



PARAGON
TECHNOLOGIES
a SunSource Company

always working.



Electronics



Proportional



Robotic



Hydraulic



Mechanical



PARAGON
TECHNOLOGIES
a SunSource Company

www.paragontech.com

Need a repair fast?
Call 1-800-229-5350 day or night!

Why Choose Paragon?

Unmatched Capabilities



Paragon Technologies and SunSource joined forces in November 2013 to further improve our support and service to our customers. Your Paragon sales reps are committed to providing the products, services and support for a long and successful relationship.

Paragon supports and repairs electronic, servo and hydraulic automation controls throughout North America and Europe. Like Paragon, SunSource is positioned as an industry leader. As a distributor with over 70 locations representing over 300 world-class manufacturers, SunSource provides a single source for your fluid power, motion control, and fluid processing needs, as well engineered solutions.

Integrity and Quality

Working with Paragon on your repairable assets will feature:



Providing performance remanufacturing with our ISO certified process since 1988



Older series controls are supported with superior service



Consolidation of your repair vendor base due to our in-house capabilities



Standard turn-around time on core competencies in 7-10 business days



Paragon will pick up and/or pay for the incoming freight costs when available



24 hour service available in case of emergency



No Cost Evaluation



Standard 1 year in service/2 year shelf warranty on the entire unit



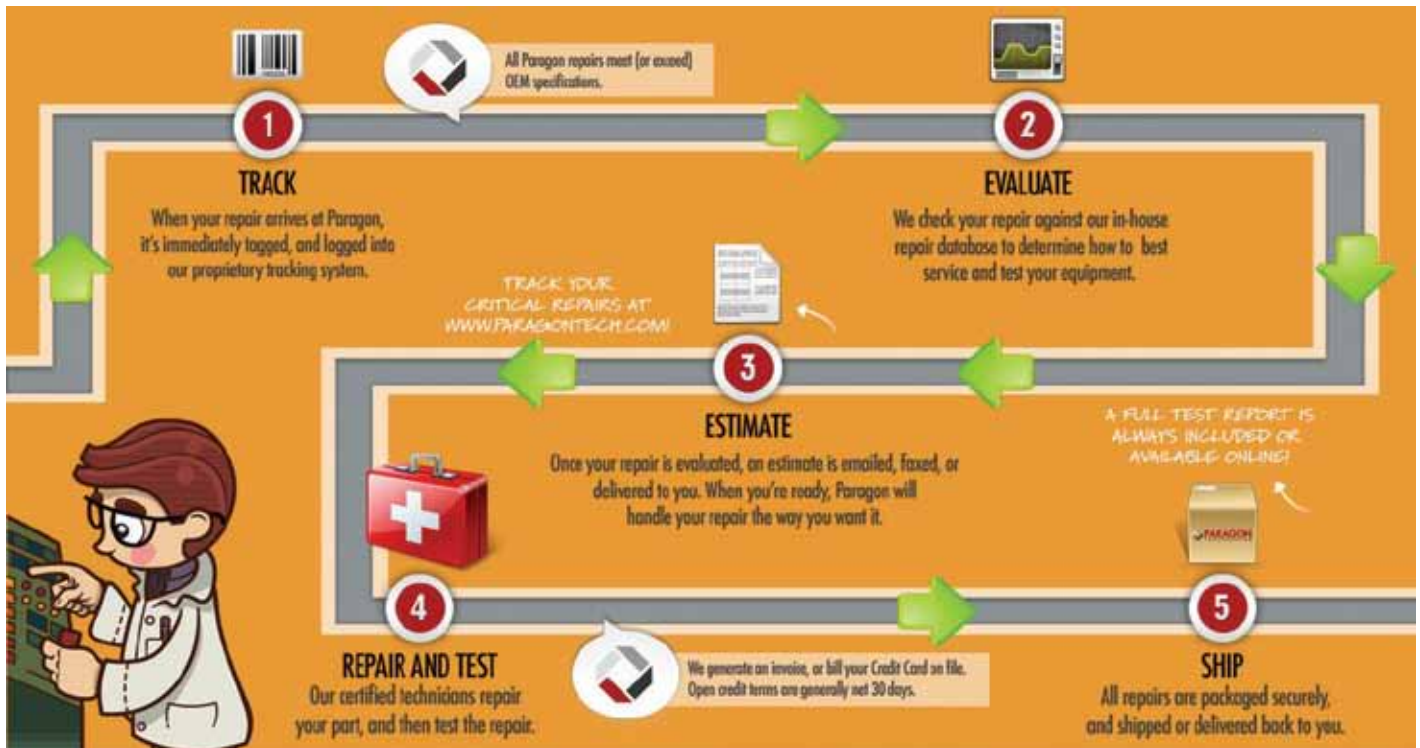
Substantial cost savings when compared to using OEM's



