

Fine Tubes Ltd.

High precision tubing for critical applications

Fine Tubes Ltd is a leading global manufacturer of high precision metal tubing in a wide range of stainless steel, nickel, titanium and zirconium alloys. The company has the unique capability to manufacture tubular products in both seamless and welded forms which are used for critical tolerance applications in the most challenging environments for a range of industries.

In 2012, Fine Tubes was acquired by the Watermill Group and formed a partnership with its sister company, US-based Superior Tube. This new structure has allowed Fine Tubes to increase its capabilities, leading to significantly reduced lead times, an extended product portfolio, increased global reach and superior customer service. The company also offers over 150 years combined metallurgical and engineering expertise to support customers in solving their technical challenges.

Products

Fine Tubes manufactures precision engineered tubing in two principal forms:

- Seamless stainless steel, nickel and titanium tubes in straight length, precision cut or coils from 1 mm (0.040") OD to 50 mm (2") OD.
- Welded, welded & drawn or bead reduced stainless steel tubes and nickel tubing in straight length,

precision cut or coils from 1 mm (0.040") OD to 50 mm (2") OD. Available profiles include not only round but also rectangular, square, oval and elliptical as well as other profiles.

Industries

Fine Tubes' products, manufactured to the very highest standards and specifications, are used in the following markets:

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

Services

Fine Tubes supports its customers from the initial design stage through material selection, production, certification and delivery. In addition to its reputation for quality and reliability, Fine Tubes is renowned for its drive for innovation in materials, its commitment to continuous improvement, and its exceptional customer service.

Facilities

With tube mills based in the UK and USA, Fine Tubes has fully integrated R&D and manufacturing facilities that include:

- Pilger mills & weld mills
- Draw benches








- Tube rolling
- Coil drawing
- Controlled atmosphere annealing and 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 partners in Asia and the Middle East. Along with its sister company, Superior Tube, Fine Tubes exports its products to over 35 countries worldwide.

Quality

Quality is the foundation of all operations at Fine Tubes and the company consistently meets customer expectations and requirements. The company operates a Quality Management System which complies with the requirements of AS/EN 9100, ISO 9001 and ISO 14001. The company has also been NADCAP-approved for ultrasonic testing, heat treatment and welding processes.

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



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