



We Are Kontroltek

Repairing Industrial Electronics. Brilliantly.

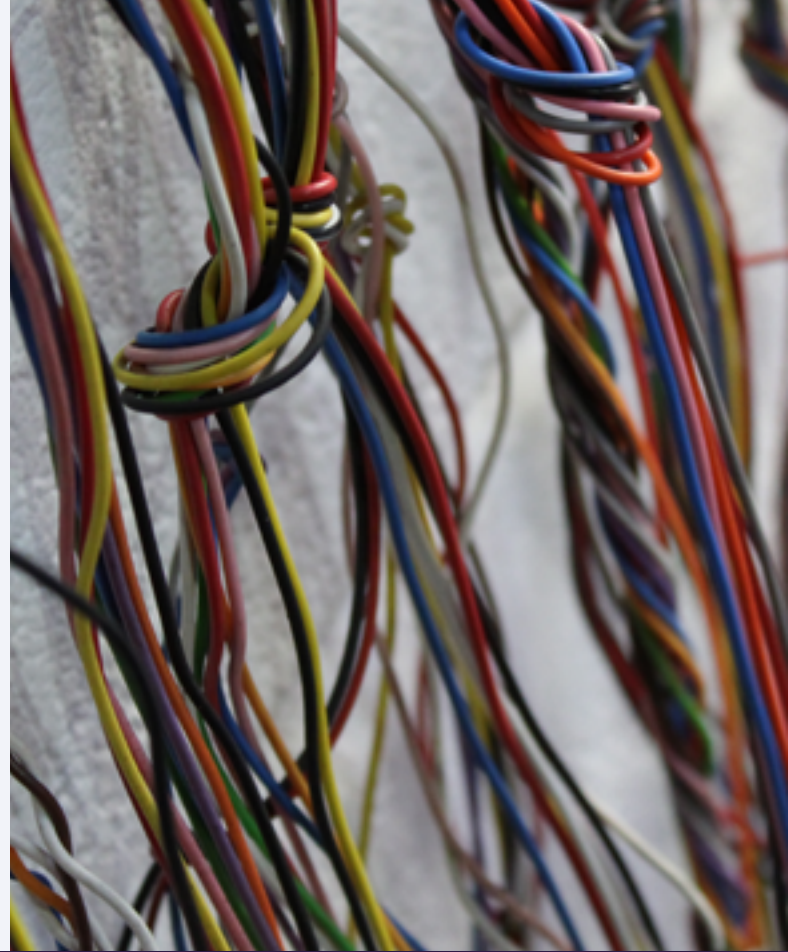


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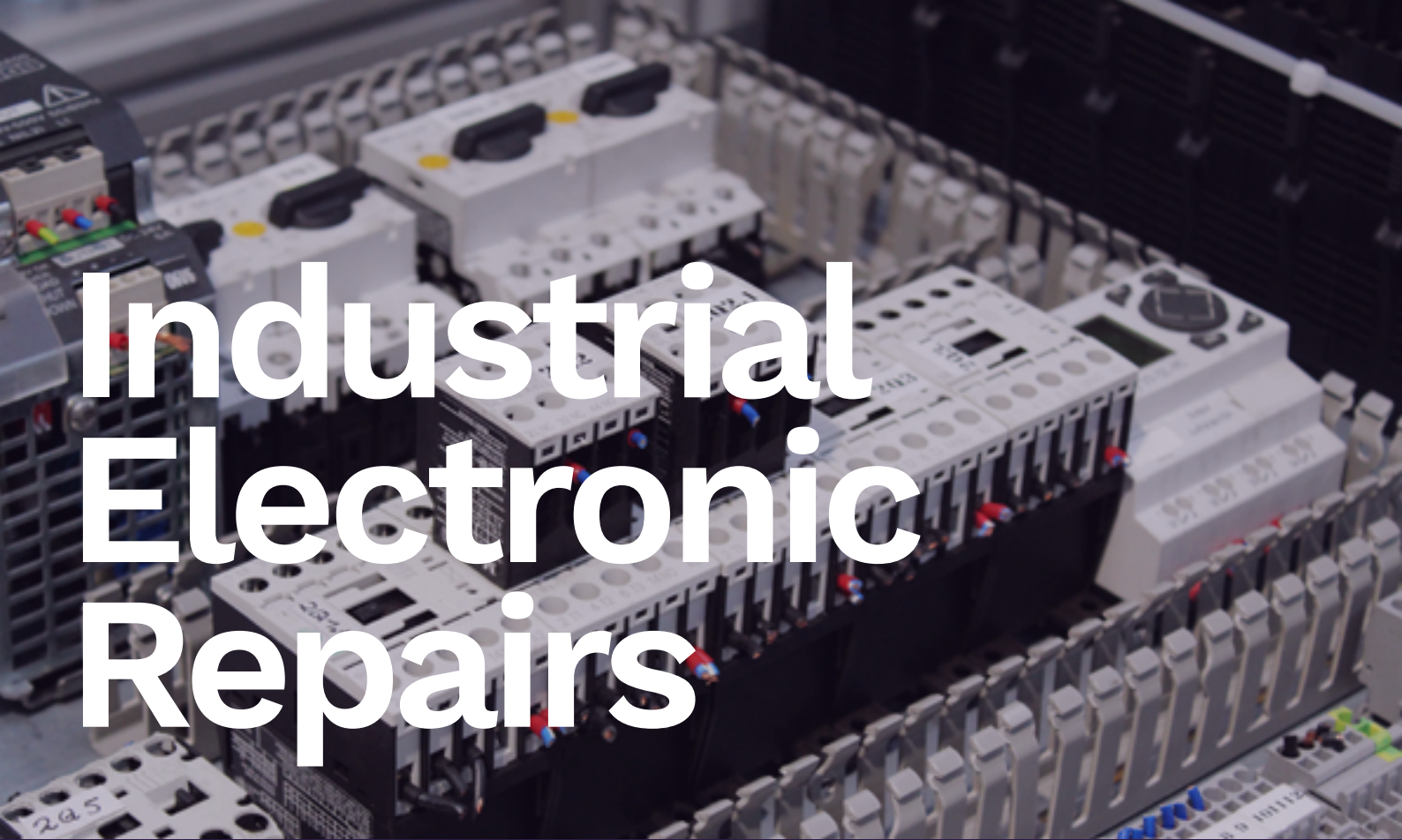
Sheffield Team

Scotland

+44 7783 774 611

Alan Porter - Scottish Sales





Industrial Electronic Repairs





Supporting Local Industry

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

Trusted by 1,000+ customers. Kontroltek workshops are home to some of the finest and most diverse engineering talent in Europe. We repair the old, new and obsolete; the major brands and the niche ones.

- Standard, emergency and on-site repairs
- Low cost, fast and reliable solutions
- All repairs tested, all work warranted

By having open, long-lasting partnerships with our customers, we're able to consistently deliver the best possible service for them.



Why Work With Us?





