



DELIVERING MACHINE UPTIME

Industrial Automation Specialists

THE TIE DIFFERENCE



1-Year In-Service Warranty on all Parts, Service, Repairs and Robots



Free Technical Support



Decades of experience in CNC, General Automation & Robotics



275+ Major Brands Supported



Array of Offerings to Meet Your Needs



Award Winning Customer Support Team



Rapid Response

PART SALES

- Fast Response, Expedited Shipping Available
- More than 100,000 parts available to ship today
- Servo Motors and Drives
- Spindle Motors and Drives
- Controls - Monitors, Power Supplies, PCB's, I/O, Accessories
- Robot Parts

PART REPAIR

- Repair solutions for hundreds of OEM brands
- Rush repair options available
- Flat-rate repairs for many parts
- CNC Controls:
 - Servo and Spindle Drives
 - Power Modules
 - CPU's
 - Servo and Spindle Motors
 - HMI, Monitors and Operator Interfaces
 - Control Boards

- Robot Controls:
 - Servo Drives
 - Power Supplies
 - Teach Pendants
 - CPU's
 - Servo Motors
 - Control Boards
 - Rectifiers

- General Automation:
 - Drives
 - Welders
 - Motors
 - PLC's
 - Displays/HMIs
 - Terminals
 - Control Boards
 - Power Supplies



Corporate Headquarters
1216 Heil Quaker Blvd.
LaVergne, TN 37086
www.fanucworld.com



44810 Vic Wertz Dr.
Clinton Township, MI 48036
www.tierepair.com



7300 Danielle Dr.
Almont, MI 48003
www.masterrobotics.com



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ROBOT SALES

We sell new FANUC robots and completely refurbished robots from FANUC, ABB, Motoman and more. We are ready to provide you with a robotics solution that will improve quality, throughput and productivity - at a price that works within your budget.

ROBOT REFURBISHMENT

Mitigate risk to your production. Our multi-step process ensures your old robot looks great and performs to all original OEM specifications. We will:

- Perform comprehensive evaluation and repeatability testing
- Replace/rebuild components as necessary
- Repaint the mechanical unit and/or controlled to OEM color scheme (custom paint available)

PREVENTATIVE/PREDICTIVE ROBOT MAINTENANCE

Lack of proper maintenance and lubrication, as well as regular inspections, can lead to unexpected failures that can jeopardize uptime. We will inspect your robots, replace common failure items and provide you with a thorough report of all suggested repairs.

Our Multi-Point Service includes:

- Axis Joint Lubrication - with check for metallic content
- Replacement of all Backup Batteries
- Replacement of Controller Fan Filters (when applicable)
- Exterior Damage Inspection
- Operator Panel Inspection
- Teach Pendant Inspection
- Inspection of Visible Cables
- Visual Check of EOAT
- Physical Axis Check for Grease Leaks & Backlash
- Zerk Fitting Lubrication and Cap Replacement



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