ALERT TUBING FABRICATORS

AS9100D / ISO9001:2015 CERTIFIED AND NADCAP CERTIFIED FOR WELDING

Small Business Veteran-Owned



BENDING CAPABILITIES 1/8” UP TO 5” OD



SB-127X6B-1S/2S

OD 127mm , Heavy Duty Tube Bender (6 axis)



SB-32X7A-2S-V-U

Our SB-32 CNC machines can not only bend with a high degree of precision for any size run, they can create highly precise prototype parts.



SB-52X10A-2S-V-U



SB-63X9A-MRV

Alert has 4 **CNC** bending machines that have been REBUILT and DIGITIZED to enhance precision. We have Pines 3/4, 1, 1 1/4, and 2 machines.

CNC ROLL BENDING AND COILING

PBT-35 ROLL BEND UP TO 8" TUBES



PBT-25 ROLL BEND UP TO 4" TUBES



Custom Coiling and Roll Bending Tubes

FULL MACHINE SHOP



MORI DMF 200/8

Max. X-axis travel 2000 mm
Max. Y-axis travel 800 mm
Max. Z-axis travel 850 mm



DMG MORI | DMU 75

Max. X-axis stroke 750 mm
Max. Y-axis stroke 650 mm
Max. Z-axis stroke 560 mm

MORE MACHINING CAPABILITIES



DMG MORI | NLX 2500 | 700

10-inch Chuck Size Turning Center with Varieties of Specifications



DMG MORI | NLX 2500-1250

10-inch Chuck Size Turning Center with Turning Length of up to 1,255 mm

MACHINE SHOP CONTD.



DMG MORI | SPRINT 32|8
Swiss lathe for turning small nuts, bolts, and screws.
Max. workpiece diameter 1.3 in.
Max. workpiece length 9.4 in.
Max. bar diameter 1.3 in.
Max. X-axis travel 2.8 in.
Max. Y-axis travel 15.9 in.
Max. Z-axis travel 3.9 in



VF7 / TR 210 / TRT210 Trunnion

Travels - S.A.E - Metric
X Axis - 84.0 in - 2134 mm
Y Axis - 32.0 in - 813 mm
Z Axis - 30.0 in - 762 mm

Spindle Nose to Table (~ max) 34.0 in - 864 mm
Spindle Nose to Table (~ min) 4.0 in - 102 mm

EDM WIRE MACHINE / OPTICAL SCANNER



Alert Tubing now uses the SEIBU MD50 EDM wire machine, extremely precise and fast.



KEYENCE IM-X1540 Optical Scanner

- Measurement Area: 500 × 400 mm (19.69 × 15.75 in)
- Z-Axis Travel: 200 mm (7.87 in)
- Measures parts in as little as 1 second without fixturing

ORBITAL WELDING AND BRAZING



Orbitalum Smart Welder OM180

We can orbital weld stainless steel, mild steel, Inconel and Titanium from 1/**8**" to **10**".



TestingResources

Force Capacity
50 kN (11,250 lbf)
Horizontal Test Space
635 mm (25 in)



Dynasty 400 DX, Dynasty 300 DX, Millermatic 250, and Resistance Projection Spot Welding



Induction Brazing Per AWS C3.5 And Torch Brazing Per AWS C3.4

Precision Measurement & Inspection



Starrett HDV300 Horizontal Digital Video Comparator

KEYENCE 3D MEASUREMENT SYSTEMS



XM-5000 CMM FOR THE LARGER PARTS



KEYENCE VL700 LASER FOR MACHINED PARTS AND SMALL TUBE ASSEMBLIES

LASER ETCHING AND DOT PEEN PRINTING



FM-STATION Boss Fiber Laser Marking Machine



Flymarker mini 120/45 plus Hand Held Dot Peen Printer



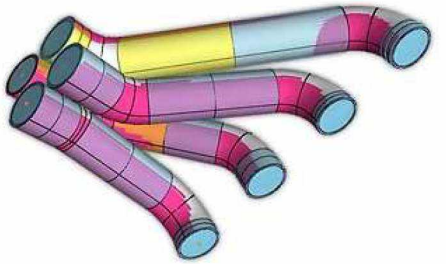
Kwik Mark KM-64

Alert Tubing does high quality part marking and production marking for our customers.