**Standard &
Emergency Repairs**



**24 Hour
Callout Service***



**12 Month
Warranty & Testing***



**On-Site
Repair Service**



**Collection &
Return Service**



**Competitive
Pricing Promise**



**Fast
Turnaround**



**Free Quote
& Collection (UK)***



**International
Service**

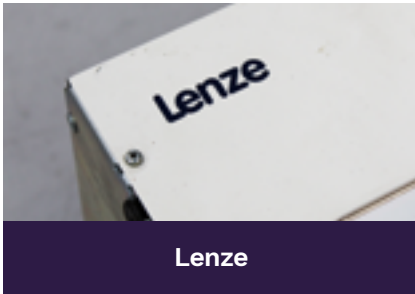
*Terms Apply



We Repair Major Brands



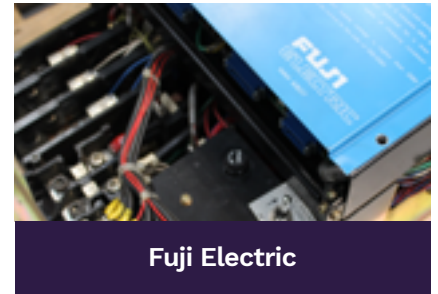
ABB



Lenze



SEW-EURODRIVE



Fuji Electric





Allen-Bradley



Siemens



FANUC



Beckhoff



Danfoss



Mitsubishi Electric



A-Z

Other Brands

A
ABB
Acer
AEG
Allen-Bradley

B
B&R
Baldor
Bartec
Baumer Electric
Beckhoff
Becker
Bosch Rexroth
Braun
Bremer

C
Cisco
Contraves
Control Techniques

D
Danfoss

E
Elan
Elau
Emerson
Ericsson
ERNI
ESA Electronica
Eurotherm

F
Fagor
Fairford Electronics
Fanuc
Fuji Electric
Fujitsu

G
GE Fanuc
Gefran
Geiss
GEM 80
General Electric
Guardmaster

H
Haas
Hagan
Hager Controls
Hauser
Heidenhain
Heller
Hitachi
Hitron
Honeywell

I
ICOS
IMO
Intel
Indramat
Infranor

J
J. Schneider Elektrotechnik
GmbH
JPE

K
KB Electronics
KEB
Kinco
KME
Kollmorgen
Krom Schroder
KUKA

L
Lambda
Lenze
Leroy Somer
Lust
Lutze

M
Magnetek
Matsushita
Mitsubishi Electric
Modicon
Moeller
Murr Elektronik

N
Nanotec
Neco Electronics
Nemic-Lambda
Newtec
Netgear
Nikon



O
Okuma
Omron
Onyx
Ormec
Osai

P
PAC
Pacific Scientific
Panasonic
Parker Digiplan
Phase Motion Control
Philips
Powec
Powerte
Pilz
Prima Electronics

Q
Quad-Tech
Quindar Electronics

R
R+E Automation
Red Lion
Redkoh
Regent Controls
Renishaw
Rockwell Automation
Reliance Electric

S
Salzer
Sanyo Denki
Schleicher
Schneider Electric
Selco
SEM
SEW-EURODRIVE
Sharp
Siemens
Sigma Controls
Sony
SSD Drives

T
TCS
Telemecanique
Toshiba
Typact

U
Umec
Unitech
Urakawa

V
Vacon
Valcom
Vega
Vickers
VIPA

W
Westermo

X
XP Power
Xycom

Y
Yamaha
Yaskawa

Z
Ziatech
Zmb

+
**Many
More...**





PLC Repair



Comprehensive PLC Repair

Kontroltek engineers are well experienced in the repair of both PLC hardware and software. This includes all of the major PLC brands (Allen-Bradley, Siemens), as well as handling a wide variety of formats (Ladder, Function Block, Statement List).

Every day, we provide cost-effective solutions for customers with unusual PLC module issues, and have the ability to test most repairs.

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

SIEMENS

Machine

AUTOMATIC Program running

Actual value

	Feed/Dist.-to-go	Program pointer
> X 135.280	364.728	XYZ_TEST RPT1
< Y -135.280	-364.728	
> Z 54.112	145.888	

