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# Supporting Industry



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## One of the UK's leading providers of industrial automation and electronic repairs.

- Your downtime minimised; we have a fast turnaround
- Get an economically sound solution to your problem
- We'll test and warrant most parts that we repair

We consistently achieve over 90% customer retention every year. UK industry trusts us.

Having open, long-lasting partnerships are the best way to improve plant and process productivity. We get to know our customers, how their plant operates, and what their most important needs are.

The customer is at the forefront of everything we do.

From our account managers to electronic engineers, the Kontroltek team is committed to providing the best possible repair service every time. Our workshops have over 1,000 years of industrial experience.





# Free until we fix it.\*

\*For all opened accounts — standard repairs only.



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# Why work with us?



Standard & emergency repairs



Collection service



24 hour callout service



Competitive prices



12 month warranty



Fast turnaround



On-site service

FREE

Free quotation



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# PLC Repairs

We are able to repair 95% of the industry's existing plc equipment. We offer a thorough and comprehensive repair service for PLCs for a wide range of brands.

Together with our continually developing, bespoke test rigs, and highly trained PLC engineers, we seek to provide the most efficient and cost-effective solutions for all types of PLC modules:

- Power supply modules
- I/O modules
- Interface modules
- Communication modules
- Memory modules
- Special function modules
- Expansion modules
- Programming devices
- Software back ups



# HMI Repairs

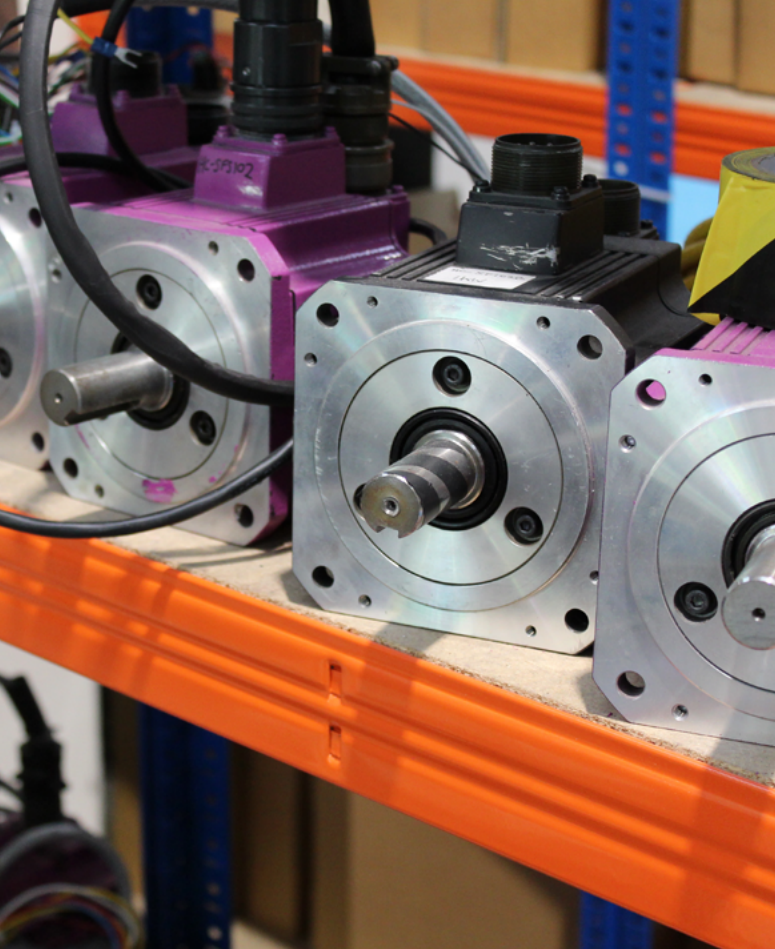
All makes of standalone or panel mounted screens can be repaired, including:

- Touch Screens
- LCD
- CRT monitor upgrades - to LCD or TFT
- Operator keyboards
- Remote Access Panels
- HMIs
- Membranes

Kontroltek's engineers can restore obsolete equipment back to original OEM condition and settings.

