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. 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.

PRODUCT BENEFITS
▶ Multi-axis CNC bending  ▶ Welding
▶ Tube identification marking  ▶ Plating
▶ 3D surface form inspection  ▶ Insulated tube
▶ FARO edge arm  ▶ Simulation
▶ End forming  ▶ Flange
▶ Trim  ▶ Expand
▶ Slot  ▶ Swedging
▶ Bead  ▶ Flare
▶ Expand
▶ Flare
▶ Swedging

APPLICATIONS
▶ Exhaust stacks  ▶ Food processing
▶ Header pipes  ▶ Heavy truck
▶ Motorsports accessories  ▶ Marine
▶ Mufflers  ▶ Plastics/rubber
▶ Truck accessories  ▶ Powersports
▶ Undercab exhaust

The reliability of Lincoln Industries’ products has been proven through 60 years of service to some of the world’s most recognizable brands including Harley-Davidson, Polaris, Peterbilt, Kenworth and Daimler.
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

MATERIAL WE CURRENTLY PROCESS

▶ Cutting
▶ Deburring
▶ End Trimming
▶ Leak Checking
▶ Welding
▶ Polishing
▶ Plating
▶ Coating
▶ ThermoSox™ Tube Insulation