Act. value Override Position Set value

F= 3588.86	782	F= 5888.888	
S 1= 8	782	S 1= 8	

Current block

N8805 G94 F2888 X0 Y0 Z88
DPR10 F5888 X588 Y-588 Z2888
N8815 F1888 X-288 Y288 Z888

Overstore Preset def. Program modif. Program correction

SINUMERIK

A B C D E F
G H I J K L M
N O P Q R S T
U V W X Y Z

HMI Repair

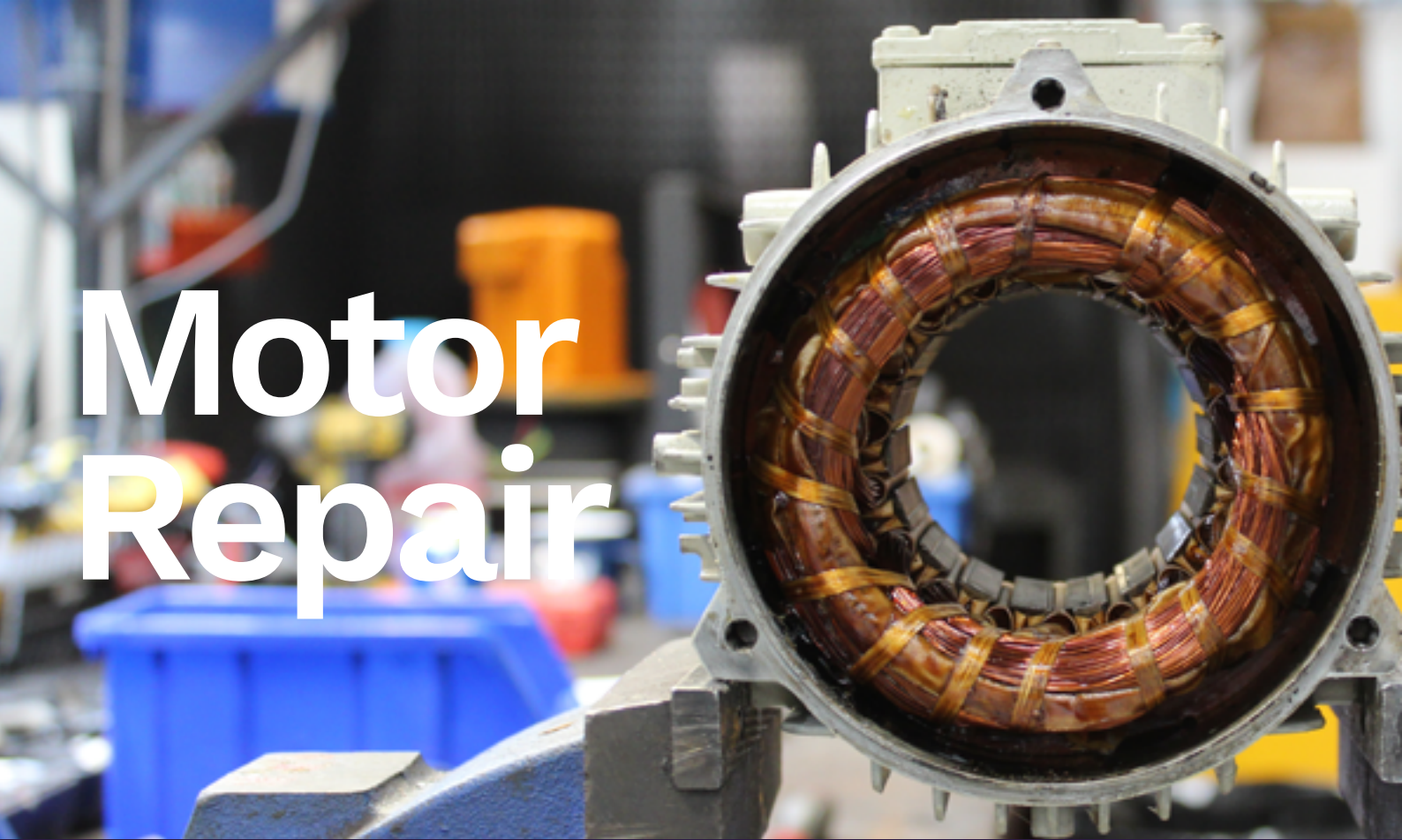


High-Quality HMI Repair

All makes of standalone or panel mounted screens can be repaired. Kontroltek engineers are able to restore obsolete equipment back to original OEM conditions and settings.

Rather than just repair the faulty element, we overhaul the entire unit. By doing so, we're extending the longevity of the part and helping to prevent future failure.