Each repair that is carried out consists of an overhaul of the entire unit, rather than just a repair of the faulty element. This will extend the life of your machinery and thereby help to prevent future failure.





# Motor Repairs

Kontroltek's dedicated motor department is specifically structured to provide you with the best motor service possible. Our engineers possess both the mechanical and electronic expertise required to handle a range of industrial motors:

- AC Motors
- DC Motors
- Servo Motors
- Stepper motors
- Slip Ring Motors
- Spindle Motors

All major manufacturers and models are accommodated. Feel secure in the knowledge that our engineers are trained to deliver the highest standards in motor repair.

# Drive Repairs

Kontroltek are able to repair all types of industrial motor drives:

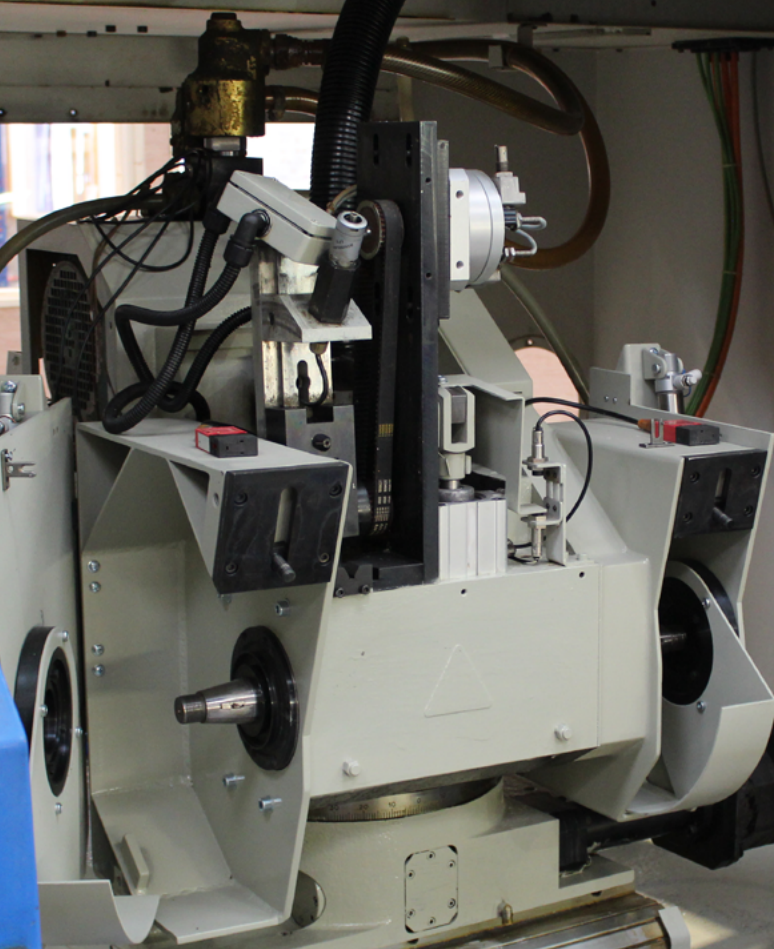
- DC (Converters)
- AC (Inverters)
- Spindle drives
- Stepper drives
- Servo drives

Drives of all sizes can be accommodated. Upon repairing the fault, all electrolytic capacitors are changed as a matter of course, thereby giving the drive a general overhaul and further extending its operational life.

The drive is also load tested on an appropriate motor and run with, or without, feedback - resolver, encoder or tacho. Various control methods can also be used to run the drive such as Analogue, RS232/485, and Fieldbus.

This ensures that whatever your end configuration, the repair will have been tested appropriately.





