



# **RN AUTOMATION**

YOUR TRUSTWORTHY MACHINE REPAIRMAN

## COMPLETE INDUSTRIAL AUTOMATION AND MACHINE SOLUTIONS

RN Automation specializes in industrial automation, PLC control panels, robotics integration, machine retrofitting, and custom automation solutions for manufacturing industries. We also excel in **On-site assistance**.



### OUR CORE SERVICES



#### ON SITE SERVICE

Reliable support when you need it most.



#### CONTROL PANEL MANUFACTURING

Custom-built panels engineered for safety, efficiency and performance.



#### MACHINE RETROFITTING

Upgrade and enhance your machines for better productivity and longer life.



#### INDUSTRIAL AUTOMATION

End-to-end automation solutions to improve processes and maximize output.



#### SPM MANUFACTURING

Special Purpose Machines built to match your unique application requirements.



RELIABLE  
SOLUTIONS



QUALITY  
ASSURANCE



ON TIME  
DELIVERY



EXPERIENCED  
ENGINEERS



DEDICATED  
SUPPORT



CONTACT OUR  
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# PLC, CONTROL & DISTRIBUTION PANELS

Engineered for reliability, built for performance.

Our control panels are designed and manufactured using high-quality components and industry best practices to ensure safe, efficient, and uninterrupted operations in demanding industrial environments.



## PANEL HIGHLIGHTS

-  Custom design as per process requirement
-  High quality components & neat wiring
-  Safety interlocks and protections
-  Easy operation, maintenance & expansion
-  100% functional testing before dispatch
-  Compliance with industry standards

## INSIDE OUR PANELS



## OUR PANEL SOLUTIONS



### PLC PANELS

Advanced PLC panels engineered for precise control, process automation and seamless machine integration.



### DISTRIBUTION PANELS

Reliable power distribution panels designed for efficient and safe power management.

- PCC, MCC, APFC & DB
- Incoming & Outgoing Protection
- Load Management
- Compact & Robust Design



### CONTROL PANELS

Custom control panels built for smooth operation and process control in industrial applications.

- Motor Control Centers
- Process Control Panels
- Automation Control
- Operator Friendly Interface

## CAPABILITIES

-  Custom Design & Engineering
-  PLC & HMI Integration
-  VFD & Servo Integration
-  Short Circuit Protected
-  Industrial Grade Components
-  Fully Tested & Quality Assured

## OUR ENGINEERING PROCESS

-  Requirement Analysis
-  Design & Engineering
-  Assembly & Wiring
-  Testing & Quality Check
-  Safe Packing & Delivery

## BRANDS WE DEAL WITH

**IDEC**

**Honeywell**

**SIEMENS**

**Schneider Electric**

**DELTA**

**Panasonic**

**OMRON**

**ABB**

**Allen-Bradley**  
by ROCKWELL AUTOMATION

**MITSUBISHI ELECTRIC**

**PHILIPS**

# ROBOTICS. WIRE. CONNECT. AUTOMATE.

We integrate robotics with precision wiring and robust cable harness solutions to create automated systems that deliver accuracy, consistency and long-term value.



## ENGINEERED FOR PERFORMANCE

Solutions designed to meet exact specifications and real-world demands.



## RELIABLE BY DESIGN

Built with quality materials and industry proven practices.



## FOCUS ON PRECISION

Every connection, every movement, engineered to perform flawlessly.



### WIRING HARNESS



Professionally engineered wiring harness solutions for control panels, machines and automation systems.

- ✓ Neat & organized wiring
- ✓ High reliability & signal integrity
- ✓ Industrial-grade insulation
- ✓ Easy installation & maintenance
- ✓ Custom design to fit your application

### CABLE HARNESS



Durable cable harness assemblies built to withstand harsh industrial conditions and ensure consistent performance.

- ✓ Custom lengths & configurations
- ✓ Heavy-duty & flexible cables
- ✓ Secure connectors & terminals
- ✓ Abrasion, heat & vibration resistant
- ✓ 100% electrical continuity test

### ROBOTICS & AUTOMATION



Complete robotic automation solutions for material handling, assembly, welding, inspection and more.

- ✓ Robot selection & integration
- ✓ Pick & place & palletizing
- ✓ Welding & dispensing applications
- ✓ Vision & sensing integration
- ✓ Safety design & system programming

### APPLICATIONS



AUTOMOTIVE



ELECTRONICS



PACKAGING



FOOD &  
BEVERAGE



PHARMACEUTICAL



TEXTILE

### ENGINEERING & PRODUCTION PROCESS



**REQUIREMENTS**  
We analyze your needs and define the solution.



**DESIGN**  
Detailed engineering using advanced tools.



**ASSEMBLY**  
Precision assembly with skilled workmanship.



**TESTING**  
Rigorous testing at every stage of production.



**DELIVERY**  
On-time delivery ready for deployment.

### TESTING & RELIABILITY



Continuity Testing



Insulation Resistance Testing



Connector Retention Testing



Functional Testing



Visual Inspection



Label & Documentation Check

# LATHE & DRO WORKS

## PRECISION LATHE WORKS



We provide precision lathe machining for the repair, modification and manufacture of industrial machine components.



Shaft Turning



Bush & Sleeve Machining



Thread Cutting



Component Repair

## DIGITAL READOUT (DRO) SYSTEMS



We install and service Digital Readout (DRO) systems to improve machining accuracy and operator efficiency.



DRO Installation



Scale Alignment



Calibration



Troubleshooting

## SENSOR SOLUTIONS

We supply and integrate industrial sensors for reliable detection, positioning, counting, safety and process monitoring in automation systems.



Object Detection



Position Sensing

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Counting



Safety Interlocking



Motion Monitoring



Process Monitoring

## SENSOR BRANDS WE DEAL WITH



PEPPERL+FUCHS

SICK

Sensor Intelligence.

BANNER®

more sensors, more solutions

OMRON

PHILIPS

Honeywell