Full test report included with every repair Paragon performs

Industry Leading Service

Tried and Tested Process



PARAGON TECHNOLOGIES
5775 Ten Mile Road, Warren, MI 48091 | 1-800-229-5350
www.paragontechnologies.com

CUSTOMER INFORMATION
Your Company
Your Road
Your Address

JOB INFORMATION
SHIP VIA:
BRAND: SIEMENS
MODEL:
SERIAL#:

Defects Observed:
Intermittent Connection(s)
Defective Components
Cold solder joints

Parts Affected:
Capacitor(s)
Contactor / Relay
Solder joints

Parts Replaced:
(QUANTITY: 2)
(QUANTITY: 1)
(QUANTITY: 1)

TEST REPORT
Job#
CUSTOMER
Your Job #
Your Customer Code

DATE EVALUATED: 2013-11-06
TELEPHONE:
CONTACT:

PRODUCT TYPE: DRIVE CARD

PARAGON TECHNOLOGIES
800-229-5350
www.paragontechnologies.com

CUSTOMER INFORMATION & ITEM DESCRIPTION
Customer: [Name]
Brand: [Brand]
Model: [Model]
Serial: [Serial]

REPAIR IDENTIFICATION LABELS

Step by Step Tracking

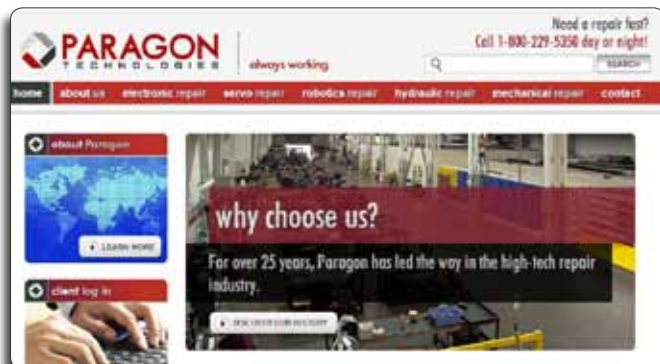
Our detailed tracking and reporting system keeps you alerted to your product's progress every step it takes in our facility.

Test Reporting

Our extensive array of custom-built test stations enables us to fully test your completed part. Each test performed is detailed in your test report, included with every repair Paragon performs.

Customer Specific Portal

As a Paragon customer, you will be assigned your own web page tied directly to our website. This service is available to all of our customers for no additional charge.



Need a repair fast? Call 1-800-229-5350 day or night!

