

Superior Tube Company, Inc.

Small diameter tubing for demanding applications

Superior Tube Company, Inc. is a US-based global leader in the manufacture of high quality, precision engineered tube products in a wide range of stainless steel, nickel, titanium and zirconium alloys. Used in mission critical applications that operate in demanding environments, Superior Tube manufacturers innovative tubing solutions in both seamless and welded forms for a range of markets.

Over the years, Superior Tube products have been directly associated with a number of historical 'firsts' and ground breaking projects – the USS Nautilus, the world's first nuclear-powered vessel; the Bell X-1, in which Chuck Yeager became the first man to break the sound barrier; the Apollo Project, which put the first man on the moon and supplying the tubing used in Concorde for various control and hydraulic systems including the operation of the iconic 'droop nose'.

Along with its UK-based sister company, Fine Tubes Ltd., Superior Tube has a global client base offering 150 years combined engineering expertise in developing high quality tubing innovations. Its manufacturing staff, metallurgists and engineers collaborate with customers across the globe to develop and improve on specifications for existing and new products and help customers solve their technical challenges.

Products

As an industry leader, Superior Tube works with the latest high performance stainless steel, nickel, titanium and zirconium to produce a wide range of advanced alloy tubing. Seamless and welded drawn tubes range in size from less than 0.010" (1/4 mm) up to 1.5" (38.1 mm) outside diameter with finished wall thicknesses ranging from 0.002" (0.05 mm) through to 0.150" (3.8 mm). Straight length tubing can be manufactured up to 45 ft (14 m) in length, coiled tubes up to 3,200 ft (975 m).

Industries

Superior Tube manufacture tubes using the highest quality alloys for a wide range of markets:

- Nuclear
- Aerospace
- Medical
- Oil and Gas
- Chemical Process

Services

Superior Tube offer customers a full service, from initial consultation through to final delivery, wherever in the world the tubing might be required.

- Material selection - complete technical advice on the selection of suitable materials
- Research and development - innovation across a range of specialist fields
- Full design, tool-making and parts development completed in-house by highly skilled engineers
- Global distribution of all parts



Facilities






With tube mills based in the UK and USA, Superior Tube houses a number of state-of-the-art manufacturing facilities including:

- Pilger mills & weld mills
- Draw benches
- Coil drawing capabilities
- Controlled atmosphere annealing
- Heat treatment furnaces
- Pickling and passivation plant
- Eddy current and ultra-sonic inspection
- Radiographic examination

The company has sales offices in Germany, France, India and the USA as well as an extensive network of agents based in Europe, Asia and the Middle East.

Quality

Superior Tube's Quality Management System is ISO 9100 certified, has earned two disciplines of PRI's Nadcap accreditation in Ultrasonic Testing and Heat Treatment facilities and undergoes regular audits to demonstrate compliance with some of the most rigorous industry standards.

Oil and Gas	Energy	Aerospace	Chemical Process	Medical
 <ul style="list-style-type: none"> • Downhole, hydraulic and chemical injection control lines • Control lines in subsea umbilicals • Flowline control line tubing for pipe-in-pipe bundles • Downhole gauge cables • Control and instrumentation • Pressure housings • Hydraulic tubing for control measuring devices and pumps 	 <ul style="list-style-type: none"> • Fuel rods / cans • Tie bars • In-core heat exchangers • Wear sleeves • Guide tubes • Grid lock inserts • O-rings and seals • Flux thimble components • Instrumentation tubing • Poison tubes 	 <ul style="list-style-type: none"> • Hydraulic and pneumatic control systems • Heat exchangers • Transmission tubes • Convoluting / seals • Ducting systems • Landing gear • Pitot tubes • Engine / fuel lines 	 <ul style="list-style-type: none"> • Shell and tube heat exchangers • Condensers • Hydraulic and pneumatic systems • Control and instrumentation • Flow meters • Measurement systems • Acetic acid plants • Evaporators • Pulp and paper plants 	 <ul style="list-style-type: none"> • Coronary and peripheral stents • Heart valves • Cardiac rhythm management • Trauma nails and screws • Surgical instruments • Spinal cages • Lag screws • Endoscopy instruments • Biopsy needles • Angioplasty and embolism catheters



SuperiorTube

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