

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)
Doosan Puma 4100LB, 18" Chuck, (4.5" bore, max dia = 21.7", Btw Ctrs 82.36")

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)
(3) Doosan DNM 4000 w/ Renishaw Probing, CAT40 Big Plus, (20"x16"x19", 20 Tool ATC, Rotary Table)

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)

Multi-Axis Swiss Screw Machines:

Tsugami BO326-II 6 Axis Lathe W/ Bar Feeder and Rear Eject, (Max Dia = 32mm, Btw Ctrs 12.5")
Tsugami BO325-II 5 Axis Lathe W/Bar Feeder, (Max Dia = 32mm, Btw Ctrs 12.5")
Tsugami BO38T 9 Axis Lathe W/Bar Feeder, (Max Dia = 38mm, Btw Ctrs 9.84")

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