

SWAGING UNITS



BENCH TOP SWAGING UNIT
DIGITAL SWAGING UNIT

SWAGING UNITS

BTSU 4-16 and BTSU 16-32



BTSU 4-16
Tube sizes: 1/4" - 1"



BTSU 16-32
Tube sizes: 1" - 2"

BTSU Features:

- Size ranging from 1/4" to 2"
- Designed to pre-swage the nut and ferrules of either the Tylok CBC-Lok® or CS-Lok® style fitting onto tubing in tube sizes ranging from 1/4" to 1" for all typical wall thicknesses. Tylok CBC-Lok® style fittings go up to 2"
- Pre-swaging reduces installation torque from 30-50%, depending on the tube size, tube wall thickness, and tube hardness
- Pre-swaging reduces the number of turns required to make up the fitting

BTSU Attributes:

- The BTSU is a small compact unit that can be used on the ground, on a workbench, or held in a vice via the vice tang located on the bottom of the unit
- The BTSU can be hydraulically powered manually for field use, or powered with an electric pump
- The BTSU uses Threadless Quick Change Dies resulting in fast, accurate swages every time

The Bench Top Swaging Unit comes in a water tight case that includes:

- Hand Pump
- Bench Top Swaging Unit
- BTSU 4-16: Die set in sizes 1/4" thru 1"
- BTSU 16-32: Die set in sizes 1" thru 2"



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BTSU 4-16 and BTSU 16-32



BTSU 4-16

Tube Size	CBC Size	Swage Pressure Reference (psi)
1/4"	4	2600
3/8"	6	2700
7/16"	7	2900
1/2"	8	3000
5/8"	10	3800
3/4"	12	4600
7/8"	14	5200
1"	16	6000

BTSU 16-32

Tube Size	CBC Size	Swage Pressure Reference (psi)
1"	16	5500
1-1/4"	20	6000
1-1/2"	24	7000
2"	32	8500

