

**Lathes:**

Honor Seiki VL-160CM, 60" Chuck, (Max turn dia = 78", Max Length 74", 1000psi)  
Honor Seiki VL-160CM, 63" Chuck, (Max turn dia = 78", Max Length 50", 1000psi)  
Okuma 2SP-V920EX, Twin 24" Chucks, (Max turn dia. = 36", Max Length = 34")  
Okuma V100R M, 32" Chuck, (Max turn dia =40", Max Length 35", 1000psi)  
Mori Seiki NL-3000MC, 15" Chuck, (4.1" bore, max dia = 17", Btw Ctrs 49")  
Mori Seiki NL-3000MY, 15" Chuck, (4.1" bore, max dia = 17", Btw Ctrs 49")  
Mori Seiki NLX-700MC, 12" Chuck, (4.1" bore, max dia = 17", Btw Ctrs 28")  
Mori Seiki NLX-700MY, 12" Chuck, (4.1" bore, max dia = 17", Btw Ctrs 28")  
(2) Okuma LB4000EXM CNC Lathe, 15" Chuck, (4.1" bore, max dia = 17", Btw Ctrs 84")  
Okuma LB3000EX-M CNC Lathe w/Bar Feeder, Live tooling, 10" Chuck, (3.1" bore, max dia = 16.4", Btw Ctrs 40")  
Okuma LB3000EX CNC Lathe, 10" Chuck, (3.1" bore, max dia = 16.4", Btw Ctrs 40")  
Okuma LU300 CNC Lathe, 10" Chuck, twin turret, live tooling (2.44" bore, max dia = 13.5", Btw Ctrs 40") Haas TL-3 CNC  
Haas TL-3 Lathe, 12" Chuck (3.5" bore, max dia = 20", Btw Ctrs 60")  
Haas SL20 CNC Lathe w/Bar Feeder, 8" Chuck (2" bore, Max dia = 10.3", Btw Ctrs )  
Haas SL30 CNC Lathe w/Bar Feeder, 10" Chuck (3" bore, max dia = 17", Btw Ctrs 34")  
Haas SL40 CNC Lathe w/Steady,45HP, 15" Chuck (4" bore, max dia = 30.00", Btw Ctrs 51", 44" max cut) Haas SL40TB  
Haas SL40TB CNC Lathe w/Steady, 55HP, 18" Chuck (7" bore, max dia = 30.00", Btw Ctrs 51", 44" max cut)

**Mills:**

ACER CNC Knee Mill (30x14x4)  
(2) Haas TM2 CNC Mill w/Renshaw Probe, 40 Taper, (40x16x16, 10 tool carousel)  
Haas VF-2SS CNC Vertical Mill w/Renshaw Probe, 40 Taper, (30x16x20, 24 tool vert. turret)  
Haas VF-3 CNC Vertical Mill w/Renshaw Probe, 40 Taper, (40x20x25, 24 tool vert. turret)  
(2) Haas VF-6 CNC Vertical Mill w/Renshaw Probe, 50 Taper, (64x32x30 , 30 tool vert. turret, 1000psi)  
Haas HS-4R HMC, 4-Axis, 50 Taper, (150"x66"x60", 38 tool side turret, 1000psi)  
Okuma MB4000-H, 4-Axis, Cat 40 Big Plus, Dual Pallet, (22x22x24, 60 tool ATC, 1000psi)  
(2) Doosan DNM 4500 Vertical Mill w/Probing, 40 Taper, (31.5x17.7x20.1, 30 tool capacity)

**5-Axis Turning Centers:**

Okuma VTM 1200YB, 49" Chuck, Full contouring, (Max turn dia = 47", Max Length 46.5", 1000psi)  
Okuma VTM 120YB, 32" Chuck, 5-Axis positioning, (Max turn dia = 47", Max Length 37.5", 1000psi)

**5 & 6-Axis Swiss Screw Machines:**

Tsugami BO326-II Lathe W/ Bar Feeder and Rear Eject, (Max Dia = 32mm, Btw Ctrs 12.5")  
Tsugami BO325-II Lathe W/Bar Feeder, (Max Dia = 32mm, Btw Ctrs 12.5")

**4-Axis Rotary's:**

Haas HRT310B Rotary Table #1 (max swing = 12.25")  
Haas HRT310B Rotary Table #2 (max swing = 12.25")  
Haas HRT160 Rotary Table #3 (max swing = 9.5")  
Tsudakomo RWE 160 Rotary Table (max swing = 10.00")

**Inspection:**

Global Advantage CMM (47"x35"x31")  
Cordax 1808 CMM (80"x20"x16")  
Brown & Sharp CMM (36"x36"x20")  
Romer Absolute 7520 (x2) & 7540 (x1)  
Keyence IM-7500 Image Dimension Measurement System

**Saws:**

HEM H105A-4 Automatic Production Saw (up to 14" rnds or 16" Flats)  
Horizontal (up to 12")

**Engraving**

Laser - Fiber Optic Micro Marker (4x4 marking area)  
Impact - Telisis, Propin, & Technomark

**Phosphate Coating**

Production Zinc Phosphate Coating

**Non-Destructive Testing**

Magnetic Particle Inspection  
Dye Penetrant

**Design & Programming Software:**

Solidworks 2021  
Esprit 2021

**Finishing Process**

Mass Finishing Inc. Model HZ-12 Tumbler