

We **PARTNER** with our Clients and operate with a commitment to *Teamwork, Quality, Execution & Efficiency*



Niagara Punch & Die Corp.

A Precision Machine Shop Facility

176 Gruner Rd. - Buffalo, NY - 14227



Serving The Manufacturing Industry Since 1956

- Full Service Machining Job Shop
- Customer Service - Accurate - Dependable
- Complete Shop Management System

Services

- Machine low to medium volume **custom parts** and **assemblies** to print as well as from sample parts
- Machine **consumable / perishable tooling** used in production manufacturing and assembly operations
- Establish **Kanban's** (inventory pull systems) for individual and families of parts that repeat
- **Design** and **build** custom *Tooling, Stamping Dies, Forming Dies, Fixtures, CNC and Pneumatic Equipment*
- Improve the **productivity** of manufacturing operations with innovative **fixtures** and automation
- **Work closely with engineers** to develop prototypes, products and processes
- Offer **"one stop shop"** service by partnering with vendors to complete processes that we do not perform

Systems

- Complete **shop management software** package (everything from quoting to accounting)
- Layout of the shop floor is consistent with **lean manufacturing principles**
- Real time **Visual Scheduling System**
- Quality Systems compliant with **ISO 2000** standard
- **Kanban - Pull Systems** (inventory stages) for individual and families of parts that repeat
- State of the art **server with networked** computers

Equipment

Grinding	7 Surface Grinders (18" x 6" x 12")
	1 Surface Grinder (23.5" x 12" x 10.5")
	1 Jig Grinder (18" x 11" x 15")
	1 Cylindrical Grinder (OD) (5" dia x 13" long)
	1 Cylindrical Grinder (OD) (13" dia x 21" long)
	1 Centerless Grinder (3" dia x 7.5" long)
	1 Hone (1.25" dia x 5" long)
Lathe	1 Manual Lathe (16" dia x 48" long)
	1 CNC Manual Ops Lathe (16" dia x 43" long)
Milling	1 Manual Vertical Knee Mill (36" x 15" x 15")
	1 CNC Vertical Knee Mill (36" x 15" x 16")
	1 CNC Vertical Bed Mill (40" x 20" x 20")
Sinker EDM	1 Manual Sinker (16.5" x 9.75" x 16")
	1 Manual Sinker w/ ISO cut (10.9" x 6" x 12")
Wire EDM	1 Non-Submerged Wire EDM (13.7" x 9.8" x 9.8")
	1 Submerged Wire EDM (21.6" x 15.75" x 15.75") Wire Diameters - .006 / .008 / .010 / .012 / .013
Engineering	1 CAD - System for Design & Making Prints
	1 CAM - Mill Programming Package
	1 CAM - Wire Programming Package
Quality	1 Optical Comparator (8" deep x 8" high)
	1 Rockwell Tester (5.5" throat x 8" high)
	1 Micro-Hite Gage (14" vertical travel)
	1 Profilometer (<i>surface finish tester</i>)
	- Granite Surface Plates (largest is 36" x 48")
General Machining	1 Glass Bead System (23" x 17" x 17" tank)
	1 TIG / STICK Welder (up to 1.5" plate)
	1 Oxygen / Acetylene Torch
	1 Vertical Band Saw (20" throat x 12" high)
	1 Abrasive Cut-Off Saw (8" dia wheel)
1 Horizontal Band Saw (10" wide x 10" high)	
Bench Work	1 Assembly Area (300 square feet)
	1 Parts Washer (32" x 24" x 7" deep)
	1 Shear (<i>very light duty</i>)
	1 Chemical Part Marker (<i>Electro Etch</i>)
Auxiliary Equipment	3 Spin Rollers (up to 1.5" Dia.)
	2 Rotary Table Flat / Angle
	1 High Speed Grinding Attachment for the Grinders
	1 High Speed Grinding Attachment for the Mills
	1 Magnetic Compound Sine Plate

** and more miscellaneous equipment*