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



Motor Repair

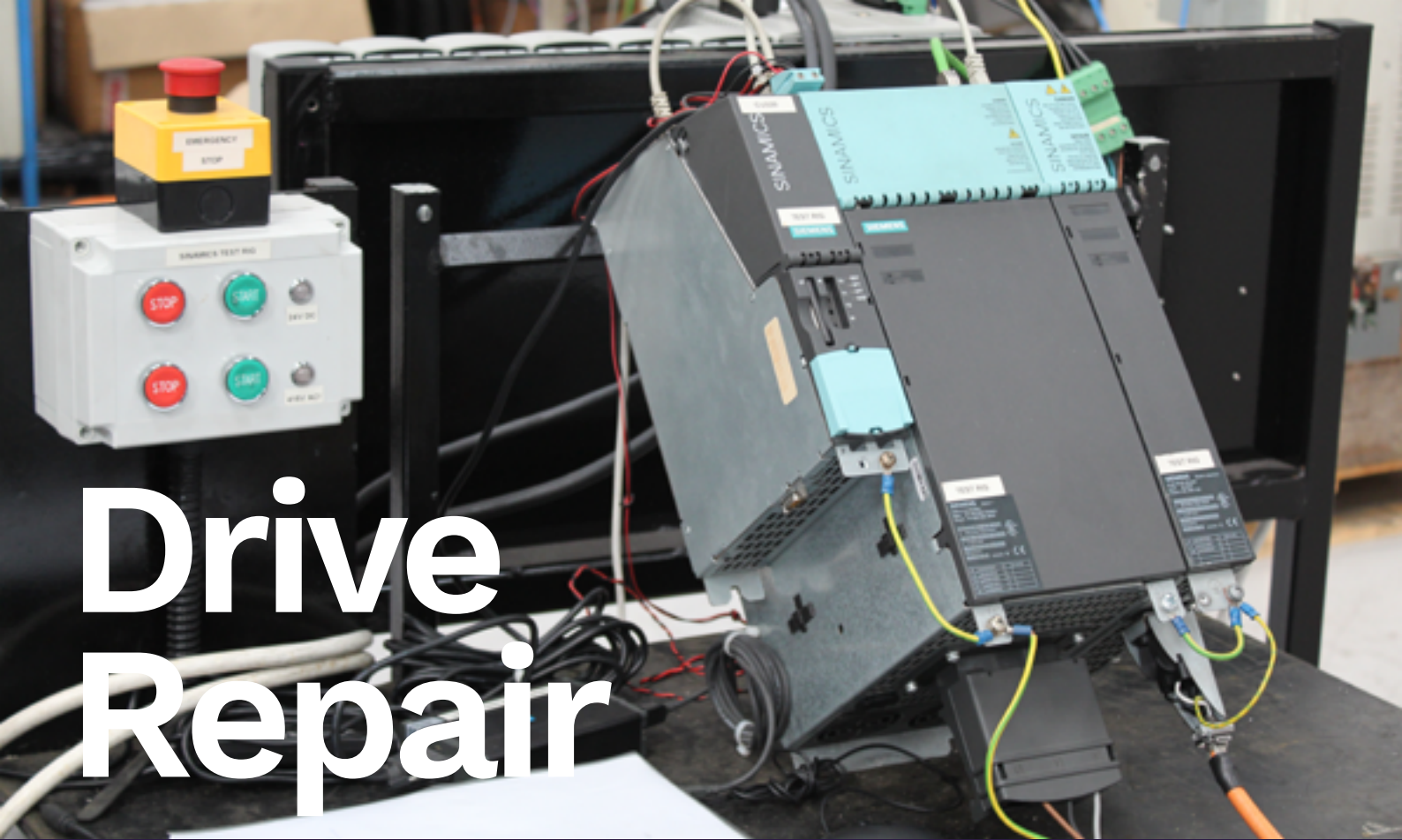


Efficient Motor Repair

Kontroltek's dedicated Motor Department is specifically structured to provide you with the best motor service possible. This includes repairs, rewinds and refurbishments.

All major manufacturers and models are accommodated. Expect fast and reliable motor repairs that stay within budget. All thanks to the ongoing training and expert knowledge of our engineers.

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



Drive Repair

Complete Drive Repair

Kontroltek repair all types/sizes of industrial motor drives. 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 tachometer. 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.

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

A close-up photograph of a CNC machine's drill bit drilling into a metal workpiece. The drill bit is dark and has a double-flute design. A bright orange and blue tool holder is visible at the top. A fine stream of white coolant is being applied to the cutting area, creating a mist. The workpiece is a grey metal block held in a vise. The background is blurred, showing green and blue industrial components.

