



FACILITY & EQUIPMENT LIST

55,000 Square Foot Facility

- 9,000 Square Feet for Administration and Engineering
- 46,000 Square Feet for Production

CNC TURNING CENTERS

Qty	Description
1	Daewoo Puma 450A, 60 HP, Ø27" x 62"
1	Fuji CSD-300, 15/20 HP, Ø7.9" x 3.9", Dual Spindle, Dual Turret w/3-Axis Gantry Robot
1	Harrison Alpha 550 Plus, 15 HP, Ø14" x 120"
2	Hitachi Seiki CS-20 Vertical Turning Cell, Ø10" x 6"
1	Mori Seiki DL-25, Ø14.57" x 11.8", Dual Inline Opposing Spindles W/C-Axis & Overhead Gantry Loader
1	Mori Seiki DuraTurn 2550, 35/30 HP, Ø14.5" x 24"
1	Mori Seiki NZ-S1500 Twin Turret Shaft Machine Ø4" x 16"
1	Mori Seiki SL25A/500, 20 HP, Ø10.56" x 20"
2	Mori Seiki SL25B/1000 Slant Bed, 25 HP, Ø10.56" x 39"
1	Mori Seiki ZL-203 SMC - Six Axis w/IEMCA Master 880 MP-E 12' Bar Feed, 10" Swing
1	Mori Seiki ZL-203 SMC - Six Axis w/LNS Hydrobar Sprint 12' Bar Feed, 10" Swing
1	Mori Seiki ZL-253 SMC - Four Axis w/LNS Quick Six 6' Bar Feed
1	Nakamura-Tome Methods Slant-Jr. Lathe, Ø5" x 11.8"
1	Okuma LR25 - Four Axis, Ø13.39" x 33.46"
1	Topper TNL-100A Lathe, Ø8" x 20" w/Topper BE-1200 Ø2" Bar Feed

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CNC HORIZONTAL MACHING CENTERS

Qty	Description
1	DMG/Mori NHX5500, 500MM Pallets, X-31.4", Y-31.5", Z-34.6"
1	DMG/Mori Seiki NHX4000, 400MM Pallets, X-22", Y-22", Z-26"
1	DMG/Mori Seiki NH4000 DCG, 400MM Pallets, X-22", Y-22", Z-24.8"
1	Mori Seiki SH403, 400MM Pallets, 30 HP, X-16", Y-16", Z-20"
1	NTC N4Q, 500MM Pallets, X-25", Y-20", Z-20"

CNC VERTICAL MACHING CENTERS

Qty	Description
1	Doosan DNM 500 II, X-40.2", Y-21.3", Z-20.1"
1	Excel 810, X-30", Y-20", Z-22"
1	Haas VF-4 w/"A" Axis, X-50", Y-20", Z-25"
1	Hyundai WIA F500VM, X-43", Y-22", Z-20"
1	Mazak Nexus 510C, 4 Axis, X-41.34", Y-20.67", Z-20"
1	Mazak SV-25 w/Full Fourth Axis, X-60", Y-32", Z-32"
1	Mazak VTC16A w/25 A.T.C., 10 HP, X-20", Y-16", Z-20"
1	Mazak VTC-41M w/24 A.T.C., 10 HP, X-44", Y-16", Z-20"
1	Mori Seiki MV-40, X-31.5", Y-16.15", Z-20.1"

CONVENTIONAL LATHES

Qty	Description
1	Clausing Colchester 15 Engine Lathe, 5 HP, Ø15" x 50"
1	Clausing Colchester 18 Engine Lathe, 15 HP, Ø18" x 80"
1	Jinan JiMT360 Engine Lathe w/D.R.O., 4 HP, Ø14" x 40"
1	Mazak Engine Lathe w/D.R.O., 25 HP, Ø25" x 80"
1	Mazak Engine Lathe, 25 HP, Ø24" x 120"
1	Nardini Nodus ND-1560-E Engine Lathe, Ø15.375" x 60"

CONVENTIONAL MILLS

Qty	Description
1	Ex-cell-o 602 Vertical Mill, 1.5 HP, 9" x 42"
1	Tree 2UVR Vertical Mill, 1.5 HP, 10.5" x 42"
1	Tree 2UVR Vertical Mill, 1.5 HP, 10.5" x 42" w/Sony Millman D.R.O.

