



- > Variable Speed Drive Specialists
- > AC, DC and Servo Drive Systems
- > PLC and HMI Systems
- > PLC and Drive Upgrade and Retrofits
- > Fault Finding
- > Commissioning
- > Control Panel Design & Manufacture
- > Tension Control Systems
- > Steel / Oil & Gas Industry Specialist
- > Web Handling and Winder Applications
- > Maintenance Support Contracts



Online Store

- > Free UK delivery
- > Worldwide shipping available
- > Option to pre-book engineer installation time
- > Search by part number or use filters
- > Stock available for next day delivery
- > Experienced staff with product knowledge
- > Worldwide shipping available
- > Various online payment methods including bank or credit card and bank transfer

Building on from our success as an approved systems integrator, our online store means you can purchase AC or DC drives, motors and auxiliaries, anywhere at any time.

We offer products from the major manufacturers that have been tried, tested and trusted internationally so you can be assured your items will be the quality which we have become known for.

If you have an old, obsolete part or can't find the product that you're looking for, please contact us with your requirements or a part number if available and a member of our team will be happy to quickly locate it or an equivalent for you.

Payments can be made with either a credit or debit card, or by bank transfer if you wish. UK orders are sent free of charge, with special rates for European and worldwide orders.

Same day despatch is available on stocked products so why not order online from us as we may have your new parts ready to be installed the very next day!

Email – websales@oracledrivesystems.co.uk

Telephone – 01924 350 010



Industrial Drive and Control Solutions

Industry sectors

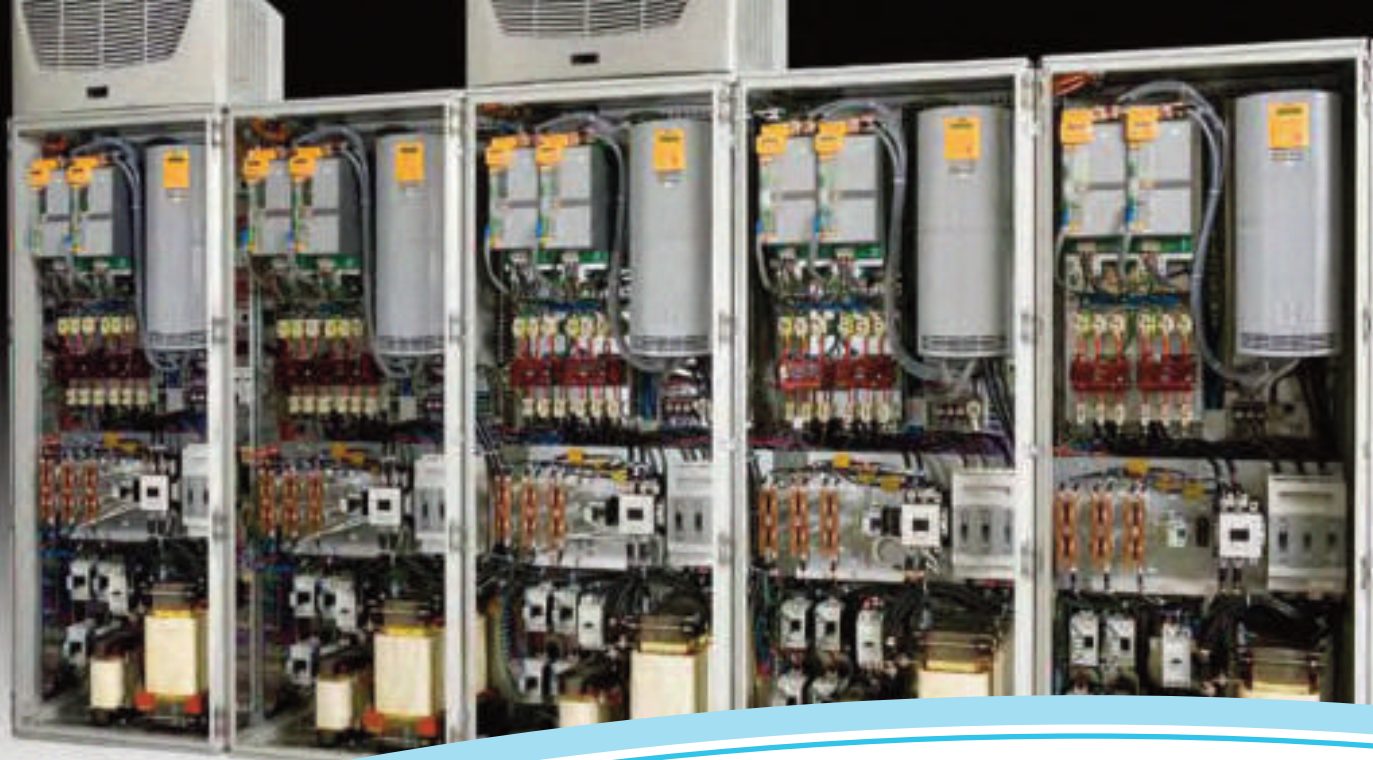
- > Oil & Gas Industry Specialist
- > Cable and Wire
- > Metals Industry
- > Paper Industry
- > Plastic and Rubber
- Plus many others...

