

INTRODUCTION to **CONTROL PANEL** products and services

Bespoke control panels, cable harnessing & more!

Precision Built Electrical Solutions

motec, part of motec, designs and manufactures custom electrical systems for industrial applications. Every project is built around the customer's exact operational requirements, combining technical engineering knowledge with dependable UK manufacturing.



Custom Control Panels

motec produces bespoke industrial control panels designed for precision, safety and long-term reliability. From compact operator stations to complex automation cabinets, each panel is engineered for seamless integration into the customer's process.

Features

- Fully bespoke design
- PLC integration
- Operator interface options
- UK-built manufacture
- Fully tested before dispatch

Cable Harnessing

Custom cable harnesses are manufactured to simplify installation, improve reliability and reduce wiring errors on site. Each loom is assembled to specification for consistent performance in demanding environments.

Features

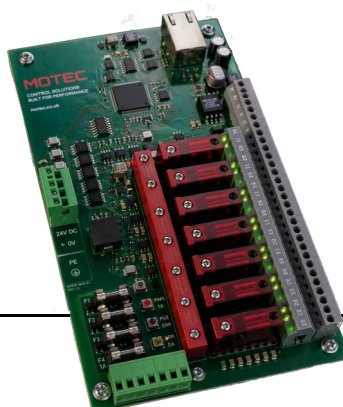
- Power and signal looms
- Labelled assemblies
- Prototype or volume production
- Quality checked
- Reduced installation time

PCB Assembly

motec supports electronic manufacturing through accurate PCB assembly for specialist industrial systems. Assemblies are produced with close attention to performance and repeatability.

Features

- Through-hole assembly
- Surface mount capability
- Prototype development
- Production builds
- Functional testing



Electronic Sub-Assembly

Electronic sub-assemblies can be supplied as individual modules or integrated into wider control systems. This allows customers to source complete engineered packages from a single supplier.

Features

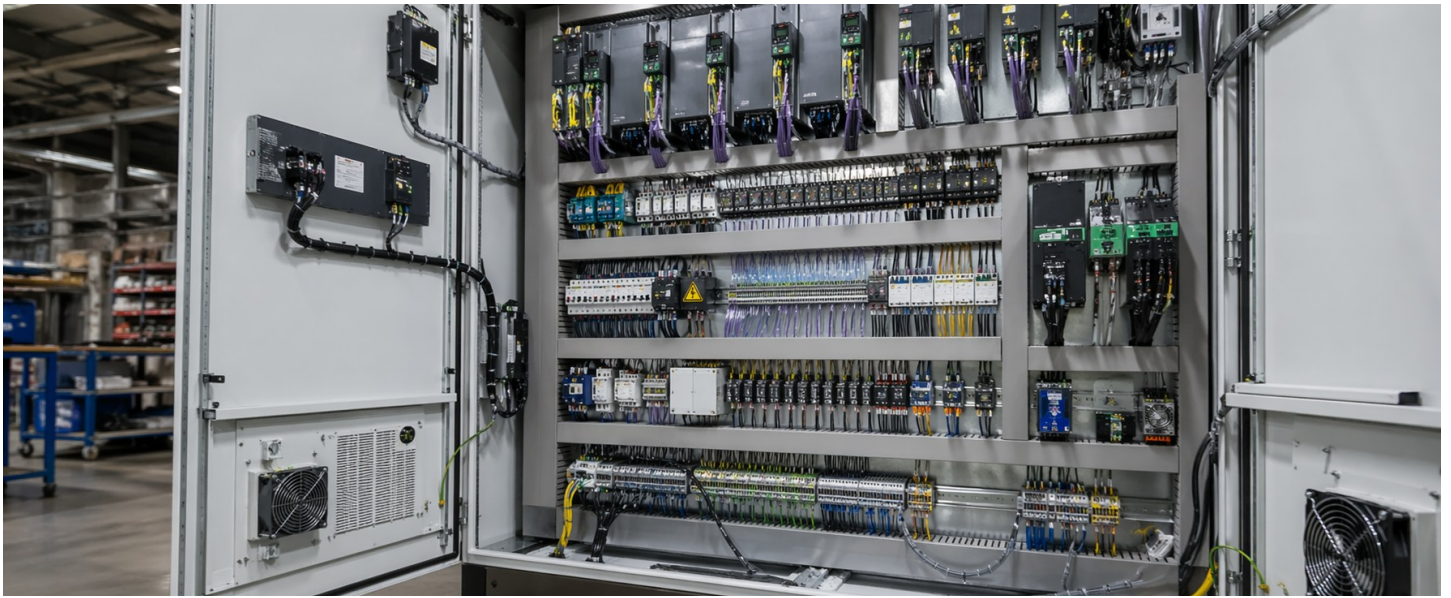
- Custom-built modules
- Mechanical integration
- Wiring included
- Inspection tested
- Ready for installation

Complete Systems

motec combines control panels, wiring and electronics into complete turnkey systems that reduce project risk and improve installation efficiency.

