

GROSS MACHINE

Since 1975



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Facilities List

Capabilities

Gross Machine specializes in manufacturing precision parts; prototypes, production runs, and sub-assemblies. Our equipment is of the highest accuracy so that we can provide you with consistent parts for precise fits. We specialize in machining aesthetically pleasing parts made out of titanium, 316 stainless steel, aluminum, most other metals and plastics.

CNC Vertical Machining Centers

- 2020 Doosan DNM5700, 12,000 rpm.
- 2017 Kitamura MY3XD, 12,000 rpm.
- 1997 Kitamura Mycenter3-X, automatic pallet changer.
- 1995 Kitamura Mycenter 1, 14" x 31" table, 10,000 RPM.
- 1993 Kitamura Mycenter 1, 14" x 31" table, 13,000 RPM.

CNC Lathes

- 2016 Miyano BNA-42S2, mill/turn lathe.
- (2) – 2015 Miyano BNA-42MSY2, mill/turn lathes
- 2006 Doosan Puma 240, 10" chuck bar-feed
- 1995 Hardinge T42, 15 HP. Equipped with an 8" chuck, bar-feed.
- 1993 Hardinge T42SP, Super Precision, 10 HP, bar-feed, (accuracy +/- .0001).
- (3) – 2006 Hardinge GT, Ø1.062" max capacity, 8000 rpm, small turned parts
- 2008 Doosan TT 1800SY, Twin Turret/Twin Spindle, Mill/Turn lathe

Lathes

- (4) - Hardinge - DSM-A-59 precision turret lathes.
- (3) - Hardinge - small second operation lathes.
- (1) - LeBlonde Regal servo shift engine lathe.
- (1) - Hardinge HLV-H super precision engine lathe.

Milling Machines

- (1) - Bridgeport Series I mill, with power feed and Mitutoyo digital readout.
- (1) - Lagun, FTV2SE, heavy duty milling machine. Power feed with DRO to .0001".
- (1) - Barker Mill, for slitting screw heads.

Surface Grinder

- (1) - Harig 612 Ballway. With a 6" x 12" table.

Miscellaneous Equipment

- (1) Sunnen Hone
- (2) Mitutoyo Surftest 211 for surface finish inspection.
- (1) DoAll Automatic Saw 9" x 16".
- (1) Wellsaw vertical and horizontal saw.
- (1) Nikon Profile Projector

Plant size

15,000 square feet – manufacturing

2,500 square feet – office