Oracle Drive Systems Ltd has many years experience in PLC Control and Variable Speed Drive Systems

With our long association with major drive manufacturers such as Parker SSD Drives, ABB and Sprint Electric, we can cover virtually every application requiring variable speed control.

- > Web Handling and Winder Applications
- > Tension Control Systems
- > Reeling and Unwind Machines
- > Conveyor Systems

No matter how old your variable speed drives system is, we at Oracle Drive Systems Ltd have trained engineers that have the skills, knowledge and experience to offer full professional Variable Speed Drives service for each type and age. This includes a repair facility via one of our approved repair centres. We can travel to any site that seeks urgent repair in order to resolve your problems for you as quick as possible.



DC, AC and Servo Drive Systems

Industry sectors

- > Oil & Gas Industry Specialist
- > Cable and Wire
- > Metals Industry
- > Paper Industry
- > Plastic and Rubber
- Plus many others...

High quality products at very competitive prices

Whether you require a Digital DC drive to upgrade your ageing existing system, or a high performance closed loop vector controlled AC drive, we deal direct with major suppliers to offer the hardware required for the best prices. We only deal with quality suppliers and well known brands that offer the highest levels of safety, performance and reliability.



PLC and HMI Systems

Industry sectors

- > Oil & Gas Industry Specialist
- > Cable and Wire
- > Metals Industry
- > Paper Industry
- > Plastic and Rubber
- Plus many others...

A Control System is only as good as the engineer who configured it.

We supply and support a number of PLC systems either directly or through one of our network partners. We carry the latest Rockwell software for PLC's and Panel view plus HMI's, Proface, Parker SSD and Red Lion. We also support Mitsubishi and Siemens S5 and S7

Whether it's a new system that requires putting together, or an old system that requires some modifications, upgrade or support, we can help.



PLC and Drive Upgrade and Retrofits

Oracle Drive Systems ensure that your upgrade and retrofit accomplish a number of objectives including:

