



DATS Automation

Repairing Industrial Electronics.Brilliantly.NOW IN OMAN

MUSCAT-SOHAR-NIZWA-SALALAH-SUR- ETC

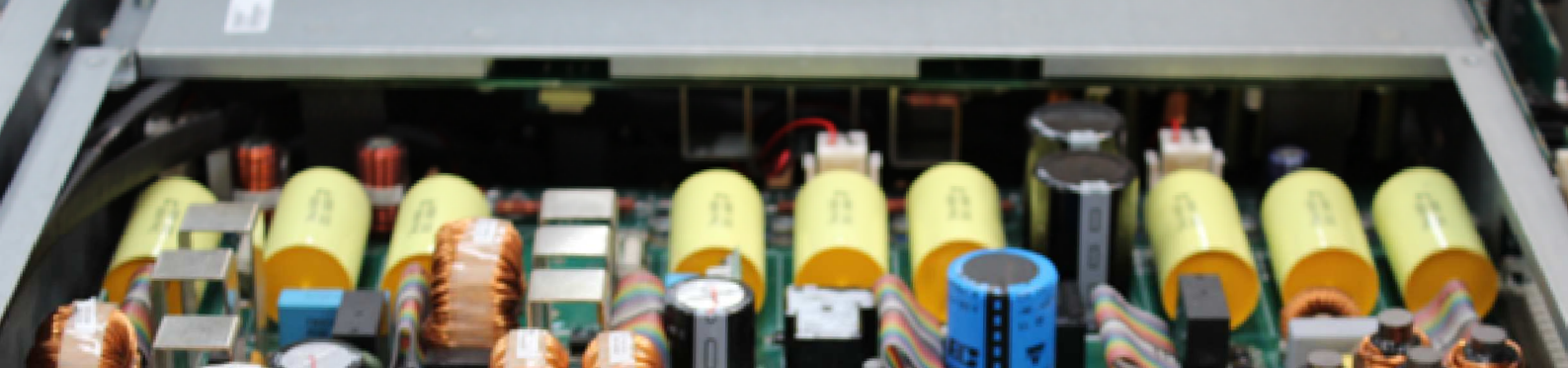
2022



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Email Us CALL 24/7

FOR URGENT INQUIRES : 79346888-94850037

repair@dat-automation.com



Call Your Local Branch

MUSCAT (Head Office)

