



EQUIPMENT:

CAD/CAM System

2008 FANUC 11D AWF 16 WIRE E.D.M.

2005 FANUC 11A AWF 18/CNC WIRE E.D.M.

(2) MORI SEIKI DURA VERTICLES

(3) MORI SEIKI DURA VERTICLES

2008 MORI SEIKI HORIZONTAL MACHINE

TOYODA CNC 4th Axis Machining Center

MATSURA MC 1000 CNC Machining Center

MORI SEIKI Vertical Machining Center

KITIMURA Horizontal Machining Center
with Pallet Changer

MORI SEIKI Vertical Machining Center

EXCEL 4 Axis CNC Vertical Machining Center

DESCRIPTION:

Virtual Gibbs with Solids, IGES, DXF, Parisolid
Translators for efficient off-line programming.

With fully programmable software, submersible auto
wire threader, glass scales. 24.000" x 24.000' x .0002
tolerances.

With fully programmable software, submersible auto
wire threader, glass scales. 14.500" x 14.500' x .0002
tolerances.

5100, Large capacity 4th axis thru spindle coolant
system, .0002 tolerance. X= 41.500 Y = 20.900 x Z =
20.100

5100, Large capacity axis thru spindle coolant system,
.0002 tolerance. X= 41.500 Y = 20.900 x Z = 20.100

NH 5000 Large capacity, multi pallet .0002 tolerance
high speed. Full 4th axis Machining center.

Large capacity. X=96", Y=32", Z=30". Large 20"
Diameter 4th Axis, 32-50 Taper Tool Changer

Large capacity. X=40.15", Y=21.65", Z=20". High speed
spindle and rapid rates. Powerful 40 HP, 50 Taper,
Coolant Through.

Large Precision Work to +/- .0002, 30 Station Tool
Changer, Spindle Chiller, X=60" Y=30" A=25", 30 HP, 50
Taper 400 IPM Rapid Traverse, 3000 lb Table Capacity.

Large capacity, twin pallets, precision work to .0005
High Productivity and Precision Machining, Full 4th
Axis, High Torque Spindle. 100 plus tool changer.

Precision Work to +/- .0005 20 Station tool changer
10 H.P. Direct Drive, 40 Taper X=31.5 Y=16.100 Z=
20.100 8,000 RPM

Precision Work to +/- .002, 24 Station High Speed Tool
Center, FANUC Control, 15 HP, 10,000 RPM, X=32",
Y=20", Z=22", 4th Axis



EQUIPMENT:

EXCEL High Speed CNC Vertical Machining Center

NLX 2500/700 MILL/TURN

MORI SEIKI SL-35 CNC Lathe

(2) MORI SEIKI SL-25 CNC Lathes

MORI SEIKI CNC Lathe, SL-15

MORI SEIKI CNC Lathe, SL-200

MORI SEIKI NLX 2500

(2) OKAMOTO Automatic Surface Grinders

SUNNEN HONE

COSEN Saw C-300NC

DESCRIPTION:

Precision Work to +/- .0001, 24 Station High Speed Center, FANUC Control, 15 HP, 945 inches per minute rapids, x=40", y=20", z=22"

Lns Bar Feeder and Roto Rack parts catcher 3 1/2" Collet capacity

Precision Work to +/- .0002, 40 H.P., FANUC Controls Work to 24" Diameter, 32" Long, 3 1/2" Collet Capacity

Precision Work to +/- .0001, 20 H.P., FANUC 16T Controls Work to 19" Diameter, 24" Long, 2 5/8" Collet Capacity

Precision Work to +/- .0001, 6000 RPM Spindle, FANUC 10TF Control Work to 10" Diameter and 22" Long, Automatic Bar Feeder

Precision Work to +/- .0001, Up to 10" Diameter, 19" Long, FANUC Control

Precision Work to +/- .0001, Up to 10" Diameter, 19" Long, FANUC Control

Fully Automatic High Precision Grinder, 14" x 30" Capacity

I.D. Honing Machine With O.D. Honing Attachment, +/- .00005, 4 Micro Finish

14" Diameter Capacity