

**FACILITIES LIST** [www.efgroup.com](http://www.efgroup.com)

**CNC MILLING CENTERS**

**Kitamura Machines**

**5 Axis Machining Centers**

**(2) MyTrunnion-5**

32" x 29.3" x 19.7" - 20,000 RPM (1 - 2008) & (1 - 2013)

**(1) MyTrunnion-1**

12.2" x 20.1" x 18.1" - 15,000 RPM (2008)

**(1) MyCenter-4XT**

31.50" x 24.02" x 20.08 - 15,000 RPM **(NEW June 2021)**

**3 & 4 Axis Machining Centers - (2012 - 2018)**

**(1) MyCenter H400iG - 20,000 RPM**

**(1) MyCenter H400 - 20,000 RPM**

**(2) MyCenter H400iF - 20,000 RPM**

**(2) MyCenter H400i SII - 15,000 RPM**

**(1) MyCenter HX400G - 20,000 RPM**

**(3) MyCenter HX300iF - 20,000 RPM**

**(2) MyCenter HX300i - 20,000 RPM**

**(2) MyCenter 4XiD - 12,000 RPM**

**MyCenter H300**

4 axis horizontal machining center 16"x 14"x 16" work area each pallet (1997) - 10,000 RPM

**(2) 3XiF Sparkchanger**

2 Pallets - 30" x 18" x 18.1" Work Area - 15,000 RPM (2006-2007)

**(2) 2Xi Sparkchanger**

2 Pallets - 20" x 14" x 18.1" Work Area - 15,000 RPM (2005-2006)

**(2) Micro Dynamics - MEGA 40V (June 2021)**

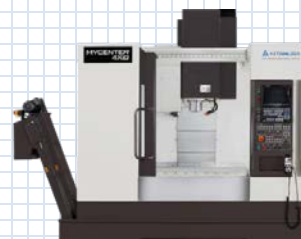
Vertical Machining Center 40 Tools. 40" x 20" x 20" Work Area (2021) - 15,000 RPM - **(NEW June 2021)**

**MyCenter 4**

Center with 4th axis interface 44"x 22"x 22.5" Work Area (1996 - 2001) - 10,000 RPM



**NEW**



**NEW**



## CNC MILLING CENTERS – CONTINUED...

### HAAS - Super Mini Mill

16" x 12" x 10" Work Area (2007)

### HAAS - VF-4 Mill

50" x 20" x 25" Work Area (2008)

## CNC TURNING CENTERS

### (2) Hardinge - Quest GT27SP "Gangster"

Work holding capacity 4" diameter - 11" Long (2007-2009) - 8,000 RPM

### (3) Hardinge Conquest T42, CNC Lathe

Work holding capability up to 16" diameter - 20" Long - 1 5/8" diameter thru - 6,000 RPM

### Collet Ready Spindle - GS42

Work holding 1.65" - 6,000 RPM (2010)

### Hardinge - Superslant (4 Axis)

Work holding capacity to 8" - 1 5/8" thru (1994)

### Nakamura-Tome WT-250II

Multi Axis - Live Tooling 8 Axis - Max 250mm x 885mm w/ bar feed - 6,000 RPM (2014)

### Cincom A32 CNC automatic lathe

8 axis Swiss CNC turning center, 32MM Capacity Equipped with live tooling and back spindle with LNS bar feeder. (2014) - 6,000 RPM

### Cincom M20 CNC automatic lathe

8 axis Swiss CNC turning center, 20MM Capacity Equipped with live tooling and back spindle with LNS bar feeder. (1996) - 8,000 RPM

### (2) Okuma Model LT 15M - Twin spindle

6 axis - Live tooling - 10" inch diameter x 30" long capacity. (1999) - 6,000 RPM



## CNC TURNING CENTERS CONTINUED...

### (5) Haas Model SL-30 CNC Lathe

17" Diameter x 34" Length (2008) - 3,400 RPM

### (5) Haas Model SL-20 CNC Lathe

15" Diameter x 20.5" Length (2008) - 4,000 RPM

(2) NEW - July 2019

### TU30 Universal CNC Lathe

Work holding capacity up to 25" diameter, turning length 60" - 4 1/16" diameter thru spindle (1996) - 2,500 RPM

### TU26 Universal CNC Lathe

Work holding capacity up to 18" diameter, Turning length 27 3.0 diameter thru spindle (1998) - 2,500 RPM

## PROTOTYPE EQUIPMENT

### HAAS - TM-2 Intuitive Mill (2009)

### HAAS - TL-2 Intuitive Lathe (2009)

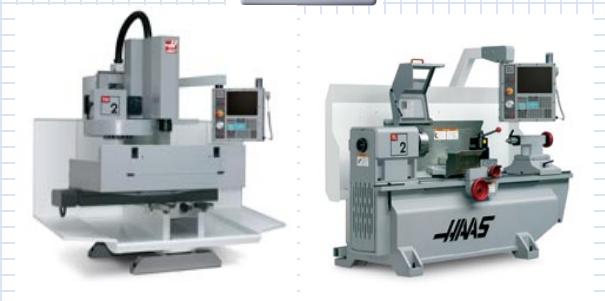
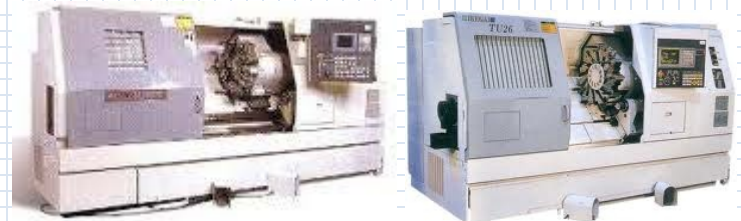
The Haas Toolroom Machines combine the functionality and simplicity of a manual lathe with the power and flexibility of the easy-to-use Haas CNC system. With standard handwheels and high-accuracy DRO, manual machinists will be cutting parts in minutes. And with the Haas Intuitive programming System, they'll transition quickly and easily into automatic modes and full CNC. (2009)

### VICTOR - Manual

Model 1840 High Precision Engine Lathe

### (4) BRIDGEPORTS

Bridgeport Milling Machine





## QUALITY ASSURANCE

### (2) Zeiss Contura 7106 (2004/2009)

28" x 40" x 24" – Work Area

CONTURA G2 offers a very robust machine design. Ceramic guideways in X and Z provide rigidity and protection against production-related environmental influences. Air bearings on all axes for high stability at high travel speeds.

### Zeiss PRISMO Navigator (2015)

35" x 47" x 27" – Work Area - (NEW 2018) Used

PRISMO from ZEISS is synonymous around the world for high-speed scanning and maximum accuracy near production. With length measurement error of just  $0.5+L/500$  millimeters, ZEISS PRISMO ultra is ideal when maximum demands on precision have to be met.

### OGP Smartscope (2008)

Flash 200

8" x 8" x 6" – Work Area

### (2) TYKMA Laser Marking System 2013 and 2017

A large work envelope provides capability for marking a wide array of parts, large or small, light or heavy. Other features include a built-in touch screen monitor, power focal height, a built-in focus finder system and a 180-degree access door.

Laser Type	Ytterbium Fiber Laser
Power Output	10 / 20 Watts

Input Voltage

Power Sensing 115-220 VAC 50/60hz

System Dimensions

40"W x 26"L x 35"H

System Weight

306 lbs

Max Part Size

24"W x 18"L x 9.5"H

Marking Window

100mm x 100mm



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