TEL: 24267288

MOB: 79329888

SOHAR

MOB: 94850037

Sales team

NIZWA

MOB: 79346888

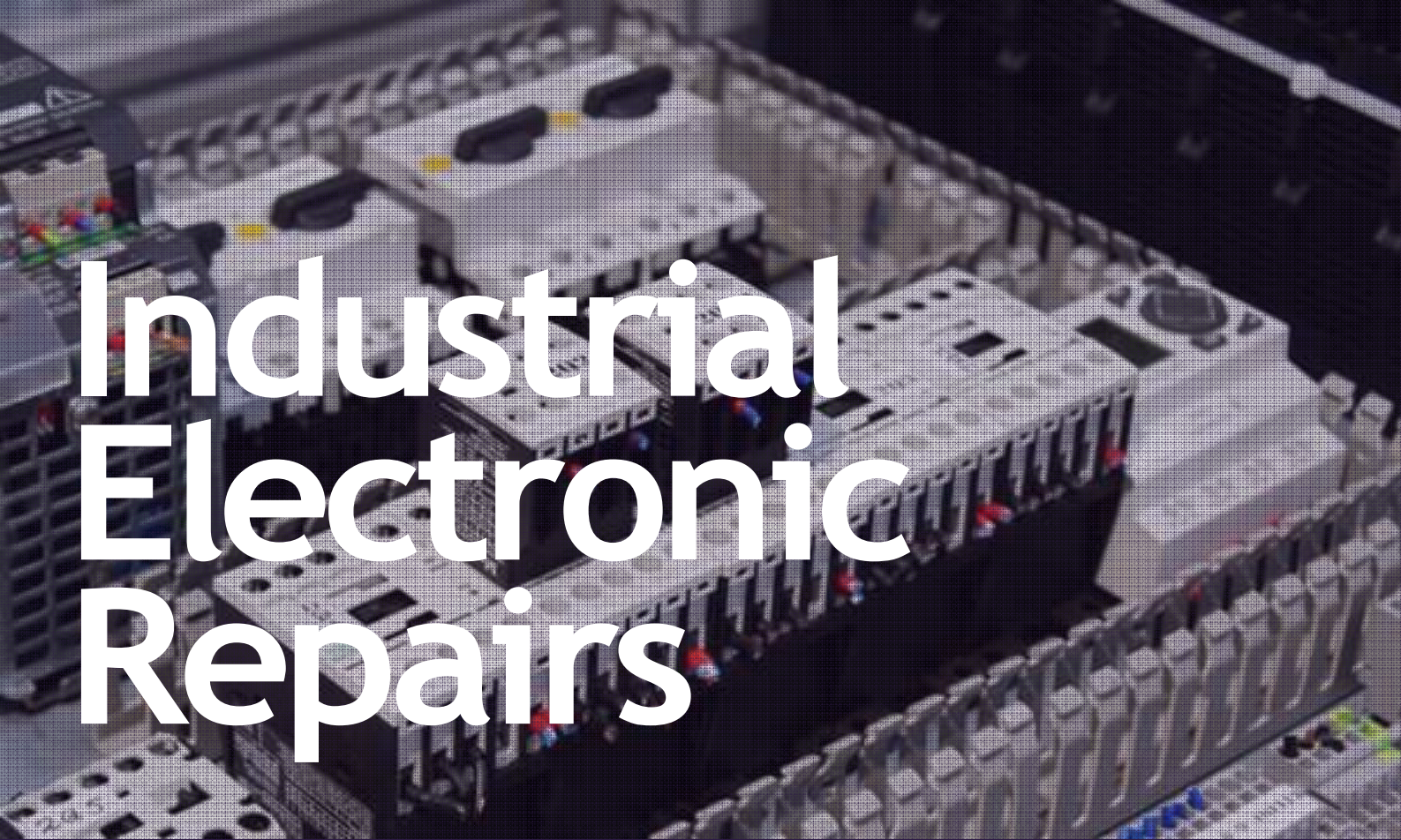
SALES TEAM

SALALAH-BURAMI INDUSTRIAL

MOB: 79326888

SALES TEAM





Industrial Electronic Repairs





Supporting Local Industry

One of the GCC leading service providers of industrial automation and electronic repairs.

Trusted by 1,000+ customers. DATS AUTOMATION 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 In
(ALL OVER OMAN)***



**International
Service
online
support**

*Terms Apply



We Repair Major Brands



ABB



Lenze



SEW-EURODRIVE



Fuji Electric





Allen-Bradley



Siemens



FANUC



Beckhoff



Danfoss



Mitsubishi Electric



A-Z

Other Brands

ABB
Acer
AEG
Allen-Bradley

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

Cisco
Contraves
Control Techniques

Danfoss

Elan
Elau
Emerson
Ericsson
ERNI
ESA Electronica
Eurotherm

Fagor
Fairford Electronics
Fanuc
Fuji Electric
Fujitsu

GE Fanuc
Gefran
Geiss
GEM 80
General Electric
Guardmaster

Haas
Hagan
Hager Controls
Hauser
Heidenhain
Heller
Hitachi
Hitron
Honeywell

ICOS
IMO
Intel
Indramat
Infranor

J. Schneider Elektrotechnik
GmbH
JPE

KB Electronics
KEB
Kinco
KME
Kollmorgen
Krom Schroder
KUKA

Lambda
Lenze
Leroy Somer
Lust
Lutze

Magnetek
Matsushita
Mitsubishi Electric
Modicon
Moeller
Murr Elektronik

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

DATS AUTOMATION 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

Actual value	Feed/Min - X-axis	Feed/Min - Y-axis	Feed/Min - Z-axis
> X 135.280	364.720		
< Y -135.280		364.720	
> Z 54.112			145.800

XYZ TEST

Act. value	Override	Position	Set value	Availability
F= 3588.00	782		F= 3588.000	1 -
S 1= 0	782	0.00	S 1= 0	3 -

