



# NIFTY BAR

GRINDING & CUTTING SOLUTIONS, INC.



## FACILITIES LIST

### Manufacturing Engineering

- Windows Small Business Server Client/Server Network
- Epicor Manufacturing Software
- CAD/CAM Software
- DWG and DXF File Compatibility

### Blanchard Grinding

- (3) Blanchard No. 18 Vertical Spindle, Rotary Table, Surface Grinders with 42" Magnetic Chucks
- (1) Mattison No. 42 Vertical Spindle, Rotary Table, Surface Grinder with 42" Magnetic Chuck
- (1) Mattison No. 36 Vertical Spindle, Rotary Table, Surface Grinder with 36" Magnetic Chuck
- (2) Blanchard No. 32-60 Vertical Spindle, Rotary Table, Surface Grinders with 60" Magnetic Chucks
- (1) Mattison 8448 Vertical Spindle, Rotary Table, Surface Grinder (110" Diagonal Capacity)

### Double Disc Grinding

- (6) Gardner 18"- 30" Double Disc Grinder with Oscillating Feed, Thru-Feed, or Oscillating Feed

### Surface Grinding

- (1) Mattison Horizontal Spindle Surface Grinder with 30" x 120" Magnetic Chuck
- (1) Chevalier FSG-3A1224H Hydraulic Surface Grinder with 12" x 24" Magnetic Chuck
- (1) Thompson Type CD Surface Grinder

### Edge and End Grinding

- (1) Medina Model B End Grinder (15" x 46" capacity)

### Flame Cutting

- (1) ESAB Sabre 2000 Plasma/Oxy Fuel CNC Cutting Machine with Vision 1000 Controller (90" x 230" capacity)

### Saw Cutting

- (1) Trennjaeger LKH-420-1000 Longitudinal Cold Saw (8" thickness x 72" blade travel capacity)
- (1) Trennjaeger PMC-8L Longitudinal Cold Saw (6" thickness x 41" blade travel capacity)
- (1) Kaltenbach KKS400NA Precision Auto Cutoff Saw (5" capacity)
- (1) Armstrong-Blum No. 9 "Marvel" Hacksaw

### Milling

- (1) Cincinnati Model 420/185 Duplex Production Mill with 20HP Spindles
- (1) Bridgeport Milling Machine

### Waterjet Machining

- (1) Jet Edge Model IP55-75 CNC Abrasive Waterjet Machining System with Windows NT based Controller and Sigmanest Software (72" x 144" cutting capacity)
- (1) Jet Edge Model IP55-100 CNC Abrasive Waterjet Machining System with Windows NT based Controller and Sigmanest Software (72" x 144" cutting capacity)
- (1) Techni TJ3000S2 Waterjet Machine, 60" x 120" capacity with Bevel Cutting capability.

### Welding

- (1) A.O. Smith AC-DC Welder
- (1) Linde VI 253 CV DC MIG Welder

### Materials Handling

- (1) 3 Ton Cleveland Crane
- (1) 2 Ton Cleveland Crane
- (1) 3 Ton American Tram
- (1) 4 Ton Yale Crane
- Multiple 1/2 Ton and 1 Ton Electric Lifts
- (1) 3 1/2 Ton Clark Fork Lift
- (1) 1 1/2 Ton TCM Fork Lift
- (1) Anver Non-Ferrous Metal Lifter
- (1) 3 Ton Electric Magnet
- Multiple 1/2 Ton and 1 Ton Permanent Magnets

### Miscellaneous Equipment

- (1) Dake 75 Ton Press
- (1) Samsco Water Evaporator (for coolant reclamation program)

### Quality

- (1) Sheffield Cordax 1808M DCC Coordinate Measuring Machine (39.4" x 24.6" x 19.7" capacity)
- (1) J&L TEC-14 Optical Comparator with Quadra-Chek 2000 (12" x 6" capacity)
- (1) Federal Products Profilometer
- (1) 36" x 48" Surface Plate
- (1) 18" Indi-Square
- (1) Height Gage
- (2) 12" x 18" Surface Plates
- (1) 48" x 72" Surface Plate
- (1) 24" x 48" Surface Plate
- (1) 18" x 18" Surface Plate
- (1) Rahn Angle Plate
- (1) Mitutoyo DP-1DX Digimatic Processor with SPC Capabilities
- (1) 0" - 6" Mitutoyo Micrometer
- (2) 6" - 12" Starrett Micrometer
- (3) Gage Block Sets
- (2) Gage Pin Sets
- (1) 0" - 1" Flange Micrometer
- (1) 0" - 1" Mitutoyo Repeating Micrometer
- (1) 5" - 50" Cal-X-Tender Dial Caliper
- Multiple Dial Indicators (0.00005" - 0.001" Resolution)
- Multiple Transfer Stands
- (1) J&L Optical Comparator with Quadra Check 2000 Program Edge Finder
- (1) 0" - 12" Mitutoyo Digital Calipers with SPC Capability