

Superior Thread Rolling is located in the San Fernando Valley in Arleta, California. The 29,000 square foot facility serves the commercial, space, and defense industries,

specializing in offering premiere thread rolling as a service, as well as serving as a prime contractor for precision machined flight safety aircraft parts. Founded in 1951, Superior Thread Rolling continues to produce quality rolled threads and machined products. The following is a complete list of our equipment.

Thread Rolling Department

Grinders

- 6 Cincinnati Centerless
- 1 Cincinnati Centerless for Titanium (variable speed)
- 1 Cincinnati Centerless for Thru-Feed

Chamfer

- 4 Manual Chamfering Lathes
- 1 Binns & Berry Lathe (18 foot bed)

Thread Roller

- 6 Reed A-22 (3 Die)
- 2 Reed A-22 HB (3 Die)
- 4 Reed A-33 (3 Die)
- 4 Reed A-34 (3 Die)
- 1 Waterbury #10 (Flat Die)
- 2 Tesker 200 and 200 PLC (2 Die)
- 2 Landis 32 TFRI (2 Die)
- 1 Seny D80 (2 Die)

Induction Heaters

- 2 25 Kw Superior Induction Heater
- 1 11.5 Kw Superior Induction Heater

Burnish / Fillet Rollers / Knurler

- 1 Camporest Burnish Roller (2 Die)
- 2 Fillet Rollers (3 Die)
- 1 Reed D44 (2 Die)

Stress Relieve Ovens

- 2 24"x24"x36" Stress Ovens (1200°F max)

Metallurgical Lab

- 1 Struers Discotom 5 Saw
- 1 Allied PowerCut-10 Saw
- 1 Struers Secotom 50 Saw
- 1 Struers Labopress (single mount)
- 1 Struers Citopress 1 (single mount)
- 1 Struers Citopress 20 (dual mount)
- 1 Allied MetPrep-4 Polisher
- 1 Struers Rotopol Polisher
- 1 Zeiss Microscope (computer controlled)

Die Repair

- 1 Mori Seiki SL-25
- 1 Bridgeport Mill
- 1 Webb Lathe
- 1 Brown & Sharpe Surface Grinder

Manufacturing Department

CNC Lathes

- 1 Samsung SL-40/1500 w/Steady Rest & 300psi Cool.
- 2 Mori Seiki NLX-3000/750 with 1000psi Coolant
- 2 Mori Seiki DuraTurn 2550
- 1 Mori Seiki DuraTurn 2050
- 1 Haas SL-30T
- 2 Samsung SL-20
- 1 Samsung SL-15
- 1 Haas TL-15
- 1 Mori Seiki AL-20
- 1 Mori Seiki AL-2

CNC Mills

- 1 Haas VF4 - 4th Axis ready with 300psi Coolant
- 1 Mori Seiki 5080 - 4th Axis ready
- 1 Mori Seiki 5060
- 1 Haas VF2SS - 4th Axis ready with 300psi Coolant
- 3 Haas VF2 - 4th Axis ready
- 1 Haas VF2 - 4th Axis ready with 1000psi Coolant

CNC Grinder

- 1 Toyoda GE4A-100M CNC O.D. Grinder

Hones

- 2 Sunnen Hone

Saw

- 1 Amada Horizontal Automated Band Saw
- 1 DoAll Vertical Band Saw

Heavy Lifting

- 1 1/2 Ton Jib Crane (single post swivel)
- 1 1 Ton Gantry Crane (4 post)
- 1 Forklift

Quality Department

Inspection Equipment

- 1 Starrett CMM
- 1 Dorsey Comparator
- 1 Deltronic Comparator
- 2 Optical Comparator
- 2 Rockwell Hardness tester
- 2 Mahr-Federal I.D. Air Gage
- 2 BenchSuper Mic (.000020 and .000050 accuracy)
- 35+ Tri-Roll Gages (double-frame)
- 400+ Thread Ring/Plug Gages & Master Set Plugs