Current block

NO001: G04 F2000 X0 Y0 Z04
NO010: F5000 Z5000 Y-5000 Z0004
NO015: F10000 X-2000 Y2000 Z0005

6 functions

01	04	00
12	00	00
40	21	00

Override Feed/Min Program correction

HMI Repair

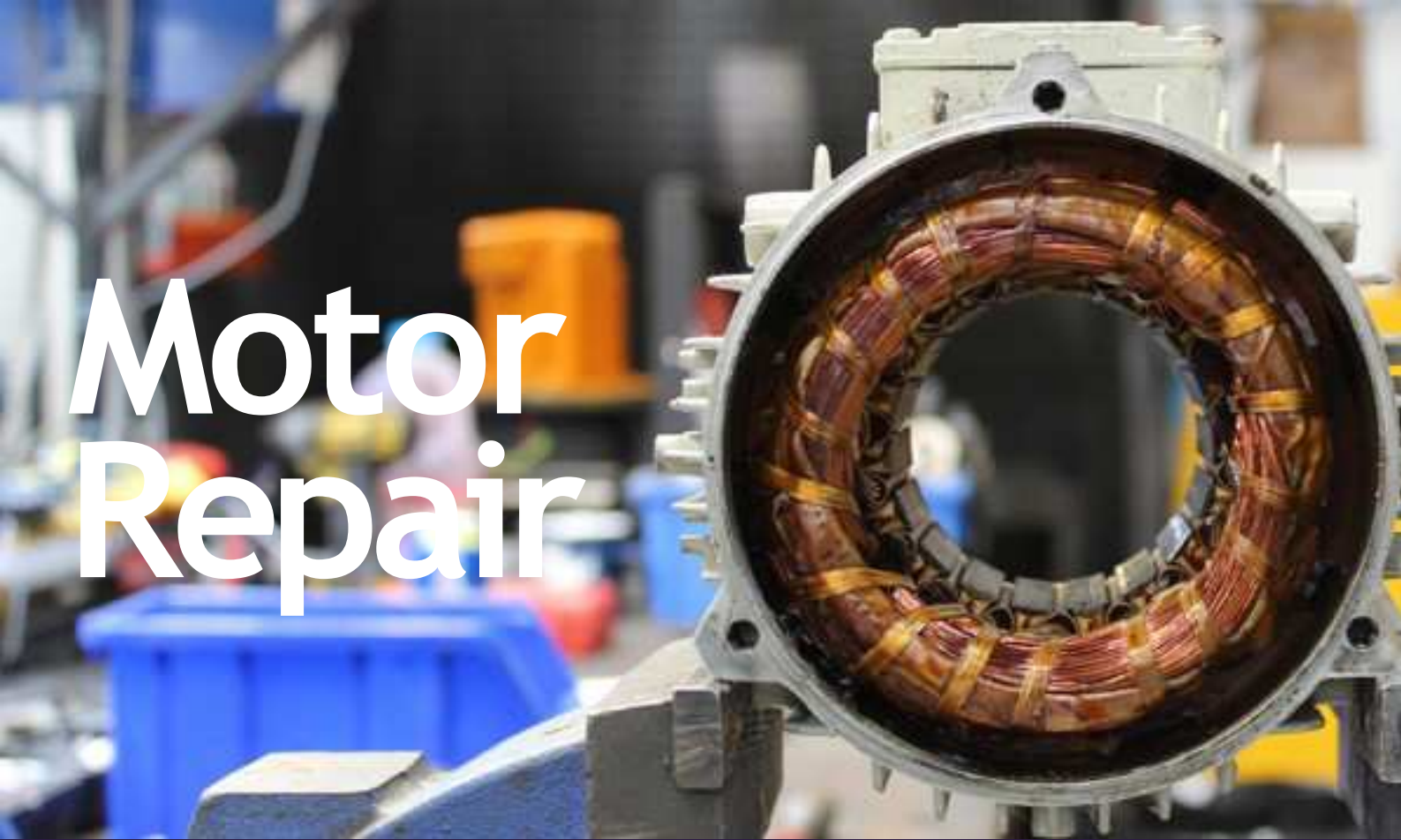


High-Quality HMI Repair

All makes of standalone or panel mounted screens can be repaired. DATS AUTOMATION 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

DATS 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

DATS AUTOAMTION repairs 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 Field bus.

