BUY ONLINE AT WWW.EDCSCOTLAND.CO.UK OR CALL US ON 0141 812 3222





Authorized value provider



EDC: COMPANY OVERVIEW

Founded in 1996, EDC (Scotland) Ltd remains a family-owned and managed business providing electrical engineering products and support to a range of industries including:

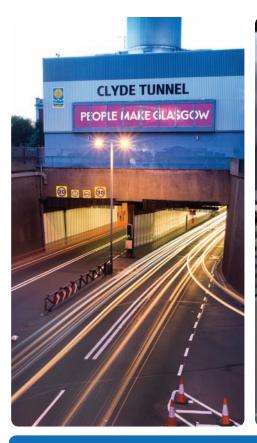
- Water and waste water
- Food & beverage
- Air & fluids handling
- HVAC

- Metals processing and handling
- Energy including renewables
- Chemical /pharmaceutical industries
- Hyrdrocarbon processing

With a product portfolio including: ABB Variable Speed Drives & Motors, ABB Control Gear, Cooper Bussmann, Crouzet & Texa we undertake:

- Harmonic Surveys
- Power Quality Surveys
- Offshore Work
- Drive Care Service Contracts
- Energy Surveys
- Project Management

- VSD training, repair, installation & commissioning
- Control Gear Retrofits
- System Flow Surveys
- Large Motor re-builds up to 20 tons
- Wind Turbine Generator Repairs
- VSD troubleshooting







VARIABLE SPEED DRIVES & MOTORS

ABB VARIABLE SPEED DRIVES

EDC offers a comprehensive level of service to our drive customers including: sales, installation, commissioning, training, repair and on-site servicing. We also offer 'Drive Care' contracts tailored to suit your industry requirements.

As an **ABB Value Added Partner** both new and hire drives up to 500kW are stocked at our Erskine facility ensuring EDC is equipped to respond instantly to your needs. Our dedicated service team can also advise on technical issues, repairs, retro-fits and spare parts for VSDs.

Specialising in low voltage AC drives we can assist with the selection of all drive types including: general purpose, industrial, machinery, industry specific and micro drives. Drives can be delivered, installed, commissioned and set to work for you with the minimal disruption to your production line. We'll also log your parameters - just in case you ever need them again.



- Process Performance Motors
- General Performance Motors
- Hazardous Area Motors

As an **ABB Added Value Provider** EDC offers a range of aluminium & cast iron motors - including ATEX certified motors. Built for a range of applications and specifications, the ABB family of motors sets the standard for the ability to perform reliably, efficiently and continuously under the most challenging circumstances and heavy duty applications.



INSTALLATION & COMMISSIONING

Once you have purchased a VSD, the next important step is the correct installation, programming and commissioning - EDC can assist in all aspects of this including:

- Specialist application advice
- Maximising your energy savings
- Honing your drive philosophy

What do you require from the drive? Where is it to be situated? How will it be operated? What is the application?

EDC prides itself in its ability to provide, install and programme the correct VSD for your application. Payback times can be pre-calculated for all drives purchased and once commissioned, your drive parameters will be stored by EDC; a reassuring fact.



Drives can be inspected and repaired on site by engineers who are fully conversant with all ABB drive ranges including the GME, SAMI, ACS 55, 150, 300, 310, 350, 355, 400, 550, 580, 600, 800, 810 and 880 series. All repairs carry a 12 month warranty and are carried out using ABB branded spares.

WORKSHOP & ON SITE REPAIR

EDC's dedicated workshop provides comprehensive repair facilities where VSDs can be bench tested, a motor load applied and problems diagnosed and repaired.

And as EDC holds a range of the most common ABB spares in stock, you can be assured that we can turn around your VSD repair in the fastest possible time.

TECHNICAL SUPPORT





LIFECYCLE SERVICES



RETROFITS, HARMONIC, ENERGY & POWER QUALITY SURVEYS

Allow EDC's fully qualified engineers to drive your business forward by minimizing down-time and identifying how further energy savings can be made.

SERVICES INCLUDE:

ENERGY SURVEYS

These can: reduce your energy consumption, improve efficiency, extend the life of your equipment, lower energy bills and reduce your carbon footprint.

HARMONIC SURVEYS

Have your site harmonics analyzed and a site report issued - plus suggestions for reducing harmonics issues and operating costs whilst extending the life of your machinery.

POWER QUALITY & FLOW SURVEYS

Identify problems at an early stage before damage is done to plant & machinery - causing expensive down time.



RETROFITS





WHY RETROFIT?

- Modernise your switch-gear but keep your existing dimensions
- Reduce CAPEX and OPEX costs
- Minimise down-time & adhere to safety regulations
- Keep loss of production to a minimum
- Avoid the cost of changing your existing control gear structure
- Benefit from new technology with a reworked panel at a fraction of the cost of a new build
- Reduce energy consumption



PRODUCTS: COMPLEMENTARY SERVICES

DRIVE CARE SERVICE CONTRACTS

When a VSD is critical to your operation, DriveCare offers the reassurance of having competent engineers to hand. Designed to prevent down-time, DriveCare is a programme of planned, preventative maintenance.

With scheduled maintenance intervals your drive will be serviced and consumables replaced, allowing optimal performance and maximum energy savings.

Proven results show it is one of the most beneficial contracts you will ever take out.

BENEFITS OF DRIVE CARE:

- Customised Care Packages
- Recommendation Reports
- Minimised Downtime
- Parameter Records taken and stored
- 'Warm' VSDs held on or off site ready should you need a replacement unit.
- Engineer support, on-site or remote





Training in VSD operation and functionality empowers your employees. Minor problems can be rectified immediately and your drive performance will be optimised. EDC offers full and half day courses - fully tailored to your requirements.

HIRE DRIVES

UP TO 500kW

PRODUCTION CRITICAL?

- In an emergency a hire drive can be on site and programmed in a matter of hours.
- Ideal solution to 'try before you buy' prove your energy savings
- Free up capital from your budgets





ABB AUTOMATION & PROCESS CONTROL



HIRE DRIVES CONTINUED

- Flying leads can be supplied with the drives.
- Nationwide delivery and collection if required.
- A large fleet ex stock from 2.2 500kW which can be pre-programmed.
- On site commissioning & installation.
- The reassurance of technical support from our engineers.

EDC FOR ELECTRICAL ACCESSORIES

As well as variable speed drives and motors, EDC can supply associated electrical products such as: fuses, circuit breakers, and PLCs. Our switch-gear range includes:

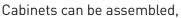
- Contactors
- Overloads
- MCBs
- Power Supplies
- Enclosures
- Timers

- Softstarts
- Relays
- Cabinet fans
- MCCBs
- Fuse Switches
- Pushbuttons

EDC FOR ELECTRICAL CONTRACTING

EDC offers a complete system build solution, including installation and commissioning.

Well-versed in all aspects of both cabinet assembly and panel assembly, EDC is a leading supplier of ABB control gear to industrial markets. As such we can supply, design, retrofit and install VSD cabinets to your exact requirements.



the VSDs programmed as per your drive philosophy and the enclosures fully fitted on site.

Contact us to find out how we can design or refit your panels to suit both your current and future requirements.



Your single source of supply for fast, friendly, knowledgeable service.











ELECTRONIC DRIVES & CONTROLS

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CALL: 0141 812 3222

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EMAIL: sales@edcscotland.co.uk



FAX: 0141 812 7023



BUY ONLINE: www.edcscotland.co.uk