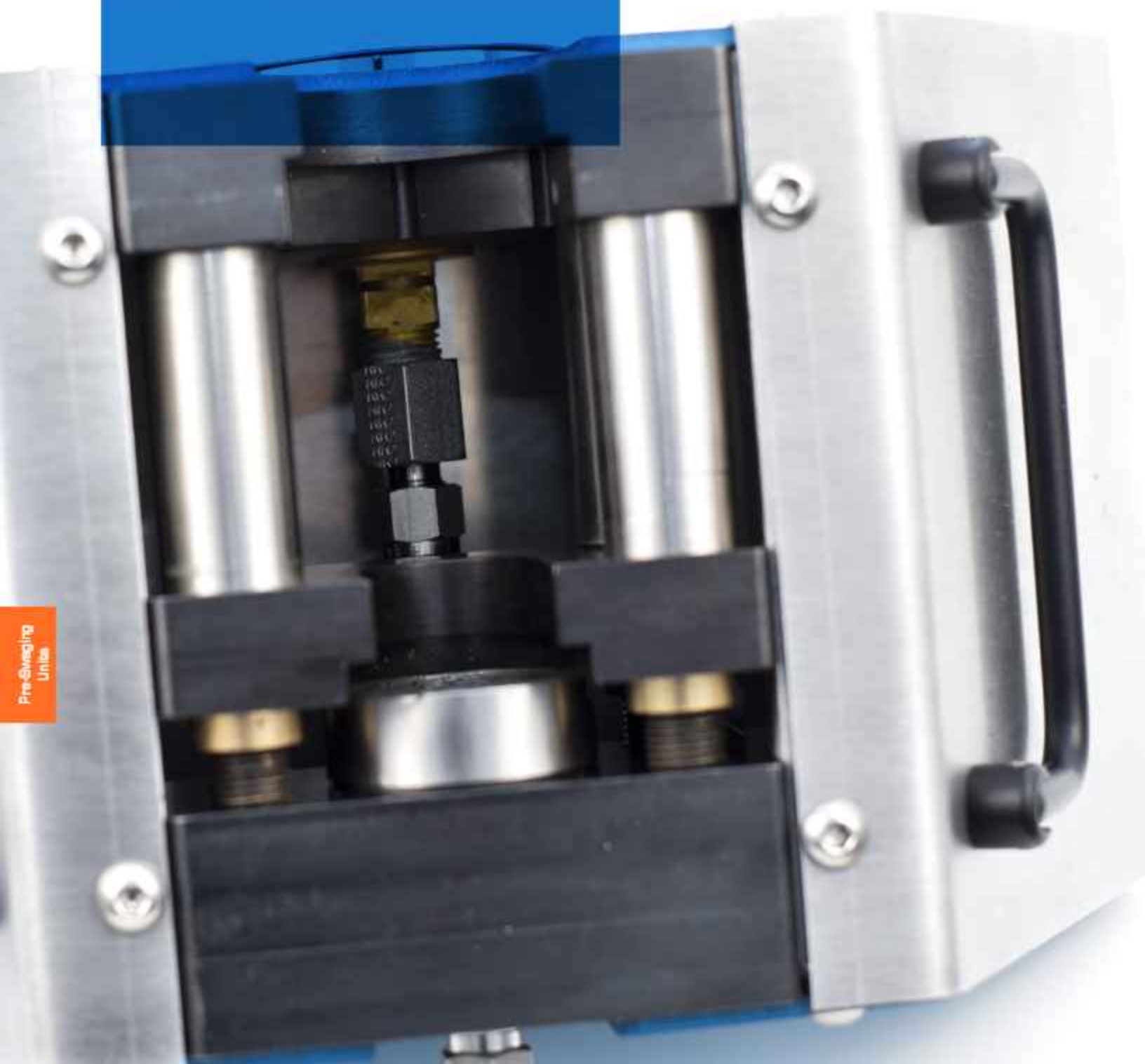


Scan the QR code to see the
Swaging Unit in action

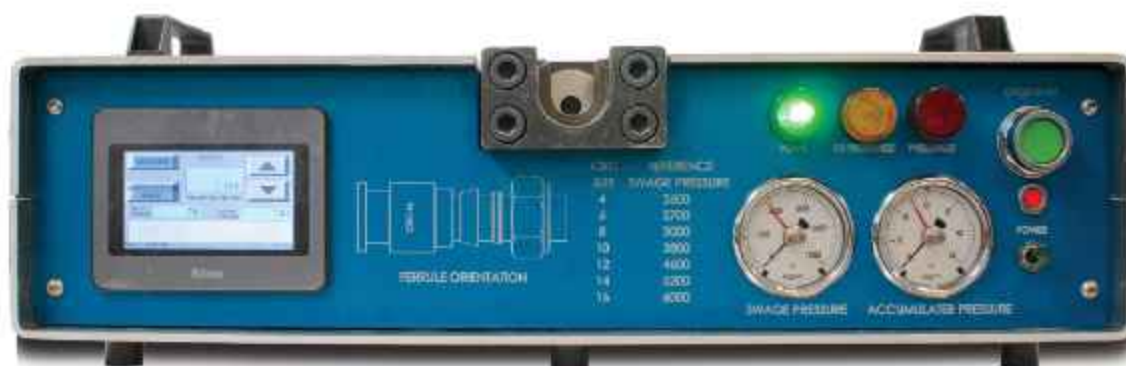
The Swage Pressure Reference is used as a guide for pre-swaging, since the pressure will vary for each Tube Wall Thickness, Tube Hardness and Tube Diameter.

PRE-SWAGE FOR PRECISION

REDUCE TORQUE,
SAVE TIME, ENSURE A
PERFECT FIT!



DSU DIGITAL SWAGING UNIT



DSU Digital Swaging Unit
Tube sizes: 1/4" - 1"

DSU Features:

- Designed to pre-swage the nut and ferrules of either the Tylok CBC-Lok® or CS-Lok® style fitting onto tubing in tube sizes ranging from 1/4" to 1" for all typical wall thicknesses.
- The DSU 4-16 is a digitally controlled hydraulic press that uses 110V AC current, and produces enough force to swage all of the tubes sizes with one touch of a button.
- The DSU 4-16 is a bench top unit that is designed to give precise control over the pre-swaging process, with positioning accuracy of $\pm .002"$.
- A Foot Switch is also included for hands free operation, permitting swages on long or awkward bends.

DSU Attributes:

- Changing tube sizes require Swage Die and Push Plate changes, which are made in seconds without any tools required.
- Pre-swaging ferrules onto the tube reduces installation torque from 30-50%, depending on the tube size, tube wall thickness and tube hardness.
- Pre-swaging reduces the number of turns required to make up the fitting. Typically about a half turn past finger tight is required to make up the fitting after pre-swaging, making installation in tight spaces easier.
- The DSU uses Threadless Quick Change Dies resulting in fast accurate swages every time.