Features

- Single-source supply
- Faster commissioning
- Simplified procurement
- Technical support
- Scalable solutions



Why Choose motec

Engineering Experience

Over 4 decades of practical knowledge in control and automation manufacturing.

Tailored Solutions

Every system is designed around the application, not from a standard catalogue.

UK Manufacturing

Built and tested in the UK for consistent quality.

Reliable Delivery

Projects are completed with attention to performance, safety and long-term durability.



From Concept to Completion

Consult
Technical review of project requirements.

Build
In-house manufacture and testing.

Deliver
Ready for installation and commissioning.

Contact motec

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United Kingdom

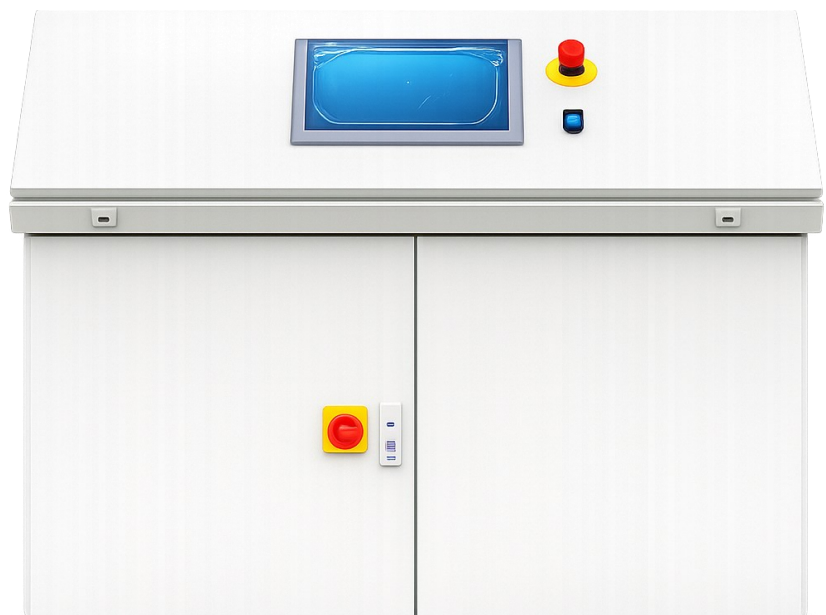
For Custom panels. Precision wiring.
Complete electrical systems. :

please visit us at
www.motec.co.uk or
contact us by email at
info@motec.co.uk or by
phone on **0161 217 7100**.

Industries Supported

motec products support customers across:

- Manufacturing
- Food processing
- Packaging
- Water treatment
- Energy systems
- OEM machinery



Our suppliers



High-performance brushless servo motors and drives
Multi-axis drive systems with fieldbus and safety
Wired and wireless 'safe' HMI's



One to 164 axis Motion Coordinators
Analogue, stepper and fieldbus drive interfaces
Software aids for robot, CAD and machine tool applications



Brushless servo motors and drives
DC servo motors and drives
Low voltage/battery powered drives for brushless and DC motors



Stepper motors and drives
DIN rail, panel mount and PCB mount options
Intelligent drives with integrated control functions



User-friendly, general purpose servo drives
Motor mounted drives for decentralised applications
Drives for AGV and battery powered applications



High performance servo motors
Wide range of options
Build-your-motor to your exact requirements



High performance servo motors
High-torque range
Specify your motor to your exact needs



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Low backlash down to one arc minute
Solid shaft, hollow shaft and robot flange output



Planetary in-line gearboxes
General purpose and low backlash versions
Hygienic coated worm gearboxes



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Choice of materials for compatibility with aggressive media
Laboratory to production scale solutions



Magnetic incremental and absolute encoders
MiniCODER Speed and position sensors
VarioCODER motor commutation encoders
Stand-alone and fieldbus "setting axes"

We also supply and support products from



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