

Leading metal cutting solutions, specific to your needs.



CONCEPT™
Advanced Manufacturing Solutions

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?

Make. Measure. Automate.

conceptmachine.com | 262.646.4488

Scan to learn more
or visit conceptmachine.com



Milling Solutions

High Precision Machine Tools

Kitamura Machining Centers

- 250mm - 1,000mm Pallet Sizes
- Boxways - 2,362 IPM
- 5-Axis Machining



HMC's, VMC's & 5-Axis

- 5-Axis CNC Machines
- 40/50 Taper with Geared Head Option
- Bridge Type Designs
- Travels 43"x 60", 43"x 80", 100" x 63.6", up to 120" x 63"



Milltronics Machining Centers

- Conversational CNC Controls
- 40 & 50 Taper VMCs
- Open Bed & Boxway Configurations
- High-Mix / Low-Volume Production



Toolroom Mills & Knee Mills

- Conversational CNC Controls
- Toolroom & Knee Mill Platforms
- Open Bed CNC Milling
- Prototype & Repair Applications



SMEC VMC'S

- Heavy-Duty Linear or Box Way Construction
- 40/50 Taper Spindles
- Direct Drive or Geared Head
- 24 & 30 Tool Magazine Capacity
- Fanuc Controls



Yama-Seiki Bridge Mills

- Double Column VMC's 40/50 Taper
- Production Bridge Mills
- 5-Axis Bridge Mills



HERMLE 5-Axis Machining

- High-Speed 5-Axis Patented Design
- Heidenhain & Siemens Controls
- Die/Mold, Aerospace/Mill/Turn
- US Headquarters - Franklin, WI



MECTRON VMC & Six-Sided Machining

- 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



OPS INGERSOLL 5-Axis Hard Milling

- 5-Axis High-Speed Graphite Milling
- Heidenhain CNC Controls



ROKU-ROKU Graphite and Hard Milling

- Graphite Machining
- High-Speed Hard Milling & Micro Machining



Turning Solutions

High Precision Machine Tools

Milltronics CNC Lathes

- Conversational CNC Controls
- Easy-to-learn Programming
- Flat Bed CNC Lathes up to 50" Swing
- Ideal for Prototype & Job Shop Work



SMEC CNC Turning Centers

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



STAR CNC Swiss-Type Lathes

- 7mm - 51mm
- Sub-Spindle with Fixed/Live Tools
- Full B-Axis Models
- Slide and Turret Configurations
- Japanese Precision



SMEC CNC VTL's

- 12", 15", 18", 24", 32" Chuck
- 12 Station Turret with 1" Turn Tools
- Box Way Construction
- Fanuc Oi-MF Control



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 CNC Lathes

- Auto Loading Box Way Precision CNC Lathes
- Shaft Loading Twin Spindle CNC Lathes Up to 27" Length Capacity
- Twin Turret, Twin Spindle Bar Fed CNC Lathes



Horizontal Boring and Milling

- Table Types (50 Taper)
- Floor Types 5" & 6"
- Facing Centers



Robotics Automation

- FANUC Robotics & Cobots
- Portable Automation Solutions
- High Changeover Flexibility
- Turnkey Robotic Cells
- Workholding & Load Assist
- Custom Automation Integration



Grinding, EDM & Tool Room Solutions

Mitsui Grinders

- Manual Surface Grinders
- Surface Grinders Up to 16x32"
- PC Based CNC Form Grinders



Chevalier Grinders

- Manual Surface, Cylindrical
- CNC Smart Series Surface/Form
- Hydraulic 3-Axis Surface
- Cylindrical, CNC ID/OD

CHEVALIER



Mitsubishi Wire & Sinker EDMs

- CNC Wire & Sinker EDM
- Cylindrical Drive Technology
- Ingersoll Large Tank CNC Sinks



Supertec Grinders

- Surface, Cylindrical & Centerless Grinders
- CNC & Manual Grinding Solutions
- Precision Grinding Applications
- Toolroom & Production Grinding



Tool Room & Saws



W.F. WELLS



Metrology



MICRO-VU



Starrett

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 Wisconsin: 407 Austin Circle, Delafield, WI 53018

Scan to learn more
or visit conceptmachine.com