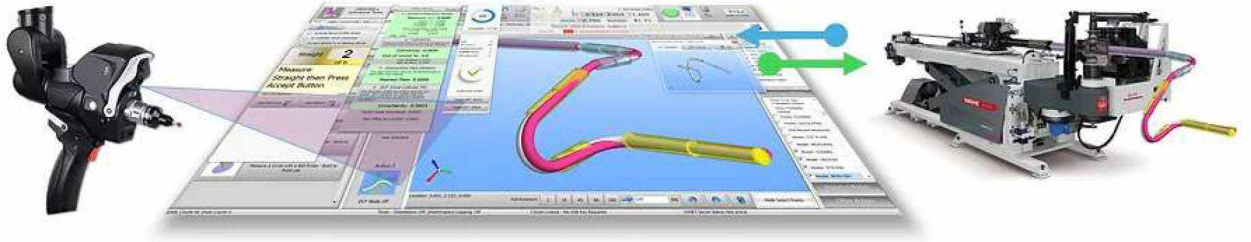


VTUBE LASER

World-class Metrology for Tube Fab

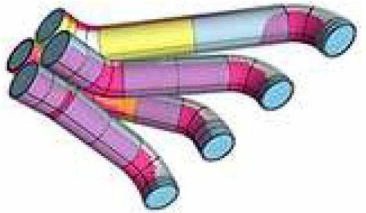


Qualify tube shapes and automatically correct benders.



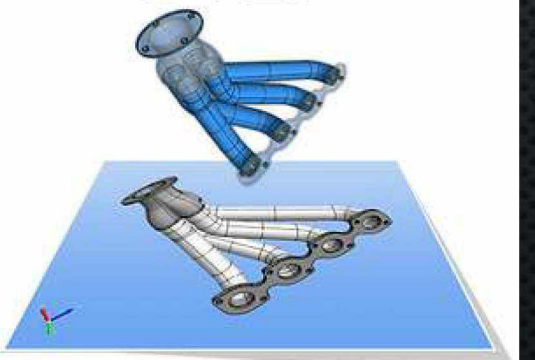
VTUBE LASER

World-class Metrology for Tube Fab



BREAKING THE CAD BARRIER

VTUBE STEP



FLARING AND PARFLANGE
CUSTOM 37 DEGREE AND 45 DEGREE FLARED JOINT SERVICES





Custom 90 Degree Seal-Lok Services

BEADING AND SWAGE



TSM-3.5-SWAGING-MACHINE - 3/8” to 3.5”



RFM-6 BEADING MACHINE - BEADING FROM 5/8THS TO 6 IN TUBES

REDUCING AND EXPANDING



Model M71-H-3 Tube End Forming System





Custom Huth
Expander and Swager

LASER, COLD SAW, AND CHOP SAW



Custom Hyd-Mech
Horizontal Miter Saw Services



Custom
Scotchman/Everett Cold
Saw Services

LASER, COLD SAW, AND CHOP SAW



Do ALL S400 Horizontal Saw

HABERLE H350H

We have the ability to miter cut just about any shape, material, or size of tubing.



Flatten, Trim, Pierce, Slotting, dimple punching and Notching

Custom Flatten, Trim, And Pierce Services
A punch press operation that is a cost-effective way to produce a flat tube end for tubular assemblies.

Custom Slotting Services
A punch press operation that introduces an open-ended slot into the end of the tube.

Custom Notching Services
Combines a punch press with a dedicated punch die to reshape the end of a tube.

CNC Dimple Hole Punching
One of the options that we purchased with the SOCO SB-32 left/right-hand bender was the CNC dimple hole punching capability.

Custom Mandrel-Style Hole Punching Services
Our cost-effective means of punching round, square, and rectangular holes in metal tubing.

High Pressure & All-Metal Hose Assemblies

Stainless Steel Braided PTFE Lined Hose Assemblies
PTFE-lined stainless steel hoses made to order. These PTFE Hose assemblies can handle up to 5,000 PSI. The benefit of these hoses are that the PTFE liner will not impart taste or odor and has a non-stick surface, which makes it ideal for running chemicals, adhesives, and Solvents.**Stainless Steel Braided All-Metal Hose Assemblies**

All metal lined stainless steel braided hose assemblies made to order. These all metal hoses can handle temperatures up to 1500 F. These hoses can be made with many different configurations such as fitting styles, fitting material, liner material, and more. Contact us today with your requirements.

FACILITY

- Office Space – 2000 Ft²
- Shop Floor – 18000 Ft²
- Operating Capacity
- 1 st Shift – 40% to 50%
- 2 nd Shift – 100%
- 3 rd Shift – 100%



CONTACT US TODAY!

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