



Reber Machine and Tool Co., Inc

Quality at a Competitive Price Since 1942

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CNC EQUIPMENT

- (2) Kelleneberger Universal Cylindrical Grinder ~ 14" O.D. x 60" long with 10 millionth increments
- (1) Chevalier 3 Axis CNC high precision surface grinder
- (5) Surface Grinders with optical scope, Indexing capabilities, and 40,000RPM spindle, 3Axis
- (1) Charmilles RoboForm 31 EDM –w- C-Axis
- (2) Charmilles RoboForm 20 EDM –w- C-Axis
- (1) Mitsubishi VX-20 RAM EDM –w- Fuzzy Logic
- (1) System 3R Workmaster Robotic Arm
- (2) Okada Graphite Mill
- (1) Belmont EDM Drill
- (4) Tree Vertical Milling centers
- (1) Hillyer CNC machining center 66"x48"x30" — 24' Rotary
- (1) Okuma "High-Speed" vertical milling center MD-45VAE 30X" 18.11Y" 17.72" 25,000rpm spindle — fitted with a Renishaw system and tool presetter
- (1) Long bed Lathe ~ 18" dia. X 100" between centers
- (4) Okuma Lathes, 24.4" swing with 3.62" barfeed
- (2) 4-Axis CNC Horizontal Machining centers
- (1) Makino MC98 630mm pallet Horizontal **5-AXIS JET50 15,000 RPM CAT50 spindle**

LARGE MILLING EQUIPMENT

- (1) 5" Wotan Horizontal Boring Mill equipped with a 60" x 67" power rotary table
- (1) 4" G&L Horizontal Boring Mill ~ 60" x 44" x 48" and equipped with a 48" rotary table

LARGE LATHES

- (2) Le Blonde Engine Lathe ~ 50" swing, 21' between centers
- (2) Webster & Bennett Vertical Turret Lathe ~ 84"swing x 60" height under turret

INSPECTION DEPARTMENT

- (1) DEA Coordinate Measuring Machine ~ 33" x 55" x 26" with a Renishaw PH9 articulating Probe (+/- .00015" accuracy)
- (5) Mitutoyo Optical Comparators with SPC output link
- (3) CNC Video Cameras with 400x magnification (+/- .00015" accuracy)
- (1) Hommel Wave System Contour Trace Machine
- Mitutoyo Measurlink RealTime SPC data acquisition software (available at all machines)

ADDITIONAL EQUIPMENT

- (1) 150 ton Straightening Press –w- 7' x 3-1/2' table
- (2) Automatic Honing Machines Capable of honing 1/32" to 15" which are gage compatible
- (1) 36" LapMaster lapping machine
- (1) Boy 22M plastic Injection machine
- (1) Engravograph engraving machine
- (1) Paint booth

LIFTING CAPABILITIES

- (1) 20 ton Shaw Box Bridge Crane
- (1) 10 ton Shaw Box Bridge Crane
- (1) 5 ton Nissan Bridge Crane

CAD/CAM CAPABILITIES

- AutoDesk AutoCAD R14, 2000i, 2002, 2005, 2011 Suite Mechanical Desktop and Inventor 12
- SDRC Smartcam 11.5
- MasterCAM X5
- PTC **Pro/ENGINEER** WildFire

LARGE GRINDING EQUIPMENT

- (1) Landis O.D. Grinder ~ 16"dia. x 96" between centers and equipped with an Arnold sizing gage
- (1) Blanchard Rotary Surface Grinder ~ 48" swing x 29" under wheel, equipped with a 1 ton jib crane
- (2) Thompson Surface Grinder ~ 20" x 96" with large magnetic chuck