CNC Repair

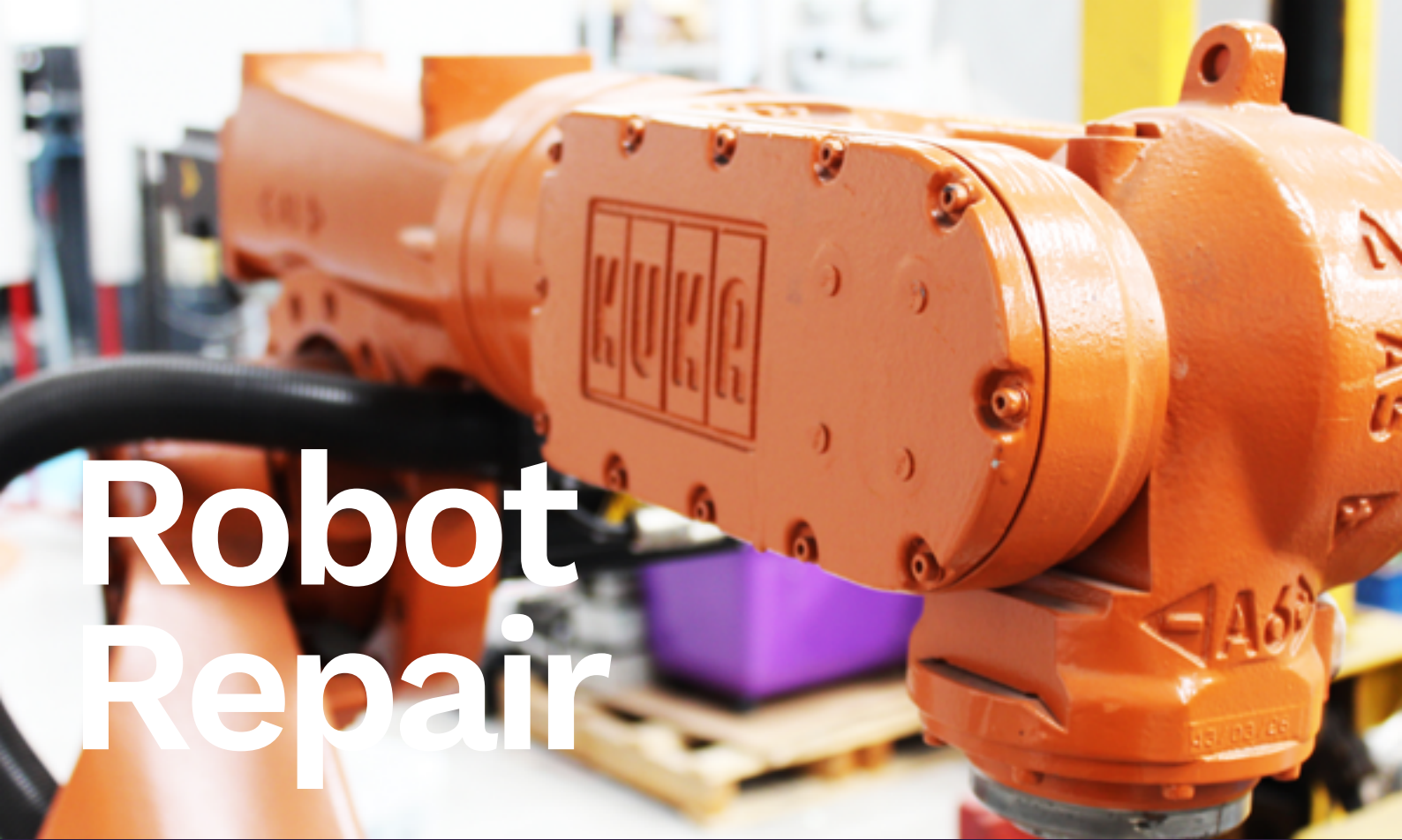
Reliable CNC Repair

Certain machine tool servo drives, or axis controllers, have their own dedicated Interfaces. In order to test our repairs, we have built equipment that allows the full functional testing to the industry standard of items 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.

- Lathes and Turning Machines
- Milling Machines
- Laser Machines
- Electrical Discharge Machines (EDM)
- Plasma Cutting Machines
- Water jet cutter
- Sinker EDM
- Wire EDM
- Multi-spindle machine