# CNC Repairs

Certain machine tool servo drives, or axis controllers, have their own dedicated Interfaces. In order to prove our repairs, we have built equipment which will allow the full functional testing of industry standards such as the Siemens 840C and 840D, Siemens 611 analogue, digital and universal, Indramat analogue and digital, Mitsubishi axis and spindle drives, Mitsubishi Meldas and Fanuc OT.

All axis drives are tested by running with a matched motor on a machine interface.

HMI screens, control panels, as well as NC controllers can also be repaired. All repairs are comprehensively tested for full functionality as standard, and come with a full 12 month warranty for your peace of mind.





# Industrial Robot Repairs

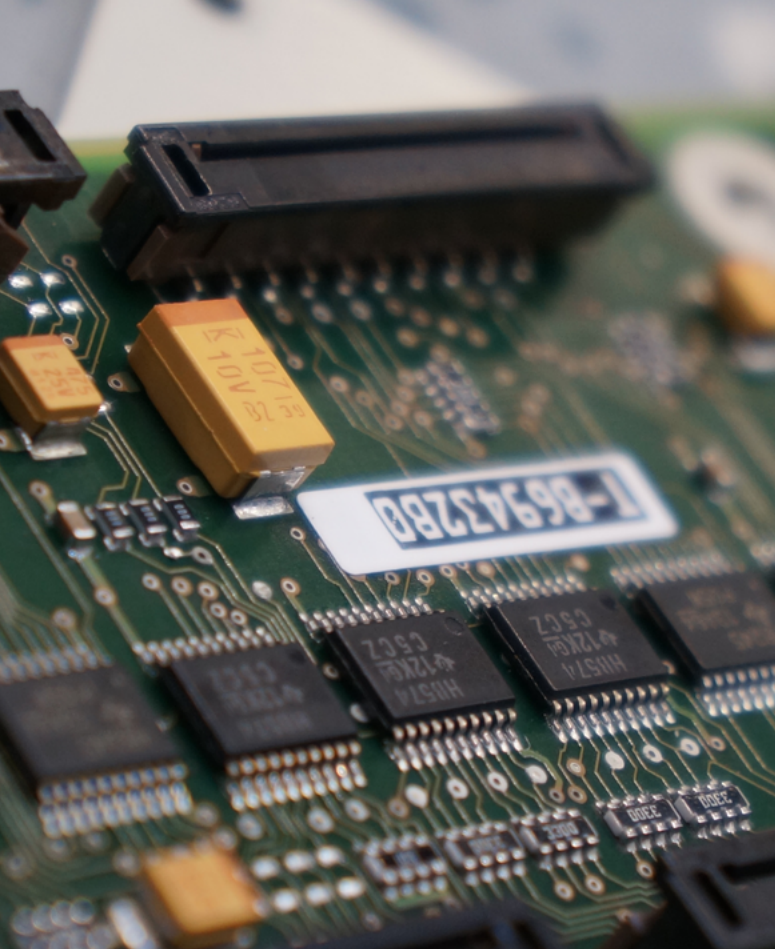
Kontroltek specialise in the repair of critical parts within industrial robotics, being able to repair a large range of servo and spindle motors.

We aim to test all repairs. To ensure our work meets the highest standards, testing is carried out by experienced engineers under custom-built OEM robotic testing fixtures.

This focussed testing uses OEM specifications to bring equipment back to, or greater than, its original working order.

