

" We Keep Your Machines Alive "



- ✦ **REDTRONIX AUTOMATION INDUSTRIAL SERVICE**
- ✦ **REPAIR, SPARE & SERVICE**



Industrial Automation Repair Spare & Service

WORLD WIDE SHIPPING — ON SITE SERVICES — BRAND OF YOUR CHOICE

ABOUT US

CUSTOMIZED MACHINES INDUSTRIAL EQUIPMENTS
INDUSTRIAL AUTOMATION OIL FIELD EQUIPMENTS/SAFETY
AND ALL KINDS OF SPARE PARTS & REPAIR SERVICES

We are well known for our user-friendly customized

machines and quality repair services since 1992. Easy operation and maintenance are what make Redtronix Automation unique from others. We use high-quality materials and components tested in various working conditions to ensure the durability and stability of the machines. Each machine is thoroughly checked at every stage of manufacturing to promise the quality. We are also the suppliers of all kinds of industrial equipment and spare parts and also provide all kinds of industrial repair services with a warranty. The brand and made in-country of the spare parts can be chosen by the

Our Mission

To provide high quality innovative machinery & repair services in response to our customers needs. As well to continuously improve in order to meet the ever-changing needs of our customers.

Our Vision

To be the world leader in machinery products & quality spare parts and become a creative solution provider that will allow our clients to prosper while contributing to the local economy and environment.





Food & Beverage



Textile



Pharma



Facility Management



Marine Automation



Paper & Pulp



Dredging



Packaging



Metals



Wastewater Management



Theme Park



Plastics



Utilities



Tunneling



Printing



Construction



Quarry



Glass



Port & Harbour



Airport



CNC Machine



Cement



Cable Industry



Automobile



Cranes



INDUSTRIAL AUTOMATION TRADING DIVISION



Drives and Power Quality

- ❖ Inverters - AC Motor
- ❖ Drives High Power Motor
- ❖ Drives Power Quality

Motion

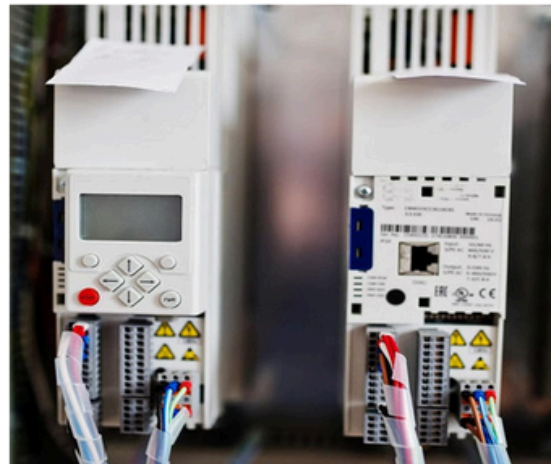
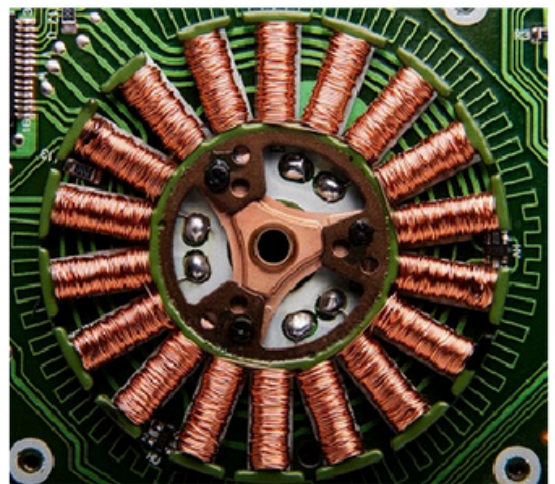
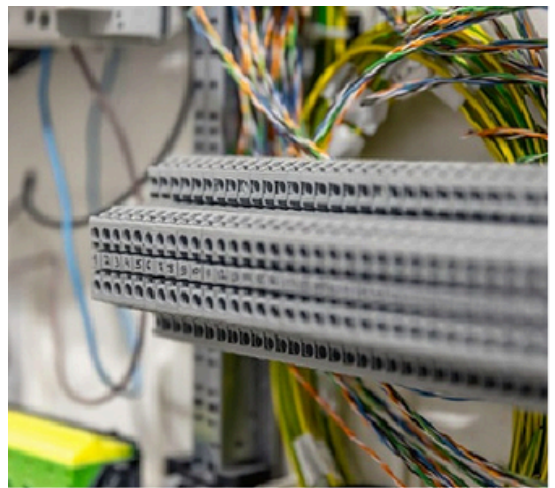
- ❖ Servo System - AC Servo Motor and
- ❖ Derives CNC Solutions PC - Based Motion
- ❖ Controllers PLC - Based Motion
- ❖ Controllers Planetary Gear Box Codesys
- ❖ Motion Solutuion Embedded Motion
- ❖ Controller
- ❖

