

## USA - Equipment Listing

ISO 9001 Certified; AS 9100

### Machining Capabilities:

#### Lathes:

Mori Seiki SL-250; Mori Seiki SL-250BMC; Mori Seiki SL-303  
Daewoo Puma 230M; Daewoo Puma 240  
Haas SL-40; Haas SL-30; Haas SL-20  
(3) Yama Seiki GA3600; (1) Yama Seiki GA3600m  
Takasawa TC-4  
Amera Seiki T-310MC  
Viper VT-33B  
Femco HL-25  
Honor Seiki VL-160CM, 63" Chuck - Max. Length 84"  
Honor Seiki VL-160CM, 63" Chuck - Max. Length 60"  
Okuma VTM 120YB, 32" Chuck  
Okuma V100R M, 32" Chuck  
Mori Seiki NL-3000MC, 15" Chuck  
Mori Seiki NL-3000MY, 15" Chuck  
Mori Seiki NLX-700MC, 12" Chuck  
Mori Seiki NLX-700MY, 12" Chuck  
(2) Okuma LB4000EXM CNC Lathe, 15" Chuck  
Okuma LB3000EXM CNC Lathe, 10" Chuck  
Okuma LB3000EX CNC Lathe, 10" Chuck  
Okuma LU300 CNC Lathe, 10" Chuck, twin turret, live tooling  
Haas TL-3 CNC Lathe, 12" Chuck  
Haas SL20 CNC Lathe w/Bar Feeder, 8" Chuck  
Haas SL30 CNC Lathe w/Bar Feeder, 10" Chuck  
Haas SL40 CNC Lathe w/Steady, 45HP, 15" Chuck  
Haas SL40TB CNC Lathe w/Steady, 55HP, 18" Chuck

#### Mills:

ACER CNC Knee Mill (30x14x4)  
(2) Haas TM2 CNC Mill w/Renshaw Probe, 40 Taper  
Haas VF-2SS CNC Vertical Mill w/Renshaw Probe, 40 Taper  
Haas VF-3 CNC Vertical Mill w/Renshaw Probe, 40 Taper  
(2) Haas VF-6 CNC Vertical Mill w/Renshaw Probe, 50 Taper  
Haas HS-4R HMC, 50 Taper

#### Horizontal Machining Centers W/500 mm Table:

(2) Enshu GE-480H  
Mitsubishi MH-500

#### CNC Vertical Machining Centers W/4 Axis Capability & up to 30 x 60 Travel:

Mori Seiki SV-400  
(2) Yama Seiki BM-1460; Yama Seiki BM-1020; Yama Seiki AV-1000  
Haas VF-5; Haas VF-4; Haas VF-3 (2)  
Shizouka SV-4024

#### 4-Axis Rotary's:

(2) Haas HRT310B Rotary Table (max swing = 12.25")  
Haas HRT160 Rotary Table (max swing = 9.5")

#### 5-Axis Swiss Screw Machine:

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

#### Assembly Dept.:

(7) Hydraulic presses up to 30 ton capacity  
Pines bar and tube bender 2-1/4" capacity

Westinghouse Induction Heater  
Graymills Automatic Parts Washer  
(2) Hypneumat Crossdrill Machines

Saw Dept.:

(3) CNC Bundle Cut Saws  
(2) Hydmech H-12  
Daito GA-260W  
HEM H105A-4 Automatic Production Saw (up to 14"rnds or 16" Flats)  
Horizontal (up to 12")

Surface Grinders:

6" X 10"  
8" X 25" (X2)

Heat Treat Ovens:

12" x 11" x 6"  
18" x 23" x 19"

Engraving:

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

Environmentally Controlled Q.C. Dept.:

(3) Mitutoyo CMM's - 1906; A910; A504  
Surface Tester  
Hardness Tester  
Comparator  
Global Advantage CMM (47"x35"x31")  
Cordax 1808 CMM (80"x20"x16")  
Brown & Sharp CMM (36"x36"x20")  
Romer Absolute 7520 (x2) & 7540 (x1)

Engineering Dept. - Design/Programming Software:

Solidworks Software  
Autocad Software  
Mastercam Software  
Esprit 2015