

**PRECISION CNC MACHINING

Facilities List**

**COMMERCIAL
MACHINE, INC.**

Commercial Machine, Inc. 2024

## CNC MILLING

##

## https://encrypted-tbn2.gstatic.com/images?q=tbn:ANd9GcS9ukC_Lg-iNkKwjMj3h1bvNqeKfuN_KDsFT8SpV8IMMyyS93jK2009 Mori Seiki Dura Vertical 5100, Fanuc 0i Control, Travel; X Axis 40”, Y Axis 20”, Z Axis 24”, 30 Tool ATC, 1,000 PSI Chip Blaster Thru Spindle Coolant.

## 2008 Mori Seiki Dura Vertical 5100, Fanuc 0i Control, Travel; X Axis 40”, Y Axis 20”, Z Axis 24”, 30 Tool ATC, 1,000 PSI Chip Blaster Thru Spindle Coolant, Full 4th axis.

 **2015 Mori Seiki Dura Vertical 5100,** Fanuc 0iMD Control, Travel; X Axis 40”,

Y Axis 20”, Z Axis 24”, 30 tool ATC, 1,000 PSI Chip Blaster Thru Spindle Coolant, 12,000 RPM.

**2007 Mori Seiki Dura Vertical 5060,** Fanuc 0i Control, Travel; X axis 23.6, Y axis 21”, Z axis 20”, 30 tools, 10,000 RPM, 1,000 PSI Chip Blaster.

## 2022 Smart SV3, Fanuc 0i MF Plus Control, 30 Tool ATC, Travel; X Axis 43”, Y Axis 23”, Z Axis 23”, 12,000 RPM, HPC.

## 2020 Makino a51nx HMC, Professional 6 Control, 60 Tools, Full 4th Axis, High Pressure Coolant Thru Spindle, 50 HP, 14,00 RPM.

**2000 Mori-Seki MV40-E VMC,** Fanuc 21m Control, 20 Tool ATC, Travel; X axis 22”, Y Axis 16” Z Axis 20”.

**1998 Excel VMC,** Fanuc 21M Control, 18 Tool ATC**,** Travel; X Axis 20”, Y Axis 16”, Z Axis 18” and 8” Tsudakoma Indexer.



***CNC TURNING***

**2022 Mori Seiki NL-2000SY/500 CNC Lathe,**

Celos control, Live Tooling, Sub Spindle, Y axis, Parts Catcher, 2.5 bar capacity.

**2006 Mori Seiki NL-2000SY/500 CNC Lathe,**

MSX-850BM Control, Live Tooling, Sub Spindle, Y axis, Parts Catcher & Conveyor, LNS III Servo Bar feed, 2.5 bar capacity.

**2014 Mori Seiki NLX-2500SY/700 CNC Lathe,**

M730BM Control, Live Tooling, Sub Spindle, Y axis, Parts Catcher, 3.15 bar capacity.

**2017 Mori Seiki NLX-2500SY/700 CNC Lathe**

Celos Control, Live Tooling, Sub Spindle, Y axis,

 Parts Catcher, 3.15 bar capacity.

**Mazak Quick Turn 6G,** Mazatrol EIA Control, 1.25 bar capacity.



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**Swistek AB42**

###### Key Features

42mm bar capacity w/o Guide Bush 38mm w/Guide Bushing Housing

7 Controllable Axis Independent Sub-spindle

FANUC 32i-A Control HYBRID Removable Guide Bushing

Rapid Traverse Rate 1,260ipm Rotary Guide Bushing

Simultaneous 7-Axis Up to 14 Live Tools

Up to 30 Tools Total C-Axis Main and Sub-spindle

10HP Integrated Main/Sub Spindle Rotating Part Conveyor

Chip Conveyor with Cart Temperature Controlled Spindle and coolant

2,000 PSI Thru-Tool Coolant

## MANUAL MILLING / TURNING



 **Bridgeport Series 1**, 2 HP Variable Speed Vertical

 Milling Machine, 9” x 42” Table, with a Prototrak MX2

 Control.

 **Bridgeport Series 1**, 2 HP Variable Speed Vertical

 Milling Machine, 9 x 42” Table, Mitutoyo 2 Axis DRO,

 Servo 140 Power Feed.

 **Bridgeport Series 1**, 2 HP Variable Speed Vertical

 Milling Machine, 9” x 42” Table, with a Prototrak MX2

 Control.

 **Kerry 16” x 40” Gap Bed Engine Lathe**, 5HP,

 Equipped with a Travel-Dial.

## GRINDING

##  Acer AGS1224AHD Hydraulic Surface Grinder,

 2 Axis Power Feed, 12” x 24” Magnetic Chuck.

 **DoAll MD 6 Surface Grinder,** Magnetic Chuck.

## SAWING

## https://encrypted-tbn3.gstatic.com/images?q=tbn:ANd9GcR0bV_0SRemPToEEjTTJj0sWXKr-KCKSowgvL5slnodK3LDD0DsEA

##  2005 Cosen Automatic N-250NC Cut-Off Saw,

 10”x 12” Cut-Off Capability.

## https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcQ5o1f-5P4UmAlKyQgfREgCAwAzEAliv7tCDDwKxyN4f2fVEAM6

## QUALITY CONTROL

## A close up of a device  Description automatically generated2008 Tesa Micro-Hite 3D CMM, Nikon CMM Manager

##  2018 Mitutoyo Crysta-Apex S 574

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## TESA MICRO-HITE +M 600 Motorized Height Gage - 00730080Fowler-Sylvac Z-Cal 300’S & Tesa Micro Hites

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## A close-up of a machine  Description automatically generatedStarrett HDV300

## https://d2pbmlo3fglvvr.cloudfront.net/product/large/Z0tJBtmcpEx_.JPG Mitutoyo PH-A14 Optical Comparator

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## Mitutoyo Surftest SJ-201 and various handheld gages.

**ENGINEERING / SOFTWARE**



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### ESTABLISHED 1990

Commercial Machine, Inc. 2024