Proportional and Servo Valve Repair

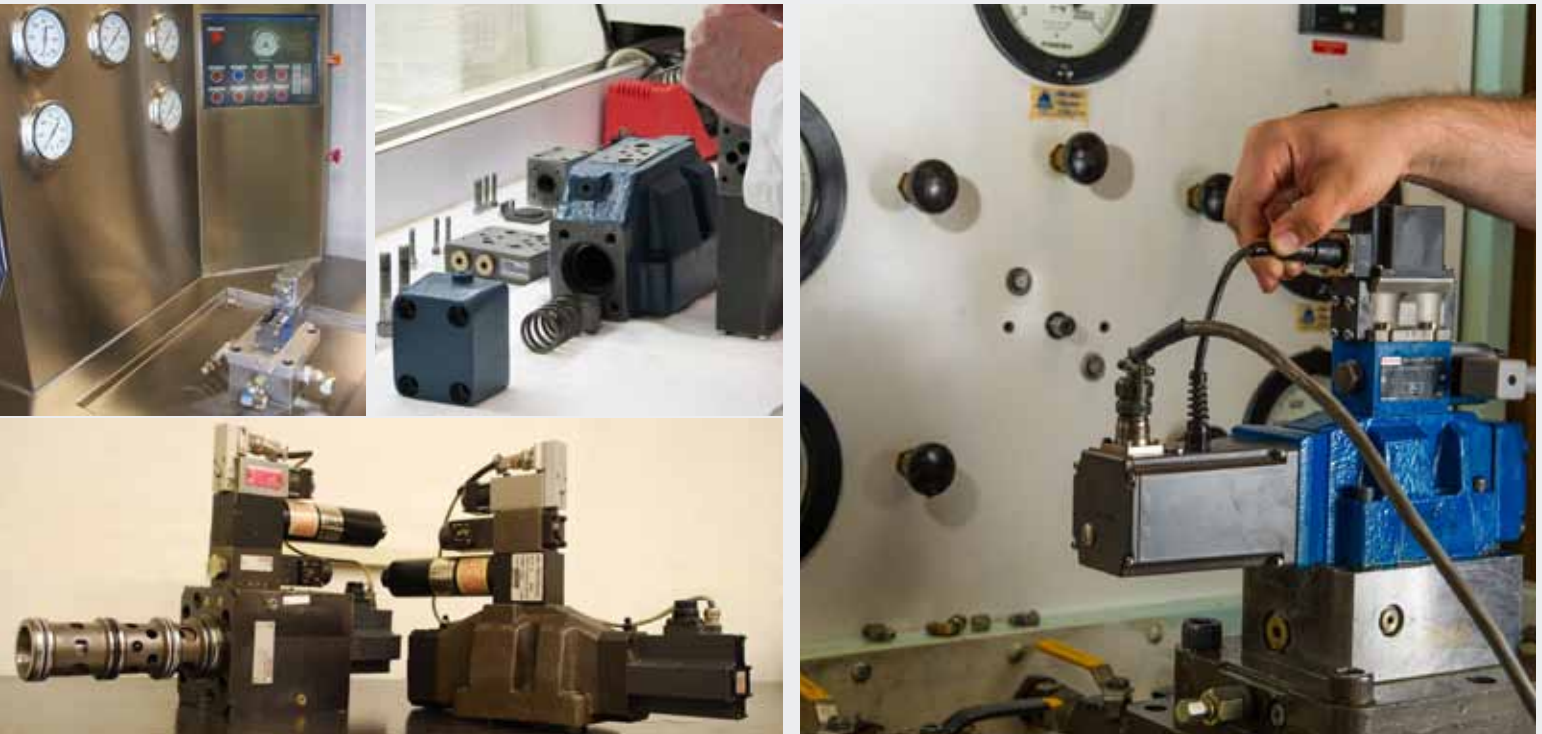
 **BOSCH**

MOOG

 **Parker**

Rexroth

 **VICKERS**



World Class Proportional and Servo Laboratories

Our proprietary test stands were designed and built in house by our own engineers

Bringing your parts back to OEM specifications is our goal. Our expert staff, coupled with our state of the art facilities provides the premium service that sets Paragon apart!

Our Laboratories are Designed to Feature:



Load and Visual Testing



High Pressure Testing



Brand Specific Processes



Full Pressure and Flow Testing



Internal Leakage Testing



Dedicated Torque Motor Test Stand



Dedicated OEM Test Simulators

Visit us at
www.paragontech.com

Hydraulic Services

 **BOSCH**

Oilgear

DENISON Hydraulics

MOOG

Rexroth

VICKERS



Piston Pumps & Motors

Hydraulic Pumps & Motors

Relief Valves

Directional Valves

Gear Boxes & Spindles

Oilgear Pumps

Vane Pumps

Flow Control Valves

Screw Motors

Precision Actuators

Cylinders

Vacuum Pumps

Featured Hydraulic Services



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Electronic Repair



ALLEN-BRADLEY

FANUC



FANUC



Electronic and Servo Automation Solutions

Premium Service

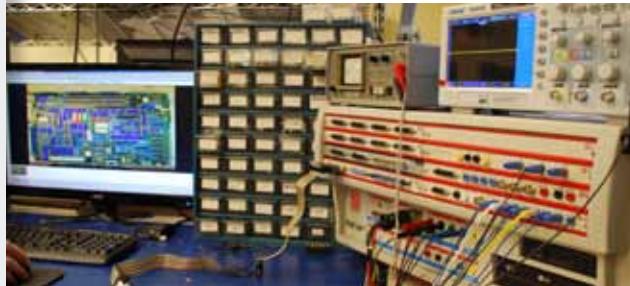
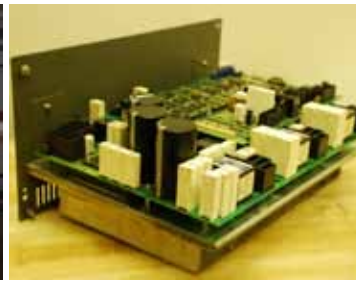
Paragon is your source for your electronic repair needs. Our best work is performed under one roof, meaning you'll never need to use multiple vendors for multiple parts.

At Paragon, we've invested millions into our facilities including our extensive inventory and industry leading testing stations. We load test our work to ensure your unit operates at OEM specifications.

One Stop Resource

At Paragon, we go the extra mile to load test your product to ensure proper in-service life.

Many of our testing procedures are unique to Paragon, meaning you can rest assured your part will operate at its OEM specs again.



Robotics

Light Curtains

DC Servo Motors

CRT To LCD Monitors

Pinpoint

Industrial Computers/HMI's

AC/DC Servo Drives and Motors



Paragon's drive department has extensive experience rebuilding and testing industry leading brands. Our engineering department has built our own purpose driven testing stations to get your drive back to OEM performance.

Our servo motor department has a full system test for your motor rebuild. We digitally align feedback, then perform final burnout test with a matched servo drive. Proactive steps like this help insure your motor works the first time every time.

State of the Art Facilities



SIEMENS



Performance Testing

Siemens Sinumerik Station



Fanuc Drive/Motor Station



Servo Motor Load Station



PLC's

AC Servo Motors

Servo/VFD Repair

Printed Circuit Boards

AC Spindle Motors

Teach Pendants

Disciplined Team Approach



Our departments work in direct collaboration on every rebuild. With our ISO certified process, and our Quality and Engineering Department performing final testing, you can be sure that the service provided will be top notch.

Need a repair fast? Call 1-800-229-5350 day or night!

Process Pump Repair

Facilities ready to service your pump and related equipment!



Before Part Serviced



After Part Remanufacturing

Pumps

Valves

Gauges

Mixers

Strainers

Filters

Systems

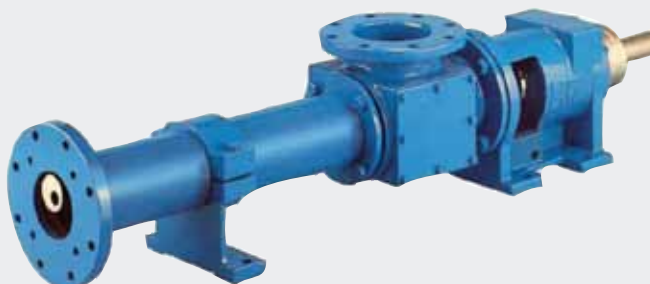
No Detail Overlooked

Complete Refurbish and Reconditioning
Machining & Welding
Dynamic Balancing

Fabrication & Assembly
Pump and Motor Alignment
Part reproduction for damaged or obsolete parts

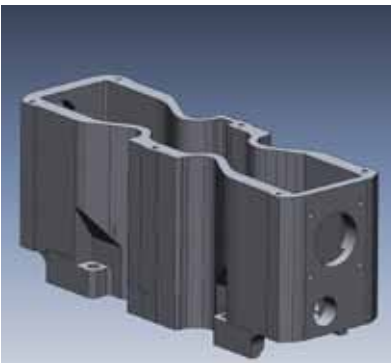
Extensive Product Offering

Our facilities are fully equipped with machinery capable of handling every step of the process.
Make us your one-stop solutions provider for process related equipment.