#### Supported Robotic Parts:

- Teach Pendants
- Boards within industrial robots
- Power Supplies
- Feedback Devices
- Servo Motors
- Servo Drives



# PCB Repairs

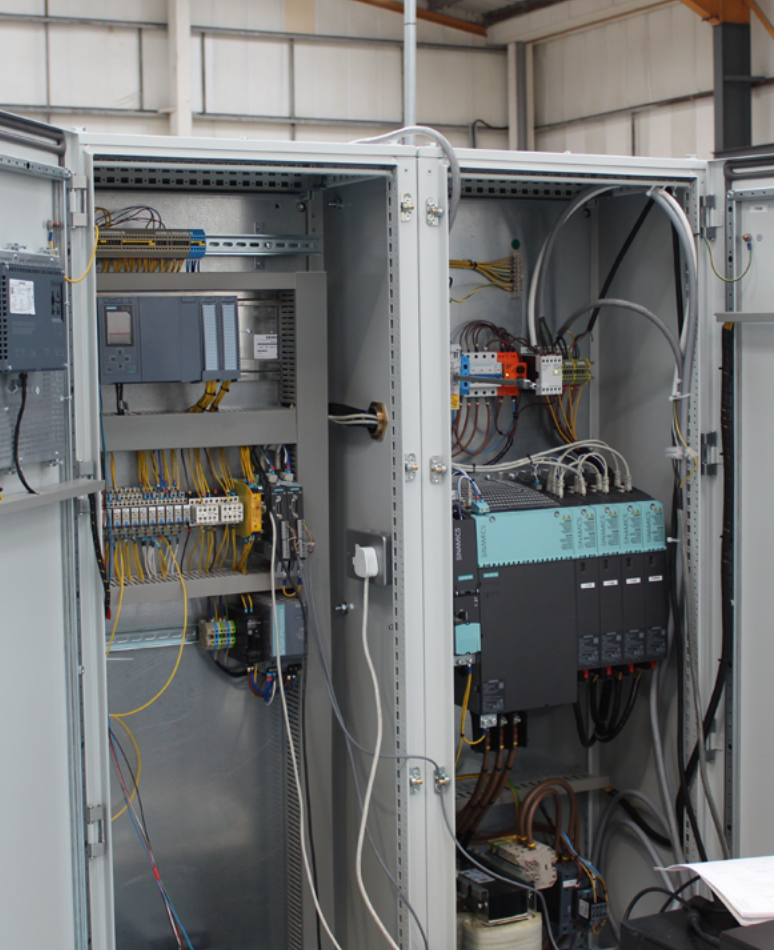
PCB (Printed Circuit Board) repairs are carried out daily at Kontroltek and are one of our most popular parts.

Whether a part of a large automated plant, or something more discrete, one of our engineers will examine the board and locate the fault.

We will then test as much as possible to prove the repair before it is cleaned, lacquered and returned for use.

Supported PCBs include:

- Single Layer
- Double Layer
- Multi Layer



# Test Rigs

At Kontroltek, we comprehensively test each repair with outputs driving into loads, in order to prove full functionality and to simulate the conditions of a machine environment.

This ensures the repair is able to function normally and under load conditions for a given length of time, making sure it will work, when needed, off the shelf. This process guarantees the utmost performance of your items and gives you further peace of mind.

Our Research & Development Department is constantly building bespoke test rigs. Testing is a vital step in the process of repairing your part. These efforts save you time and money.





# Spare Parts

When you need to source hard to find parts quickly and there is a problem with long lead times, their location, obsolescence or quality issues, contact Kontroltek where you will get a fast response to your enquiries and a reliable delivery of the parts you need.

We are able to supply you with new and refurbished automation spares, including: PLC systems, HMI monitors, motors, encoders, drives, CNC machine tools, and more - from all major brands.

With an extensive range of products available, as well as fast, reliable service and support, Kontroltek make it simple to find the parts you need.

What's more, our competitive pricing and high quality service ensures you get the best value.





# On-Site Services

Available 24 hours a day, 7 days a week, 365 days a year, our on-site engineers cover the entire UK and carry a wealth of knowledge and experience on most makes of machine tools, drives, servos and robots.

Whether assistance is needed identifying a fault on a machine, refitting something after a repair, or repairing an item on-site to minimise downtime, we empower our engineers to deliver sound solutions to all challenges.

If there's a problem on your plant and you need help to find it, locate it, repair it and re-commission the plant, then ask for our on-site services.



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