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 black and has just finished a pass, as evidenced by the white metal chips being ejected from the hole. A blue and orange tool holder is visible at the top of the frame. The background is blurred, showing other parts of the machine and a green safety fence.

CNC Repair

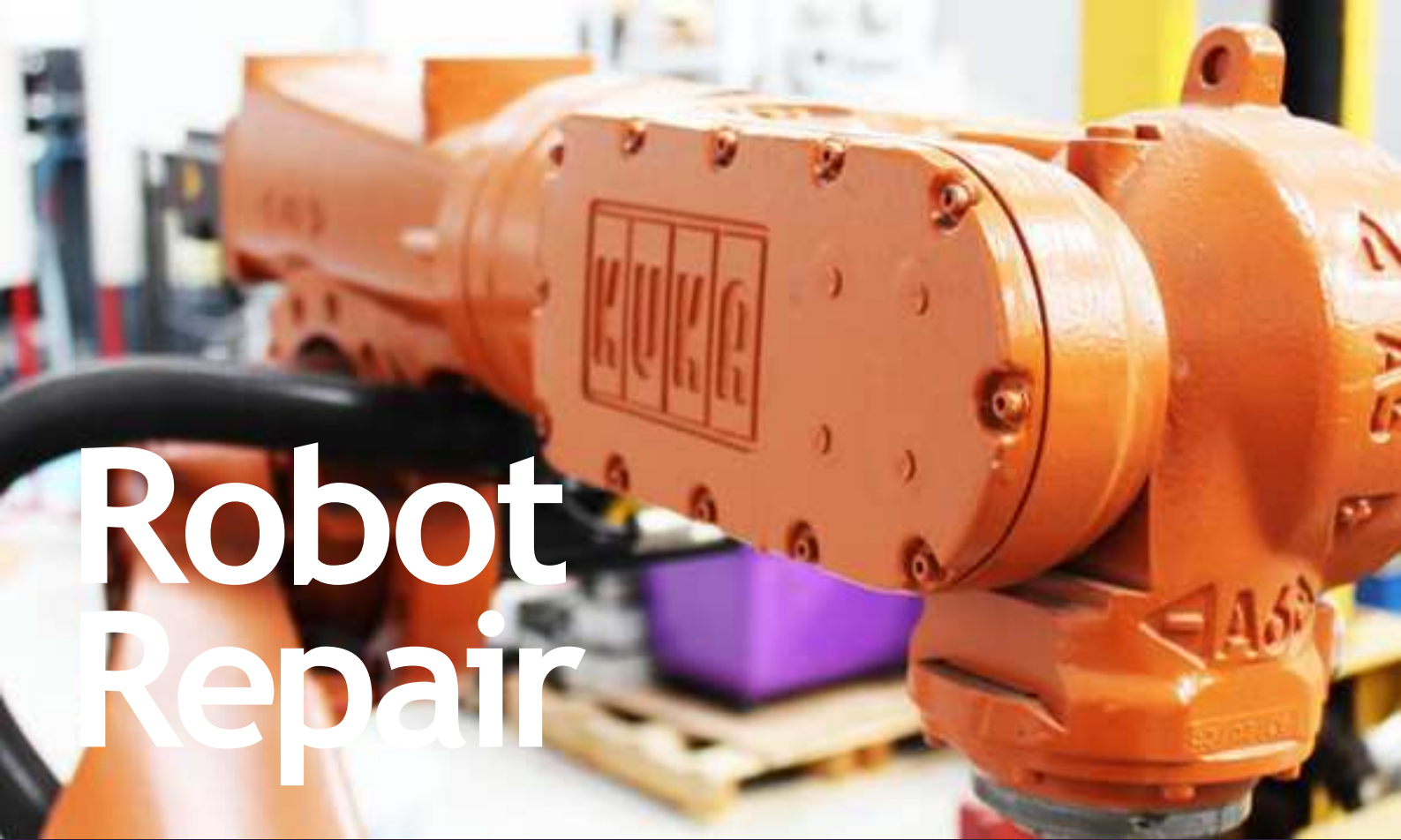
Reliable CNC Repair

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



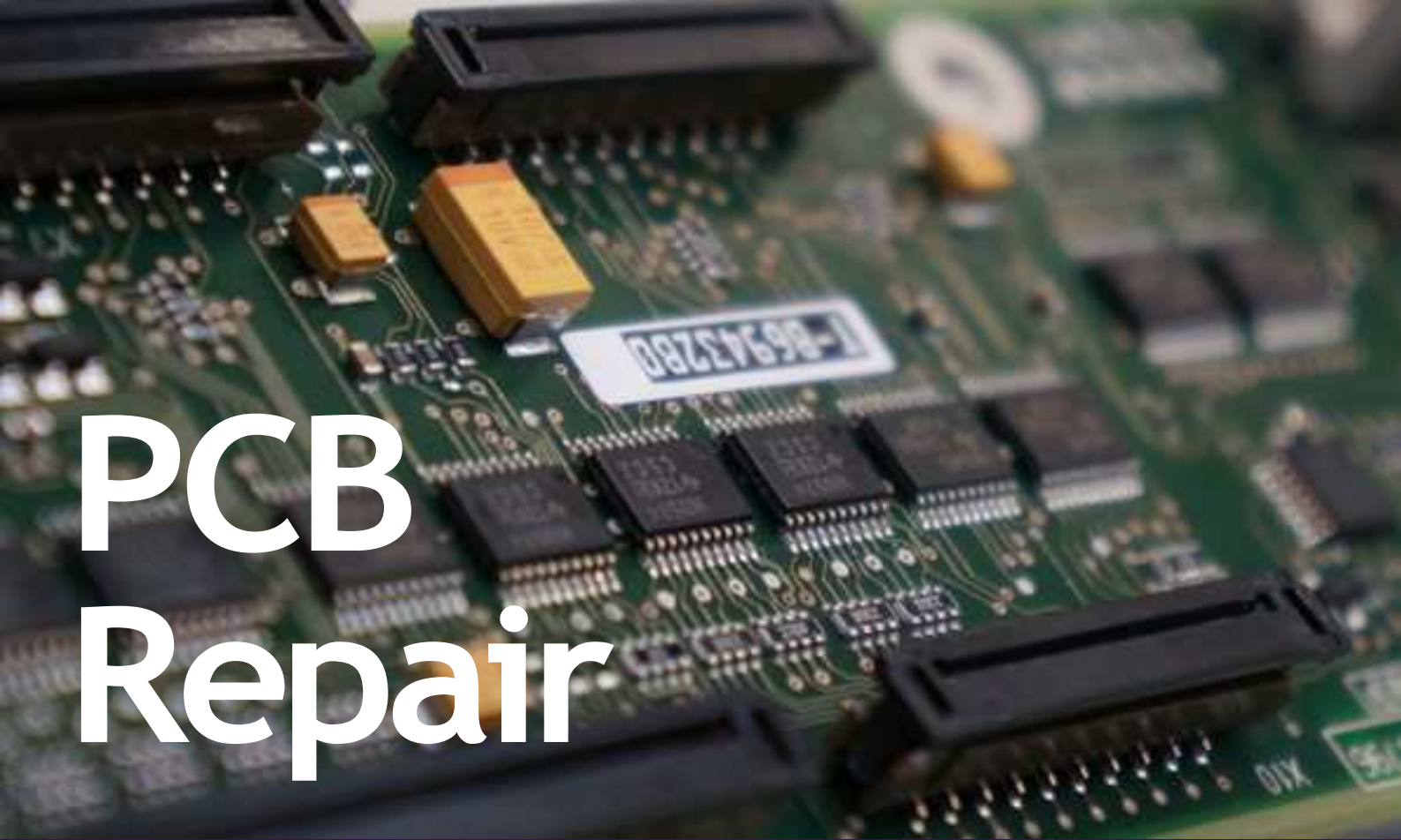
Industrial Robot Repair

DATS AUTOMATION specializes 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 DATS AUTOMATION 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



Secure Testing Rigs

When possible, DATS AUTOMATION 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 OMAN 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 minimize 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



Follow us...we supply new spare parts too...



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WWW.DATS-AUTOMAITON.COM

