

TUBE FABRICATION

DESCRIPTION

Lincoln Industries will meet all of your tube bending and tube fabrication needs with exceptional quality, on time delivery, and innovative thinking. Our dedicated small and large tube fabrication facilities and the use of a CNC tube bender, allows Lincoln Industries to produce complex, large diameter, multi-bend tube with small radius dimensions and minimal welds.

We offer fabricated tube assemblies, ranging from simple designs to complex multi-axis configurations from 3/8" to 8" in diameter. Our processes include tube bending, forming, flaring, beading, expanding, swedging, brazing, and welding.

INDUSTRIES

- ▶ Aerospace
- ▶ Agriculture
- ▶ Automotive
- ▶ Defense
- ▶ Energy
- ▶ Food processing
- ▶ Heavy truck
- ▶ Marine
- ▶ Medical/healthcare
- ▶ Powersports

CAPABILITIES

- ▶ Multi-axis CNC bending
- ▶ Tube identification marking
- ▶ 3D surface form inspection
- ▶ FARO Edge arm
- ▶ End forming
- ▶ Trim
- ▶ Slot
- ▶ Bead
- ▶ Flare
- ▶ Flange
- ▶ Expand
- ▶ Swedging
- ▶ Automated or robotic welding
- ▶ Plating
- ▶ Insulated tube
- ▶ Design/fabrication simulation

APPLICATIONS EXAMPLES

- ▶ Exhaust stacks
- ▶ Header pipes
- ▶ Motorsports accessories
- ▶ Mufflers
- ▶ Truck accessories
- ▶ Undercab exhaust
- ▶ Fabricated assemblies
- ▶ Utility carts
- ▶ Medical equipment

PREMIUM PROVEN QUALITY SOLUTIONS

402.473.2059 / SALES@LINCOLNINDUSTRIES.COM / LINCOLNINDUSTRIES.COM

TUBE FABRICATION

TUBE BENDING SPECIFICATIONS

INDUSTRY FOCUS	Auto/Truck/Transportation/Motorsports/Industrial
INDUSTRY STANDARDS	TS 16949, ISO 14001, and ISO 9001
MATERIAL	Steel, Stainless Steel, Aluminized Stainless Steel
FABRICATION METHOD	CNC - Computer-Numerically Controlled Machines Mandrel Bending NC - Numerically Controlled Machines Mandrel Bending
OUTSIDE DIAMETER	Min: 3/8" Max: 8"
OD AND WALL THICKNESS	4"-6" OD - .065" wall thickness 7"-8" OD - .074" wall thickness

MATERIAL WE CURRENTLY PROCESS

- ▶ 8" OD #304 Stainless Steel and Carbon Steel
- ▶ 7" OD #409 Stainless Steel and Carbon Steel
- ▶ 6" OD #409 Stainless Steel and Carbon Steel
- ▶ 5" OD #409 Stainless Steel, Aluminized Stainless Steel and Carbon Steel
- ▶ 4" OD #409 Stainless Steel and Aluminized Stainless Steel
- ▶ 3" OD #409 Stainless Steel, Aluminized Stainless Steel and Carbon Steel
- ▶ 2" OD #409 Stainless Steel, Aluminized Stainless Steel and Carbon Steel
- ▶ 1" OD #409 Stainless Steel, Aluminized Stainless Steel and Carbon Steel
- ▶ 3/8" OD #409 Stainless Steel, Aluminized Stainless Steel and Carbon Steel

VALUE ADDED SERVICES OFFERED

- ▶ Leak checking
- ▶ Polishing
- ▶ Plating
- ▶ Assembly
- ▶ Coating
- ▶ Thermal insulation

