

SteakFest 2024 Open House

May 14-15 in Delafield, WI

Machine tool and metrology technology, over 40 machines with demos, automation, tooling partners, and inspection services. 10:00am - 7:00pm each day!



In conjunction with the open house, Concept is offering the following educational seminars:

Tuesday, May 14, 2024

11:00AM - 12:00PM

How OEMs and job shops benefit from the reshoring trend - by Harry C. Moser, President, Reshoring Initiative

1:00PM - 2:00PM

Automation - What are my options?

3:00PM - 4:00PM

Introduction to Swiss-style machining

Wednesday, May 15, 2024

10:00AM - 11:15AM

Introduction to Swiss-style machining

1:00PM - 2:00PM

When should I consider a Horizontal Machining Center? HMC vs VMC.

Register at conceptmachine.com/events/ or scan the code:



Production CNC



Kitamura 2XV Sparkchanger w/automation

- Vertical machining center
- Travels: X 23.6", Y 20.1", Z 20.1"
- Spindle: 15,000 RPM, 41 HP, #40
- ATC: 40 tool standard

Also displaying: Kitamura Mycenter-4XV and Kitamura HX250iG HMC.



C22U - 5-Axis

- Mineral base casting
- 18,000/24,000 RPM spindle
- HSK40 or HSK63 spindle
- Drop trunnion tables near perfect ergonomics
- 31.5" x 25" rotary table
- Flex pallet system for robotic automation



Takamaz XY-120 Plus

- Spindle speed 4,000 RPM
- A2-6 main spindle with 2" bar capacity, A2-5 sub-spindle
- 12-station upper turret with Y-axis
- 12-station static lower turret

Also displaying: Takamaz XT-6



Kira PCV-30

- Vertical production center
- XYZ travels: 19.7" x 11.8" x 11.8"
- 10,000 RPM, BTD 30 spindle
- Rigid tapping, 4,000 RPM
- FANUC control



Star SX-38 type B

- Swiss-type lathe w/38mm capacity
- 10 station turret
- 7,000 RPM main and sub-spindle
- 8-spindle back-working unit



SMEC SL2500BSY w/Halter

- 10" chuck lathe (3" bar capacity)
- Heavy duty box way construction
- 12 station BMT turret (24 position)
- Displayed with Halter Universal robot loader



SMEC MCV-6700L

- Vertical machining center with X 82.7", Y 26.4", Z 20.5" travels
- Spindle: 12,000 RPM direct drive
- CAT40 (Big Plus)
- 30 tool ATC
- FANUC control



Fuji CSD-300II

- Twin spindle, twin turret lathe
- Spindle speed 4,000 RPM
- 8" - 10" workholding
- FANUC control
- 10 station per turret (x2)

Tool Room & EDM



Milltronics VM4020

- Vertical machining center with X 40", Y 20", Z 20" travels
- Highly-intuitive Conversational Control

Also displaying:
Milltronics VM3020IL



Milltronics ML18/60

Combination lathe with 19" swing



Supertec G25P-50CNC

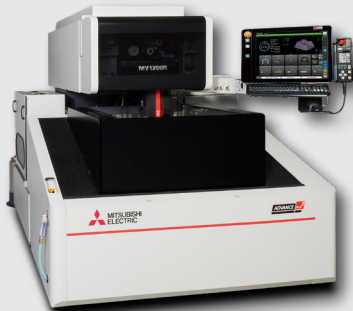
Plunge type cylindrical grinder



Chevalier FSG1224 ADIV Surface Grinder

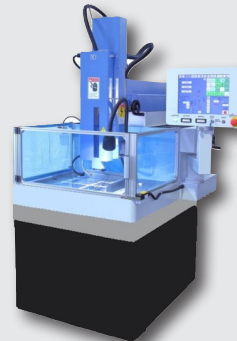
CHEVALIER

Chevalier FRG-600S Rotary Grinder



Mitsubishi MV1200S Wire EDM

- 10-year positioning accuracy guarantee
- Automatic Wire Threading (AT)
- Linear Scales X, Y, U, V axis
- Wire savings of 40% with the V350 power supply
- Remote 360 monitoring
- Three sizes of machine models



EDM Drillmate DMC4030

- Travels 15.7" X, 11.8" Y, 14" Z
- Granite table 17.7" x 15.3"
- Programmable W-axis option
- Standard touch screen
- Tapping option

Automation Solutions

HALTER FANUC Robot



- Halter Load Assistant
- Turning or Milling retrofit
- Mobile package
- Touch Screen Smart easy programming
- Easy quick change gripper system (Opt10/20)

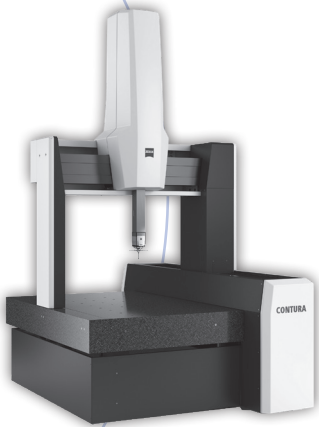
FANUC CRX 10iA



Applications

- Load/Unload
- Machine Tending
- Part Inspection
- Pick and Place
- Packing
- Palletizing
- And more!

Metrology & Precision Inspection



ZEISS Contura
CMM for measuring complex features and parts.



ZEISS O-inspect 543
Premium sensors for leading edge optical and contact performance.



ZEISS Surfcom NEX
Hybrid CNC Profilometer.



ZEISS Rondcom NEX
Form measurement system.



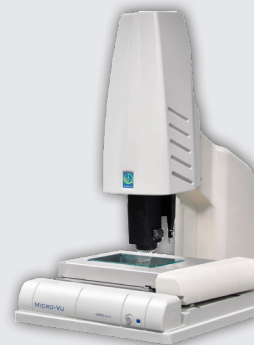
ZEISS Metrotom
Large format CT.



ZEISS Atos Q
Industrial 3D scanner.



ZEISS T-Scan Hawk 2
3D laser scanner.



MICRO-VU Vertex
CNC vision measurement system.



Starrett HDV400
Horizontal digital video comparator.



VICIVISION M306
Shaft measurement system.



metriOS HD Cross
Optical measuring for micro-components.



FANUC Robotics CRX-10iA
Collaborative robot for automated tending of metrology equipment.



Six Sigma Concepts Orion 194
High speed dual camera measurement & sorting system.

Many more machines will be on display!

conceptmachine.com