



760 Water Street • P.O. Box 499 • Meadville, PA 16335 • Phone: 814/724-4950 • Fax: 814/724-4959
www.cjindustries.com

Tool Shop Equipment

Grinding Department

No. Of Machines	Equipment Type
2	Harig 6-12 Surface Grinder / 2 Axis DRO
3	Optical Comparators (J&L) (OGP)(Deltronic) All w/62-1/2 Power Lenses
1	Moore Jig Grinder w/Low-High Speed Head Attachments
1	Sharp 6-18 Ballway Grinder / 2 Axis DRO
2	Mitsui 6X18 Surface Grinder
1	Mitsui 8X18 Surface Grinder
1	Imperial New Boulder Flat Sine Fixture
1	Trutech Centerless Grinder Uit
1	St. Mary's Grinding Fixture
1	Harig CNC Grinder w/D.P. Espirit
1	Thread Grinder

EDM Department

No. Of Machines	Equipment Type
1	Charmilles Robofil 440CC CNC Wire EDM w/D.P. Espirit
1	Roboform 40 CNC EDM w/Automatic Tool Changer
1	Roboform 30 CNC EDM w/Automatic Tool Changer
1	Hansvedt Manual Ram EDM w/Orbiter (MS-1)
1	Eltee Pulsitron Manual EDM (EP-20)
1	Eltee Pulsitron Manual EDM w/Orbiter (EP-20)
3	Harig 6-12 Surface Grinders/2 Axis DRO
2	Optical Comparators (Covel) (Scheer/Tumico) All 2/62-1/2 Power Lens
1	Microscope (Sterostar) 4 Power Lenses
2	"Inventor" AutoCad 3D Design Software
1	3D AutoCad Desktop Design Software
1	AutoCad 2002 Design Software
1	Pro-E Wildfire 3D Design Software
1	Pro-E Smart Electrode-3 Design Software
1	Drillmate 50D Hole Popper
1	Westhoff Drilling Machine
1	Vision Engineering Hawk Measuring System 3 Axis Microprocessor 8" x 6" Stage, 5X Power Lens Max.Scale Accuracy .00002", Stage Accuracy .00012"



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Mill Department

No. Of Machines	Equipment Type
1	Makino E33 Machining Center
1	Makino S56 high speed mill
1	Morisieki MS 1250 Engine Lathe w/Digital Read-Out and Chuck Attachments
1	Mazak VTC 300 CNC Machining Center w/ 2 Gig Harddrive (3,500 lb. capacity)/ethernet connection to 3D workstation
1	Matsuura MC-560V VMC Center w/4th Axis Attachment and High Speed Head/RS 232 connection to 3D workstation
1	TRAC AGES3 CNC Bedmill w/3D Control / RS -232 connection to 3D Station
1	Bridgeport Series 1 w/Accurite Mill Power NC Control
1	Bridgeport Series 1 w/Digital Read-Out and Power Feeds
1	Bridgeport Horizontal Attachment
1	Voloastro Rotary Milling Head
1	Arboga ER-830 Radial Drill Press
1	Deckel Cutter Grinder
1	SPG Drill Grinder
1	Roll-In Band Saw
1	WF Wells Band Saw 16"x20" Capacity
1	Delta Carbide Tool Grinder
2	D.P. Espirit Software Mazak, Matsura, Makino

Mold Bench

No. Of Machines	Equipment Type
9	Fully equipped service stations for tool repair, close tolerance fitting and Assembly

For more information regarding C&J's Tooling Capabilities, please visit our website www.cjindustries.com.