Control

- ❖ PLC - Programmable logic Controllers Touch
- ❖ Panel HMI - Humman Machine Interfaces Text
- ❖ Panel HMI - Human Mchine Interfaces
- ❖ Industrial ethernet Solution

Field Device

- ❖ Temperature controller Machine
- ❖ vision system Barcode scanner
- ❖ Vision sensor Industrial power
- ❖ supples power moter Smart
- ❖ Sensor Proessure Sensor Timers
- ❖ / Coounters / Cechomoters Gas
- ❖ Flow Moter
- ❖
- ❖
- ❖



INDUSTRIAL AUTOMATION REPAIRING SERVICES

PLC (Programmable Logic Controller) Repair

- ✓ Diagnosis of faulty input/output modules
- ✓ Troubleshooting communication issues
- ✓ Firmware updates and reprogramming
- ✓ Replacement of damaged relays and capacitors

VFD (Variable Frequency Drive) Repair

- Identification and repair of overheating issues
- ✓ Troubleshooting power fluctuations and motor failures
- ✓ Replacement of damaged IGBTs, capacitors, and rectifiers
- ✓ Software updates and reprogramming for efficiency



PCB (Printed Circuit Board) Repair

- ✓ Faulty component identification and replacement
- ✓ Repair of broken traces and soldering issues
- ✓ Testing and calibration for optimal performance
- ✓ Reverse engineering for obsolete PCBs

CNC Machine Repair

- ✓ Servicing of spindle motors and drive systems
- ✓ Troubleshooting control panel and software issues
- ✓ Repair and alignment of linear motion systems
- ✓ Backup and reinstallation of CNC programs

Servo Motor Repair

- ✓ Diagnosis and replacement of faulty encoders and bearings
- ✓ Rewinding of stator and rotor for efficiency
- ✓ Checking and repairing power supply and feedback systems
- ✓ Load testing for optimal performance



Retrofitting Legacy Machines

Upgrading outdated equipment with new automation technology.

PLC & Control System Integration

Implementing advanced control systems for better process efficiency.

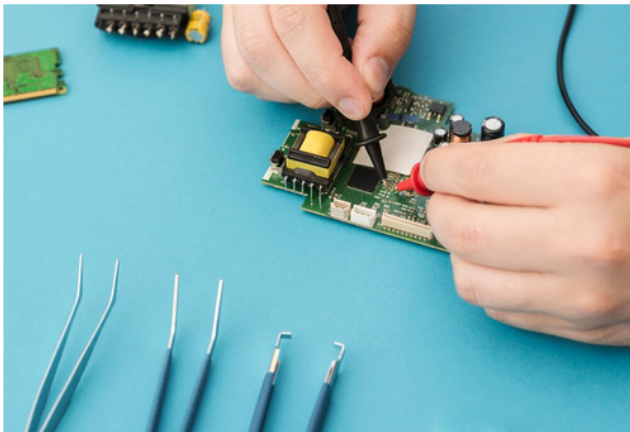


Robot & Conveyor System Modifications

Improving material handling and automation workflow.

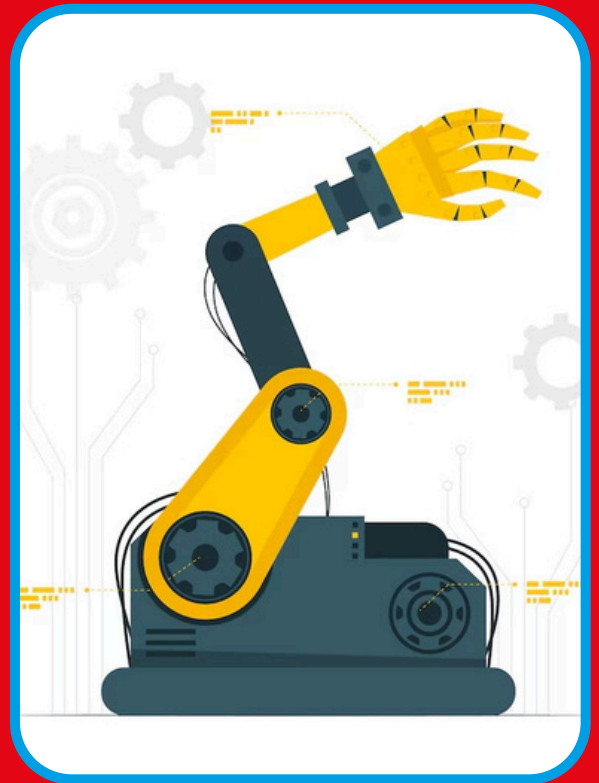
Customized Automation Solutions

Tailor-made modifications to meet your industry's specific needs.