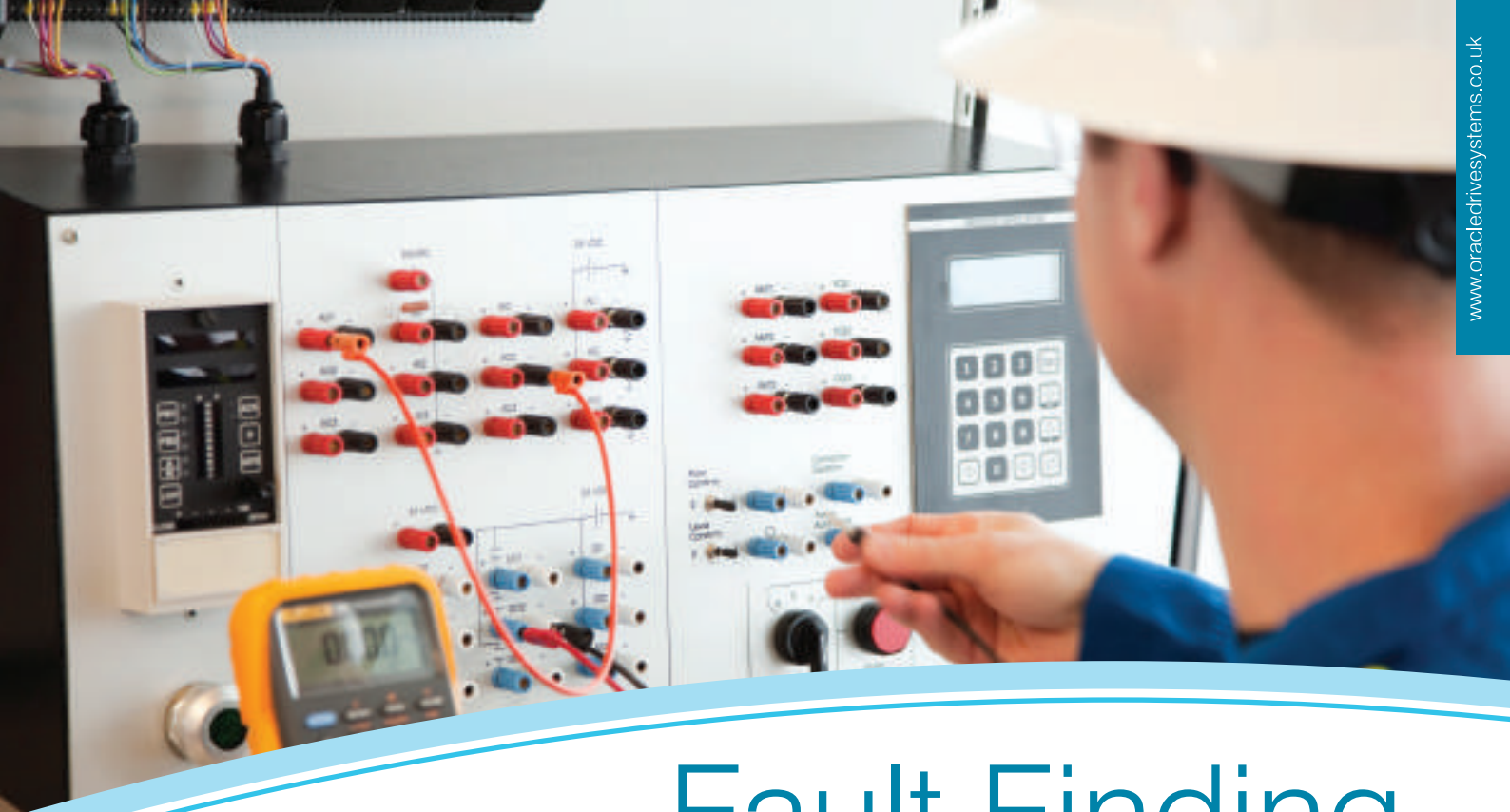
- > Higher Quality
- > Improved Technology
- > Lower Maintenance
- > Reduced Waste
- > Overall Increasing Productivity and Workflow

Oracle Drive Systems...Installation and upgrades to European standards

We can manage a range of installations/retrofitting of new equipment into old panels, upgrades and turnkey projects. We have a number of installation teams at our disposal and working closely with suppliers, are able to handle the trickiest of machine improvements on site. All electrical work is guaranteed and tested using the latest test equipment. Projects are managed closely to ensure budgets are met on time.

Oracle Drive Systems have trained and approved service engineers that can install and commission a range equipment of all ages makes or models. They will make sure that the work we do meets with manufacturers' recommendations with such aspects as airflow, cabling and many more.





Fault Finding, Breakdown and Repairs

- > 24 hr Cover
- > Fast Response
- > Flexible Working Hours
- > Weekend Cover
- > Approved Repair Centres

Oracle Drive Systems... Service when you need it.

We pride ourselves on offering high quality and flexible service calls to get your machines back up and running in no time. Maintenance contracts are available including 24 hour support coverage long or short term. We have a network of engineers at our disposal offering worldwide service. We set up accounts with many suppliers so our customers only have to deal with one, Oracle Drive Systems.

We offer high quality machine breakdown support and have offered this rapid response for many years. We work closely with all our customers and will have your machinery back in production as quick as possible, saving you time and money.



Panel Manufacture

Panel Build Features:

- > Designed to EN Standards
- > Built to EN Standards
- > Built in the UK
- > Fully Tested
- > Quality Components
- > High Standard of Workmanship

Panel Manufacture to EN60204-1 and EN13849 standards ensure you receive only the highest quality control system that is safe.

We manufacture all types of Standard & Bespoke Control Panels, Motor Control Centres and PLC systems.

Control Panels are manufactured to suit the environment in which they will be located, and they are provided with IP ratings to suit.

All work complies to the statutory regulations, Health & Safety at Work and the latest IEE wiring regulations.

All work is CAD designed, and all products are certified for CE conformity.

We only use well known high quality components and all our panels are guarded to IP2X (finger proof). We fit thermostats as standard to all force cooled panels to minimise noise and filter maintenance. Saves energy too!