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GRINDING

Qty	Description
1	Toyoda SelectG 100II Universal CNC Grinder, Ø12.6" x 39.4" w/Marposs Gauging
1	Abrasive No. 3-B Surface Grinder, Table 8" x 18"
1	Cincinnati Sizematic ID Grinder, Ø4" x 12" Swing x 6" Stroke
1	Excello #74 Center Lapping Machine 40" Capacity
1	Heald No. 25-A Rotary Surface Grinder, 28" Table Capacity
1	Heald No. 271 Size-Matic ID Grinder, Ø5.5" x 12" Swing x 5" Deep
1	Heald No. 272 Size-Matic ID Grinder, Ø5.5" x 12" Swing x 5" Deep
1	Heald No. 72-A ID Grinder - Extended Bridge, 16" Swing x 48"
1	Heald No. 72-A ID Grinder, Ø12" x 20" Swing
1	Heald No. 72-A ID Grinder, Ø25" x 26" Swing
1	Heald No. 74 ID Grinder, Ø20" x 38" Swing
1	Norton Plain Cylindrical Grinder, Ø10" x 72"
1	Reid No. 2-B Surface Grinder, Table 6" x 18"
1	Shigiya G-27 Universal Grinder, Ø8" x 24"
1	ELB Perfekt 9 ND Surface Grinder, Table 12" x 36"
1	Karstens 16B Cylindrical Grinder, Ø12" x 28"

GUNDRILLS

Qty	Description
1	Barnes Gundrill, Ø1.00" x 60"
1	Barnes Gundrill, Ø2.00" x 48"
1	Eldorado Knee Type Digitally Controlled Gundrill, Ø1.25" x 28"

HONES

Qty	Description
1	Barnes Horizontal Hone 10" I.D. x 100"
1	Excel 810 VMC, 30" x 20" x 22", CNC Honing
2	Sunnen Manual Hones 0.06" to 6.50" I.D. x 16"
3	Sunnen Power-Stroke Hones 0.06" to 3.75" I.D. x 16"

GEAR HOBBER

Qty	Description
2	Barber-Colman #16-16 Gear Hobber 6 DP, Ø16" and 16" Length/Face Width

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BROACHING

Qty	Description
1	American T-10-36, Vertical Broach 10-Ton Capacity, 36" Stroke

FACING AND CENTERING

Qty	Description
1	G&L Fraser Model MC2, 8" Swing x 90", Up to 10" Cutter

PRODUCTION SAWING

Qty	Description
1	Danobat Production Saw, 10" x 10" Capacity W/bundle cutting
1	FOM Panda 300 Electropneumatic up-feed saw, for cutting Aluminium and Plastics
1	Forte Automatic Production Saw, 7 HP, 14" x 14" Capacity w/bundle cutting

WELDING

Qty	Description
4	Welders - Stick , Wire and Heli-Arc Production Welding Available

INDUSTRIAL OVENS & FURNACES

Qty	Description
1	Grieve 343 Industrial Bench Oven, 36" x 48" x 36"

LASER ENGRAVING & MARKING

Qty	Description
1	LasOnAll Laser Marking System, Max. Load size (B x H x D): 300 x 300 x 300 mm

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TOOL MEASUREMENT AND INSPECTION

Qty	Description
1	Parlec(Omega TMM) - Origin Optical Presetter, Measuring Length: 508mm(20") / Dia: 254cm(10"). Other features include surface illumination, 0.001mm fine adjustment, rapid quick-positioning handle with electronic breaking, and a 19" widescreen monitor with 70x video measuring capabilities utilizing a digital camera system capable of delivering micron-level accuracy.

QUALITY ASSURANCE

Qty	Description
1	Brown and Sharpe Global Image 575 DCC, 20" x 27" x 20"
1	Brown and Sharpe MicroVal 343 CMM, 14" x 16" x 12"
1	DEA IOTA 2203 DCC, 40" x 60" x 40"
1	Zeiss Vista DCC, 16" x 20" x 14"
	Complete lines of gauging, surface plates, standards, etc. to insure your parts meet your specifications.

MATERIAL HANDLING

Qty	Description
1	Caterpillar V500 Fork Lift Truck, 5,000# Capacity
1	Clark C500-100 Fork Lift Truck, 8,000# Capacity
1	Hyster S150 Fork Lift Truck, 15,300# Capacity
1	Toyota 6FGCU25 Fork Lift Truck, 5,000# Capacity
1	2006 GMC Sierra 2500HD Heavy Duty Pickup Truck
1	2012 Isuzu NPR-HD Box Truck

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