INDUSTRIAL AUTOMATION MACHINERY MODIFICATION SERVICES

Industrial machines require continuous optimization and modification to keep up with new technologies and production demands. We specialize in enhancing existing machinery by integrating modern automation solutions.



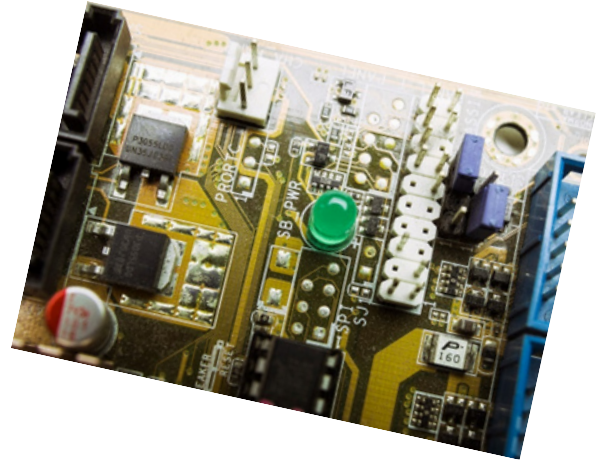
ALL TYPE OF MACHINES PROGRAMMING & SOFTWARE SERVICES

Intelligent Programming for Smart Manufacturing

We provide expert machine programming and software services for industrial automation systems, ensuring seamless operations and high precision control.

PLC Programming & Configuration

Custom programming for Siemens, Allen-Bradley, Mitsubishi, Omron, Delta, and more.



SCADA System Development

Designing and implementing real-time monitoring and data acquisition solutions.



HMI/Touchscreen Interface Development

User-friendly graphical interfaces for machine operators.

Industrial Network & IoT Solutions

Implementing smart automation systems for remote monitoring & control.

Motion Control & Servo Programming

Fine-tuning precision machinery and robotic automation.



AUTOMATION BRANDS DETAIL

WE WORK WITH THE BEST AUTOMATION BRANDS

At Redtronix Automation, we specialize in servicing and integrating solutions from top global automation brands to ensure superior performance and reliability.

✓ PLC & Industrial Controllers

- Siemens (S7-200, S7-300, S7-400, S7-1200, S7-1500)
- Allen-Bradley (Rockwell Automation) (MicroLogix, CompactLogix, ControlLogix)
- Mitsubishi (FX, Q-Series)
- Omron, Schneider Electric, Delta, ABB, Fatek

✓ Sensors & Field Devices

- IFM, Sick, Balluff, Omron, Pepperl+Fuchs, Keyence

✓ HMI & SCADA Solutions

- Wonderware, WinCC, iFix, Citect, FactoryTalk View

✓ Servo Motors & Drives

- Siemens, Allen-Bradley, Yaskawa, Mitsubishi, Schneider Electric



Industrial MACHINE & Equipment SUPPLY



High-Quality Industrial Equipment & Spare Parts

Our Product Categories:

- ◆ Programmable Logic Controllers (PLCs) – Latest models from Siemens, Allen-Bradley, Mitsubishi, Delta, Omron.
- ◆ Human-Machine Interfaces (HMI) & SCADA Systems – Touch panels and SCADA solutions for process control.
 - ◆ Industrial Sensors & Actuators – High-quality proximity, pressure, temperature sensors, and actuators.
- ◆ Variable Frequency Drives (VFDs) & Servo Motors – Efficient power and motion control solutions.
- ◆ Industrial Control Panels & Electrical Components – MCC panels, motor starters, relays, and power supplies.
 - ◆ Custom Automation Solutions & System Integration – Tailored equipment supply for specialized needs.
 - ◆ One-Stop Solution for Industrial Equipment Supply!



**Mechanical | Electrical |
Pneumatics | Conveyor Belts |
Electronics | Controllers |
Hydraulics | Industrial
Automation | Oil Field
Equipments And Safety |
Cables | Networking |
Programming | All Kinds Of
Industrial Repair Services**

**Sales And Services Of
Customized Machines & All
Kinds Of Industrial
Equipments And Spare Parts**



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AL SEEB MUSCAT GOVERNORATE SULTANATE OF OMAN**



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