Thermal Imaging

Electrical problems that can be found on a variety of types of electrical equipment by using the infrared thermal imaging include the following:

- > Batteries
- > Breakers
- > Busbar Systems
- > Control Panels
- > Distribution Boards and Fuse Boards
- > High Voltage Systems
- > Switchgears and Switchboards
- > Transformers
- > UPS Systems

A valuable maintenance tool for the cost conscious manager.

We use a high specification Fluke Ti25 thermal imaging camera to check your panels for loose connections, overheating devices and load imbalances, giving you the opportunity to put right a minor problem before it turns into a major one. Detailed reports showing the Infrared and normal images are collated, with full annotations based on your plant and equipment. All inspected panels are then labelled, indicating when the survey was completed.

With switchgear and termination panels having to be shut down, this can make electrical faults time consuming and expensive to diagnose, and it can also cause problems with workflow. Using infrared thermal imaging will help to avoid these issues as it can find faults in seconds, some of which could be crucial. These faults can then be resolved before they cause failure to the machinery. This proactive approach rather than a reactive response to a fault, can help reduce further major breakdowns in the future, making the thermal imaging survey money and time well spent.

Oracle trained engineers have the experience to detect failures that have occurred and that also could occur. They use the latest infrared technology for industry fault detection.



Electrical CAD Drawing Services

- > Automated CAD Package
- > Duplicated wire Number Checking
- > Red Line Mark Ups
- > Fully Detailed Parts Lists
- > Navigation in Pdf's
- > Automatic X-Refs

A good electrical drawing is worth its weight in gold.

How many times has your electrician struggled to fault find due to inaccurate or poor quality drawings? At Oracle Drive Systems we provide full mechanical and electrical drafting that will meet each customer's needs and expectations. We can offer services to reproduce your electrical drawings onto an automated CAD platform with binded PDFs that hyperlink between pages, redraw or amend hand drawn sketches and keep your plant downtime to a minimum during faults, it is also a legal requirement to have up-to-date and accurate drawings don't forget.

We use RSWire (using an autocad engine) and Promis e Select Series 7 based on micro station for all our drawings.





Maintenance Support Contracts

Benefits of having a maintenance contract in place:

- > High Level Support
- > Corporation Tax Savings
- > Reduced Manning Levels
- > 1 Supplier, Multiple Products
- > Easy Accounting
- > Streamline Procurement
- > Documented Work Records
- > Call Out Cover
- > Monthly Payments
- > Discounted Rates
- > Maintained Stock

Electrical Engineering Contracts

Reduce the paperwork, improve efficiency.

With engineering contracts in place we can help streamline processes and improve response as well as reducing costs. Discounts on engineering rates are offered with contracts along with fixed price discounted parts and spares from a wide range of manufacturers. We deal direct with key suppliers and pass the savings onto you. This benefits you as a customer by getting better prices on hardware and electrical engineering services and means there is less time spent getting urgent orders through the procurement red tape.

Maintained Spares Contracts

How do you know your spare electrical stock is any good?

When inverter drives are left unpowered for any length of time the power capacitors begin to deform and deteriorate. These require recharging regularly to preform them back to new. Any drive that has been stood for 2 years or more should be preformed. The longer they have stood the longer it takes to preform. We have the equipment and expertise to do this.



Power Quality Analysis

Our power quality analysis equipment can accurately monitor and record:

- > AC RMS voltages up to 480V (phase to neutral) or 830V (phase to phase) for two-wire, three-wire and four-wire networks
- > Alternating RMS currents up to 3000 A RMS
- > Frequency of 50Hz networks (10Hz to 70Hz)
- > Active, reactive and apparent power per phase and their aggregate
- > Harmonic Distortion (Up to the 32nd harmonic)
- > Average value of any parameter, calculated over a period running from 1 sec to 2 hours. Storage of values over an unlimited period in the instrument memory
- > Power disturbances (swells, dips and interruptions, overrun of power and harmonic thresholds) These are recorded and time stamped
- > Detection of transients and recording of the associated waveforms

