

DEESCAN

Control systems designed and built to specification

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Delivering professional and reliable services

A full engineering service available, from initial design to on-site commissioning of electrical panels and control systems.

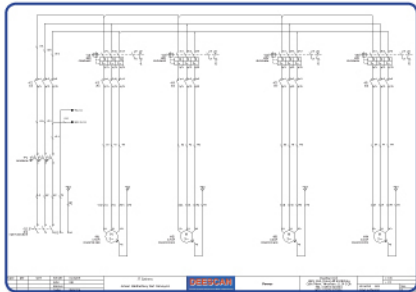
Capability and flexibility to handle everything from one-off special systems to repeat orders for OEMs.

Sustained value for money for our customers by providing an expert and flexible service at generally below in-house costs.



Consult and Design

From Initial concepts Deescan will work with our clients to assist in the design of a control system. We will discuss your needs and how you would like to achieve them. From this we produce a proposal and a budget costing. Should the cost be within budget we would produce set of drawings using Eplan P8, which is the latest in Electrical CAD tools, for discussion and approval.



Projects

Mixing Systems

We have worked for several years with Mixing and process control engineers from Cheshire, over the years we have built control systems that mix everything from Tea to Tarmac. Utilising either Simple start stop controls, Soft start drives, Inverter drives to full PLC recipe handling systems, combined with temperature, pressure and speed monitoring for certain products. These systems have included design and implementation of software for Mitsubishi, Rockwell and Siemens PLC and HMI's



Chocolate tempering and handling

This system form part of a complete chocolate handling set for a major baker in Kent. Deescan has worked closely with the machinery designer to provide them with a control system that is capable of melting, storing at fixed temperature, agitating, pumping and depositing chocolate from 3 different storage vessels on to baked products on demand. We also carried out full installation and commissioning on this system with our client in order to achieve the desired result. The system is controlled by a Mitsubishi FX3U plc with a Proface Touchscreen HMI all the software was designed and written in conjunction with the client and our software contractor. Remote access systems were used in order for our installation engineers to commission the system successfully without the software engineer having to come to site. Deescan have worked with this client for over 12 years.



Screening and feeding

One of our clients is a major manufacturer of Screening and sifting machinery. Producing anything from fertiliser to soap powder and grading anything from rocks and stone to plastic and glass. Our control panels are built to specification and drawings that the client has prepared and issued in this case. Our client sends products worldwide and hence we have become familiar with various different requirements for cable size and colour, environmental issues such as extremes of temperature and humidity, component specification for worldwide acceptance and availability. Deescan has worked with this client for 8 years.

Sorting, weighing, lifting and moving

J T Systems business is in commercial laundries. This particular control panel was specified by others, designed and built by us and installed by others. It forms part of a monorail network with the laundry building that sorts work in to 50Kg batches of similar products, lifts them to a storage space until a machine is available for processing the work, and then transports the work to the machine. Our director has many years experience in designing, installing and commissioning such systems, we are now currently working with him on refurbishing systems. JTS has been a client for over 20 years.



Breakdown

We regularly get called out to breakdowns in control systems that have little or in this case no documentation. This particular control system is on a machine that is "occasionally used", it had no drawings and the machine speed was dropping off and fuses blowing. Using our experience and technical contacts that we have built up over the years, we were able to get the machine going again within a couple of days having sourced obsolete parts and repaired circuit boards. In situations like this, Deescan will do everything it can, provided it is safe to do so, to get you going again and will leave you with a report on the condition of the control circuit along with recommendations to improve particularly where safety of personnel is concerned.