS

Tubes per Cycle	One(1)
Tube Material	Copper
Tube Wall Thickness	.012" - .035" (0.3/0.89mm)
Tube OD / Sized Depth / Sized ID	3/8" / 5/16" / .380" (9.5/7.94/9.65mm) (standard sizing collets) 1/2" / 3/8" / .505" (12.7/9.5/12.83mm) (special sizes available) 5/8" / 1/2" / .630" (15.88/12.7/16mm)
Average Cycle Time	3 Seconds
Collet Changeover Time	5 Minutes - approximate
Air Hose Length	15 Feet (4.5 Mtrs)

