

MILLING: TOLERANCE XY \pm 0.0002", TRUE POSITION 0.001"

(5)	3 Axis Vert. CNC Machining Centers	39" x 23" x 23" max
(5)	4 Axis Vert. CNC Machining Centers	30" x 16" x 17" max
(7)	5 Axis Vert. CNC Machining Centers	29" x 20" x 20" max
(3)	4 Axis Horz. CNC Machining Centers	39" x 31" x 31" max
(1)	4 Axis Horz. CNC Multi Pallet M/Cs	22" x 24" x 22"
(6)	5 Axis Horz. CNC Multi Pallet M/Cs	86" x 63" x 73" max
(27)	3 Axis Manual +Rotary Tables, Horz & Vert.	200" x 48" x 48" max



TURNING: TOLERANCE XZ \pm 0.0002"

(10)	2 Axis CNC Lathes	35" dia. x 78" lg max
(1)	8 Axis CNC Lathe/Mill	19" dia x 32" lg
(1)	9 Axis CNC Lathe/Mill (2 Spindle, 2 Turret)	25" dia x 60" lg
(18)	3 Axis Manual	55" dia x 120" lg max

JIG BORING: TOLERANCE XY \pm 0.0002", TRUE POSITION 0.001"

(3)	Jig Bore Mills with Grinding Capability	24" X 40" X 30" Max.
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EDM SINKER/WIRE: TOLERANCE XY \pm 0.0005" / 32 FINISH

(2)	4 Axis Wire EDM	30" x 26" x 8" max
(2)	5 Axis Wire EDMs	31" x 23" x 20" max
(2)	3 Axis Sinker EDMs	61" x 30" x 21" max
(3)	4 Axis Sinker EDMs	48" x 34" x 18" max
(1)	1 Axis Hole Popper (.008" to .235" Dia.)	13.8" x 9.8" x 13.4" area



CYLINDRICAL GRINDING: SIZE \pm 0.0001" / 6 FINISH

(3)	4 Axis CNC universal ID / OD / Thread	13.7" dia x 40" lg max
(3)	3 Axis CNC universal ID / OD / Thread	7" dia x 39" lg max
(17)	2 Axis Manual universal ID / OD	20" dia x 106" lg max
(3)	3 Axis Manual Thread Grinder	20" dia x 48" lg max

SURFACE GRINDING: FLATNESS \pm 0.0002" / 6 FINISH

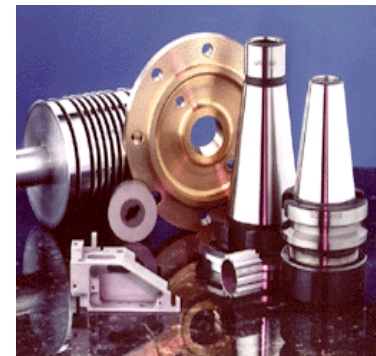
(1)	3 Axis CNC Horiz Way Grinder	120" x 30" x 40"
(10)	2 Axis Manual Horiz	200" x 60" x 50" max
(2)	2 Axis 'Blanchard' type	43" Chuck

HONING: Conventional & Diamond: SIZE \pm 0.00005" / 4 FINISH

(3)	Horz. ID	1/4" min x 1 1/2" max
(1)	Vert. ID 4 Spindle + Stroker	3/8"min x 1 1/2"

QUALITY ASSURANCE - AS9100:2009 Rev.D & ISO 9001:2008 Registered

(2)	Zeiss Accura CMM	95" x 47" x 39" max
(3)	Zeiss Contura CMM	48" x 48" x 48" max
(2)	Zeiss Duramax CMM	24" x 24" x 24" max
(1)	Zeiss Prismo MPS CMM	71" x 47" x 39"
(2)	Faro; Edge & Tracker	
(1)	Talyrond 585H Roundness & Profiling MM	10" x 19" lg up to 110 lbs
(6)	Optical Comparitors (Starrett, Mitutoyo, Nippon)	10" x 10" x 10" max
(3,180)	Registered Calibrated Precision Hand Measuring Tools (calipers, micrometers, vernier calipers, profilometers, bore gages, inclinometers, collometers, microscopes, etc.)	



MACHINING SUPPORT OPERATIONS

- Arc Welding
- 30T Bridge Crane
- Painting
- Hard Chrome Plating
- Chem Film Touch-up
- Laser Marking
- Soldering
- Sand/Bead Blasting
- Hardness Testing
- Tool Grinders