



# 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

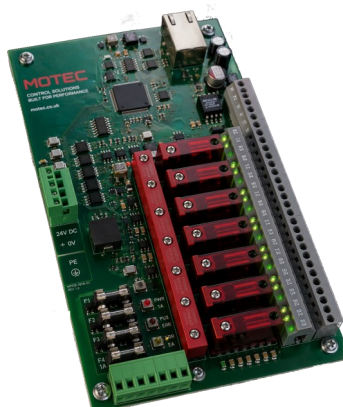
- Power and signal looms
- Labelled assemblies
- Prototype or volume production
- Quality checked
- Reduced installation time

## 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

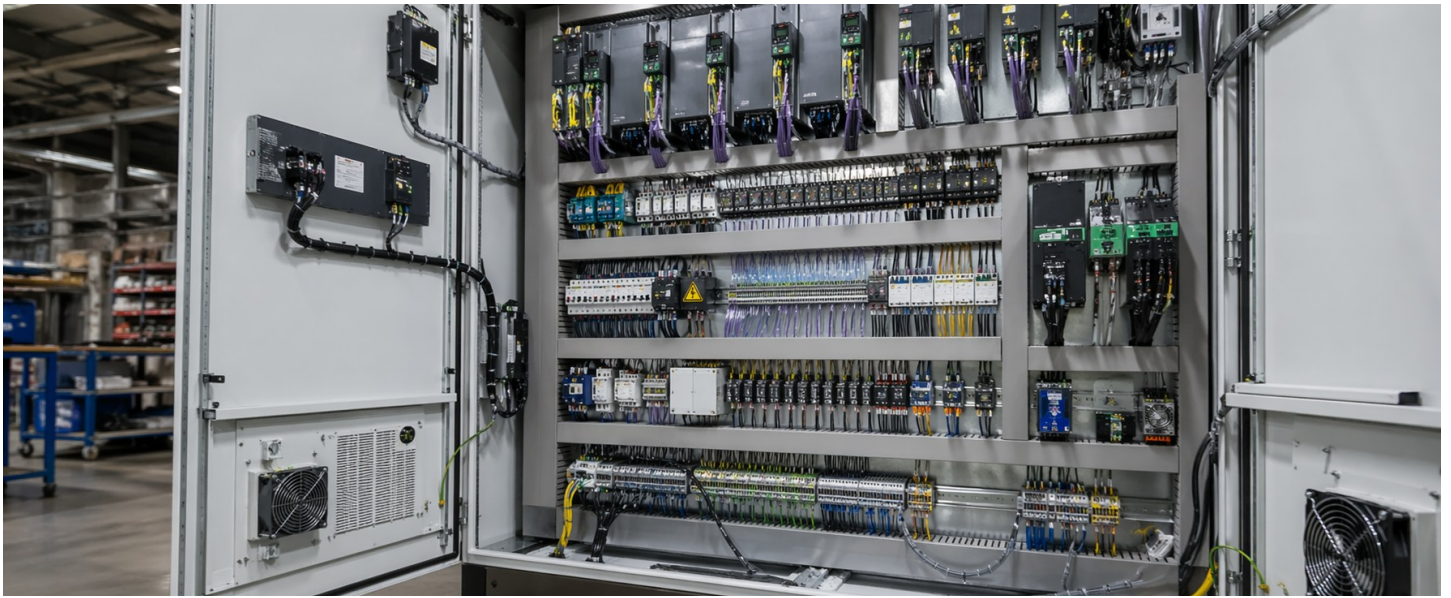
- Custom-built modules
- Mechanical integration
- Wiring included
- Inspection tested
- Ready for installation

## 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



## From Concept to Completion

### Consult

Technical review of project requirements.

### Build

In-house manufacture and testing.

### Deliver

Ready for installation and commissioning.

## Contact motec

**Motor Technology Limited**  
Providence Mill  
Alexandra Street  
Hyde  
SK14 1DX  
United Kingdom

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

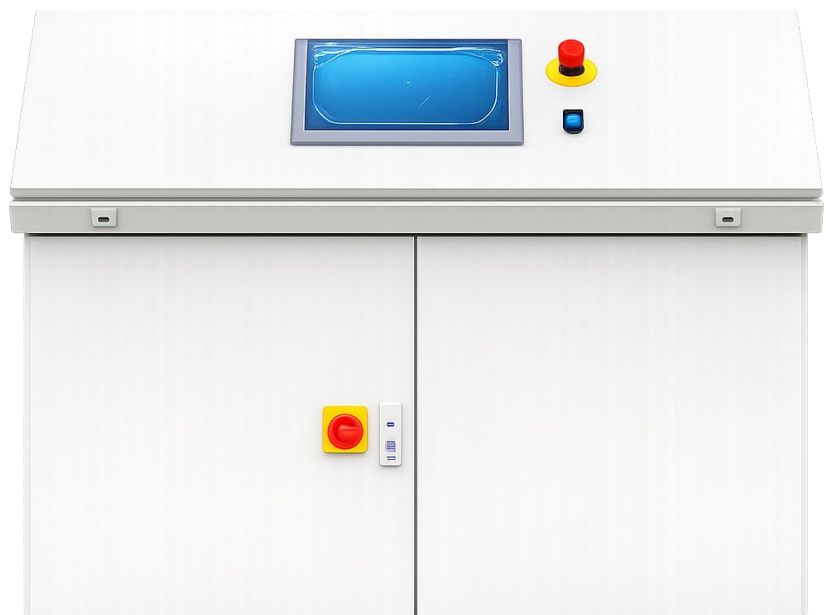
please visit us at  
[www.motec.co.uk](http://www.motec.co.uk) or  
contact us by email at  
[info@motec.co.uk](mailto:info@motec.co.uk) or by  
phone on **0161 217 7100**.

performance, safety and long-term durability.

## 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



Servo worm gearboxes and gear sets  
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



Brushless servo motors  
Direct Drive and torque motors  
Pancake, flat and special motors



Super metering pumps for high accuracy flow and dosing  
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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