

TCS Industries, Inc.

(Your Design) + (Our Experience) = Market Success

Major Equipment List

Machining:

- 38 Vertical Machining Centers.
- 15 Horizontal 4 Axis Horizontal Machining Centers including ten 2012/2013 vintage Mazaks.

Turning:

- 5 Star SR32 Swiss 5 Axis CNC Turning machines
- 1 Star SR16 Swiss 5 Axis CNC Turning machine
- 1 Maier MLK-32 Hybrid CNC Turning machine
- 1 Haas GT-20 CNC lathe.
- 4 Kia skt21lms 5 axis turret lathes, with subspindles
- 3 Davenport Multiple Spindle Screw Machine

Sheet Metal Fabrication:

- 2 Trumpf Trumatic 6000 Laserpress 18 tools w/3000 watt laser
- 1 Salvagnini Laser 3kw capable of cutting aluminum/copper/brass
- 1 Amada HFB 1003 10 foot 110 ton 8 axis CNC hydraulic press brake
- 1 Trumpf V85S 8 foot 85 ton 9 axis press brake.
- 1 Trumpf V5085S 8 foot 85 ton 9 axis press brake.
- 1 LVD Hydraulic 120" Shear
- 4 Heager 824 One Touch Insertion Machines
- Full tumbling, stroke sanding and surface graining capabilities
- Spot welding, MIG & TIG welding certified to QC7-93

Plating / Painting / Silk-Screening:

- 2 Blue M Ovens, 6' wide x 8' high x 12' deep
- 2 Global fully enclosed 9' high x 14' wide x 25' deep paint booth
- 1 Systematic Automation Screen Print Press
- 1 Stainless Steel Passivation Line (E300)
- 1 Yellow Chromate Line for (E512 & E513)
- 1 Clear Chromate Line, RoHS Compliant Process.
- 1 Sand Blasting 24" x 48" x 24"
- 1 Barrel Sand Blaster 6" diameter 12" deep.
- 1 Ball Deck orbital riveter

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- 1 Asymtech gasket application machine. Work envelope 24" x 24"
- Printex Pad Printer G2-150 single color. Work envelope 6" x 24"
- Printex Pad Printer G@-125 single color. Work envelope 6" x 13"
- INC-150 Pad Printer two color / two position. Work envelope 6" x 15" two station

Aluminum Brazing:

- 1 Ajax 26" x 24" x 24" Salt Bath
- 1 Wisconsin Oven
- 2 Blue M Tempering Ovens
- Miller Dynasty 300DX and Miller TIG welding machines
- PVT Aluminum Vacuum Braze Furnace. 36" x 40" x 60"

Quality Department:

- Mitutoyo SurfTest profilometer
- 2 Brown & Sharpe coordinate measuring machines
- 2 Optical Comparator
- Brown and Sharpe Global Image 9158 Automatic CMM. Work envelope 36"x60"x31"
- SPC software featuring InspectionEasy