Robot Repair



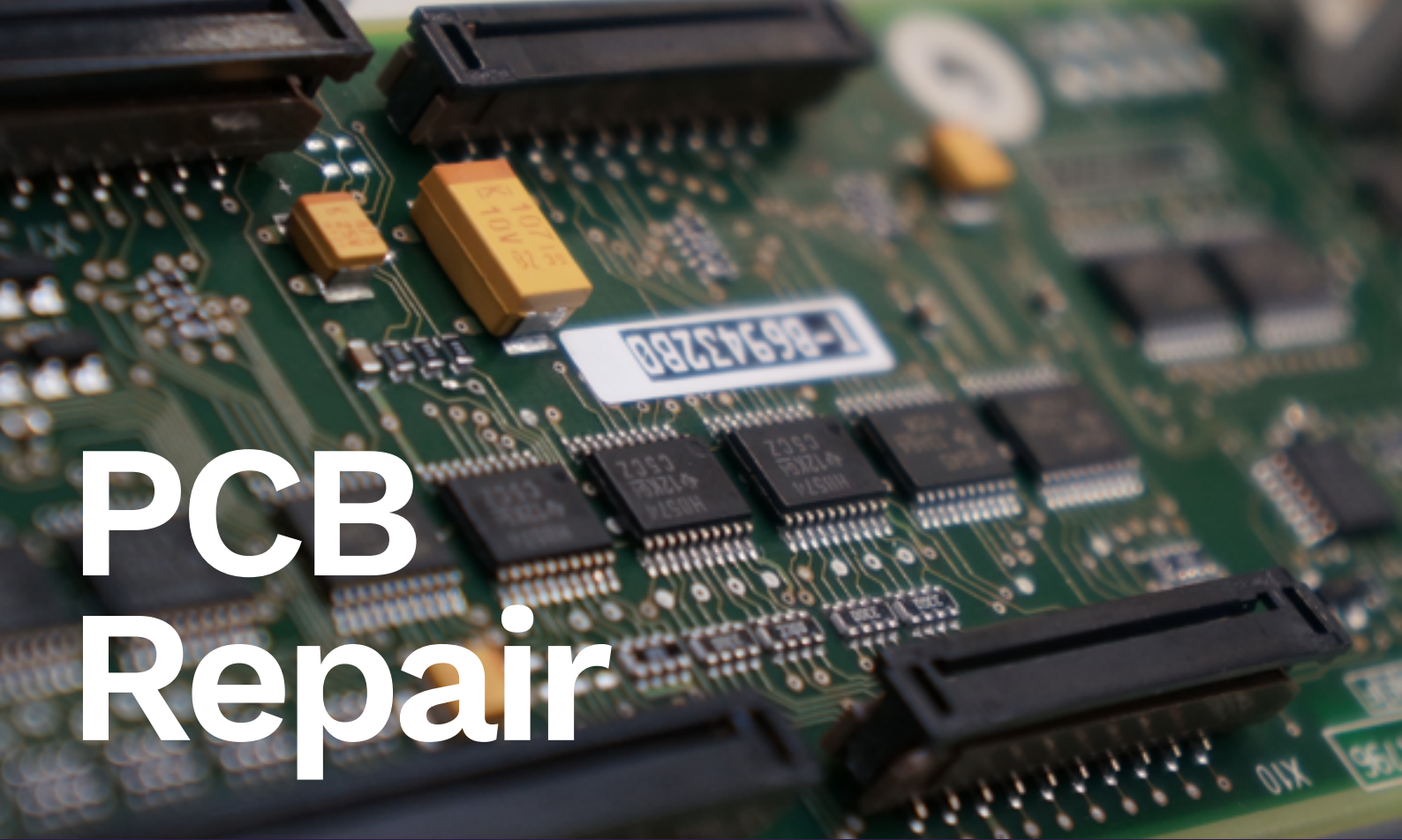
Industrial Robot Repair

Kontroltek specialise in the repair of critical parts within industrial robotics. This includes a wide range of robot-related 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 facilities.

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

- Teach Pendants
- Robot Boards
- Power Supplies
- Feedback Devices
- Servo Motors
- Servo Drives



PCB Repair



Industrial PCB Repair

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

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

When appropriate, we test, clean and lacquer every repaired PCB before returning to the customer.

- Single Layer
- Double Layer
- Multi Layer

Test Rigs



Secure Testing Rigs

When possible, Kontroltek engineers test each repaired part for full functionality.

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. 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.

- 10kW-85kW Inverter Load Test Rig
- B+R Acopos
- Beckhoff AX5000
- Mitsubishi PLC Test Rig
- PacDrive C400/PS5
- PacDrive C200/MC4
- Siemens 840C
- Siemens S5
- Siemens S7

On-Site Support



On-Site Support & Repairs

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 in your plant, we can help find it, repair it and recommission. Just ask for our on-site services.

- Projects & Upgrades
- Preventive Maintenance
- Software Backups

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