



Since 1975



1760 COSTNER DRIVE
WARRINGTON, PA 18976
(215) 491-7077 ph.
(215) 491-7033 fax

e-mail:

bruce@grossmachine.com

www.grossmachine.com



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, aluminum, most other metals and plastics.

CNC Vertical Machining Centers

- 2000 Kitamura Sparkchanger 2xi automatic pallet changer, Hi-speed rapids.
- 1997 Kitamura Mycenter 3-X, automatic pallet changer, hi-speed rapids.
- 1995 Kitamura Mycenter 1, 14" x 31" table, 10,000 RPM.
- 1993 Kitamura Mycenter 1, 14" x 31" table, 13,000 RPM.
- 1991 Kitamura Mycenter 3, 30 tools, 20" x 43" table, 6,000 RPM.

CNC Lathes

- 1995 Hardinge T51, 20 HP. Equipped with a 10" chuck .
- 1995 Hardinge T42, 15 HP. Equipped with an 8" chuck, bar-feed.
- 1993 Hardinge T42SP, Super Precision, 10 HP, bar-feed, (accuracy +/- .0001).
- 1990 Hardinge Conquest 42, 10 HP, bar-feed. 1-5/8" through spindle.
- 1988 Hardinge CHNC I, 10 HP, bar feeder. 1-5/8" through spindle.

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".

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