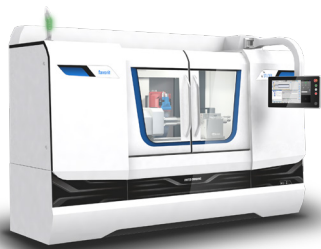


Grinding & EDM Solutions

UNITED GRINDING North America

High-Precision Grinding

- Cylindrical Grinding
- Tool Grinding & Measuring
- Surface & Profile Grinding



STUDER



WALTER



BLOHM

UNITED MACHINING

- Wire EDM
- Die Sinking EDM
- Dynamic 5-Axis Milling



AGIE CHARMILLES

MIKRON MILL

Chevalier

Manual, Semi-Automatic and Automatic Surface Grinders



CHEVALIER

Mitsui High-tec Inc.

- Manual Surface Grinders up to 16x32" with Japanese Quality & Precision



MHT Mitsui High-tec Inc.

Service: The most important concept of all.

We're committed to supporting you with the service you expect — so you can minimize downtime and maximize productivity on your machine tools and metrology equipment.

- High-priority responsiveness to unplanned repairs
- Preventive maintenance programs
- Calibration, including laser and ballbar
- Applications support and training, pre- and post-sale
- Measurement and turnkey programming services



Proud to serve the upper Midwest

Concept Minnesota: 15625 Medina Rd, Minneapolis, MN 55447

Scan to learn more
or visit conceptmachine.com



Leading metal cutting solutions, specific to your needs.



We're here to help you take manufacturing to the next level.

Whether you need a new piece of equipment, want to expand capacity, or solve staffing challenges, Concept has the answer.

With more than 50 years in business, we're the Midwest's leading source for advanced manufacturing solutions – leading the industry with our knowledge and comprehensive offerings toward a future that's increasingly automated.

Ready to take your operation to the next level?

Scan to learn more
or visit conceptmachine.com



Milling Solutions

High Precision Machine Tools

Kitamura HMC's

- 250mm - 1,250mm Pallet Size
- Linear & Box Ways - 2,362 IPM
- Full 4th Axis Rotary Table
- Expandable ATC & Pallet Pool Options



Kitamura VMC's

- 30" - 120" Travels
- Linear & Box Ways - High Speed Rapids
- Both C-Frame and Large Travel Bridge Style Options
- Available with Integrated Pallet Changer



Kitamura 5-Axis

- Ultra-High Precision Simultaneous 5-Axis Machining
- Pallet Loaded & Automated Machine Options
- Compact Designs



SMEC VMC'S

- Heavy-Duty Linear or Box Way Construction
- 40/50 Taper Spindles
- Direct Drive or Gear Head
- Fanuc Controls



Turning Solutions

High Precision Machine Tools

INDEX Production Turning

- High-Volume, High-Production Turning
- Turn-Mill Centers (B-axis)
- Turn-Grind Centers
- Multi-Turret Lathes
- Multi-Spindle Solutions (6 or 8)



Star CNC Swiss Type Lathes

- 2 & 3 Path Control Models
- Gang Tool, Split Slide, B-Axis, Turret, & Multi Turret Models
- Up to 42mm with Sliding Headstock
- 51mm Fixed Headstock Option (Twin Turret)
- Japanese Precision



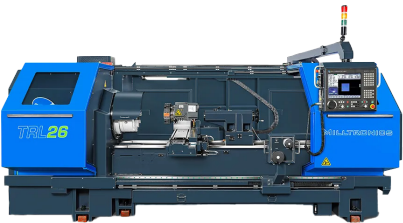
SMEC Horizontal & Vertical Lathes

- High Accuracy, High Rigidity
- Box way & Linear Guide Options
- Optional Y-Axis & Sub-Spindle Models



Milltronics Toolroom Turning

- Conversational Control
- CNC or Manual Operation
- Live Tooling Option
- Flat & Open Style Frame or Slant Bed Options



Milltronics Milling

- Conversational Control
- 40 & 50 Taper VMC
- Open Bed, Fully Enclosed, or Bridge Style Machines



MECTRON VMC's

- 10,000 or 12,000 RPM Spindles
- 30 & 40 Taper High-Speed Milling
- Pallet Changer and Gantry Loading VMC's
- 3" Bar Horizontal Six-Sided Machining with 3K Turning



Muratec CNC Lathes

- Single-Spindle, Twin-Spindle, & Multitasking Turning Centers
- The Largest Producer of Integrated Gantry Automated Lathes
- Several Bar-Fed, Twin Turret, & Triple Turret Configurations



TAKAMAZ Lathes

- Auto Loading, Box Way, Precision CNC Lathes
- Shaft Loading, Twin Spindle, CNC Lathes up to 27" Length Capacity
- Twin Turret, Twin Spindle, Barfed CNC Lathes



Full turn-key automated solutions

FANUC

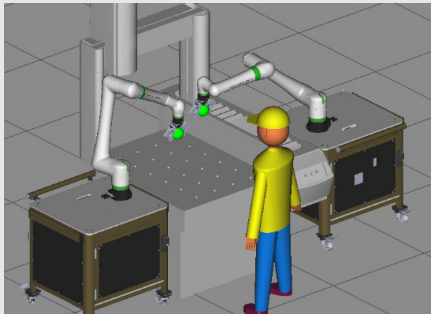
Concept is a FANUC Authorized System Integrator (ASI)

- Part and material handling including machine tending, bar feeders, finished part management
- Integrated automation
- Complete automation solutions including cell management

- Turn-key solutions including equipment selection, programming, tooling, work holding, run-off, validation, quality and inspection, etc.



Quick Cart FANUC Cobot Automation



- 20 KG payload FANUC CRX-20iA/L
- Mobile Platform for easy transport
- Ethernet IP air valve bank - includes two valves
- Includes discrete I/O
- Electrical cabinet with knockouts and extra power
- Programming and operator training included
- Many options available, including custom configurations