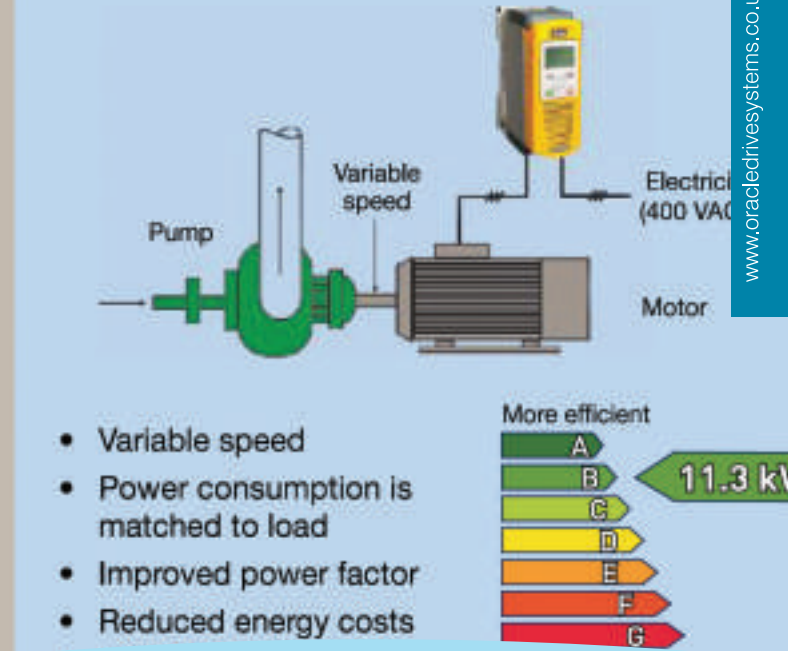
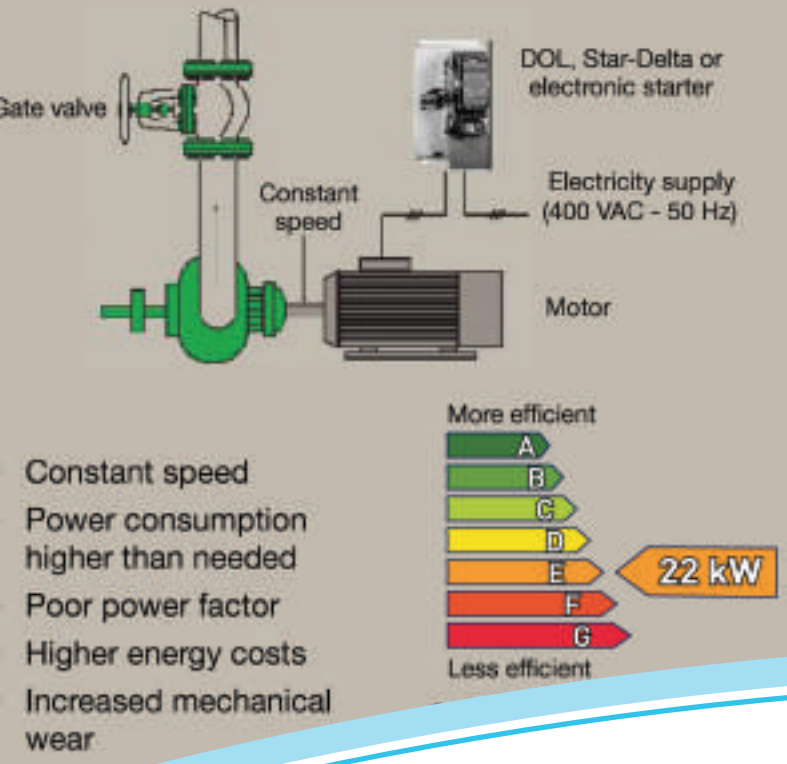
Having mains supply troubles or need to verify your factory complies with G5/4 Harmonic limitations? We have the answer.

Using the latest in power quality measurement instrumentation up to 3,000 Amps per phase, we can verify if you are in breach of EN regulations for power quality by measuring down to the 32nd harmonic. Also, energy saving audits can be carried out providing detailed energy measurements which can be used before and after energy saving projects to measure and validate your savings.

We use Fluke 435 Three-Phase Power Quality & Energy Analyser to help locate, predict and troubleshoot problems with the power quality, both in three-phase and single-phase power distribution systems. This also helps to measure and quantify energy losses that are down to the harmonics and unbalance issues, and this allows the origin of energy waste in the system to be detected and pinpointed.

Our service covers the installation and removal of equipment and the production of graphical interpretations of data collected.





Energy Savings

- > Monitor Energy Demand
- > Implement Energy Saving Schemes
- > Verify Savings

Do you know how much your plant energy bill is?

If you need to monitor your energy usage for an energy efficiency project to determine usage before and after a project, then we can set up our equipment on site and provide a report on all the data you require. We can also hire you our equipment if you are able to set this up yourself.

This data collection is crucial to evaluating energy saving targets and monitoring wasteful processes.



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