Extended Services

If we can't repair it, we'll make it!



3D Printing

Keypad Membrane Overlays

Custom Seal Making

In-House Seal Making

Custom Solutions

Support your operations with our multi-million dollar inventory, experienced engineers and advanced facilities. Paragon can recreate a vast array of designs to replace functional and protective components

This Is What Sets Paragon Apart



Heavy R&D Investment



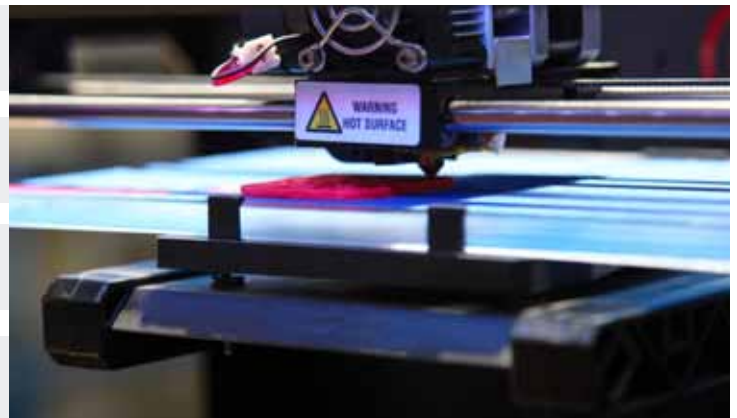
Massive Spare Part Inventory



Custom Fabrication Abilities



Advanced Testing Procedures



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Paragon Extended Services

National distributor with a local presence

If We Can't Repair It Or Make It, We'll Supply It!

SunSource has provided quality components, designed and engineered systems, and maintained a high level of customer service to the mobile hydraulic and industrial markets. Paragon now has access to the resources of the SunSource family, including 30 million dollars worth of stock product from over 300 of the most recognized fluid power manufacturers in the world today, and over 1000 employees ready to assist you.



..... Industrial Automation

We have the automation products and knowledge in place to be a full service resource. We are proud to offer solutions from the component level to the turnkey system. Our suppliers consist of the top performing manufacturers of industrial controls in the world.

..... Industrial Filtration



Cartridge and
Housings
Bag and Housings
Resin Bonded
Melt-Blown Depth
Stacked-Disc Lenticular
String-Wound
Self Cleaning

Metal
Filter Sheets
Pipeline Strainers
Separators
Centrifugal Separators
Roll Media
Compressed Air
HVAC



Filtration is the newest addition to the Paragon line-up. Through our partnership with SunSource we are proud to offer innovative, cost-effective expertise for your OEM and MRO filtration needs. We represent the highest quality manufacturers covering the entire filtration spectrum.

Automation Expertise

Pneumatics • Automation • Lubrication • Filtration



Pneumatics

Benefit from our expanded relationships with top suppliers, including Norgren.

Round Line Cylinders
Excelon Pro FRLs
Fitting & Tubing

Directional Valves
(NEN) NFPA/ISO
Cylinder



Lubrication

SunSource can work with you to design or retrofit your lube systems.

Pneumatic Pumps
Distribution Blocks
Electric Operated
Pumps

Injectors
Controllers
Single Point
Lubricators



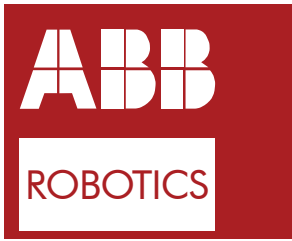
Fabrication and Custom Solutions

Our expertise includes integrated system design, production, and testing of hydraulic, pneumatic, lubrication, process filtration, and motion control applications. From power units, to rebuilds, to complete systems, our Fabrication team stands ready for the challenge. You can count on us for smart solutions to complex problems.

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The Paragon Advantage

Featured Brands We Remanufacture



ALLEN-BRADLEY

 **BOSCH**

FANUC



MOOG

 **Parker**

Rexroth

 **SQUARE D**

SIEMENS

VICKERS

 **YASKAWA**
A World of Automation Solutions™

Paragon and SunSource Service Locations



www.paragontech.com

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