

Bespoke Solutions in Mechanical Fabrication and Electrical Engineering

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Your Trusted Contractor since 2011



About Owben.



"To drive the UK economy and its international reputation through high-quality engineering and supply chain services."

At Owben, we bring together over 100 years of combined Directorlevel experience to deliver high-quality, tailored engineering solutions. Whether acting as a full turnkey provider, a build-toorder specialist, or a reliable subcontractor, we apply deep industry knowledge to every project we undertake.

Founded in 2011 as a small, family-run business, Owben has grown into a trusted name in electrical and mechanical engineering across the UK and beyond. From our 12,000-square-foot facility in Sunderland at the heart of the North East's advanced manufacturing sector we offer expert mechanical installation, precision fabrication, and commercial and industrial electrical services to some of the world's leading brands.

While our capabilities have expanded significantly, we've proudly maintained the close-knit, family-oriented culture that defines us. Our permanent workforce includes several family members working side by side, just as they did in the beginning.

At the core of our company is a passion for innovation, quality, and

customer satisfaction. We are committed to nurturing our team's growth, supporting the next generation through our thriving apprenticeship programme, and upholding the highest standards in every aspect of our work.



Services.

Upgrading old infrastructure and guiding you through factory updates, we help streamline your production line and increase efficiency.

We deliver a range of bespoke proactive and reactive electrical, and mechanical services whether that's a full-turnkey, build-to-order or sub-contracting package.



Mechanical Installation and Fabrication

At Owben, we specialise in delivering bespoke mechanical installation and fabrication solutions tailored to meet the unique needs of each client. Our highly skilled inhouse team is qualified to EN 1090 Execution Class 2 standards and ISO 9001 certified, ensuring every project is completed with precision, quality, and reliability. From your initial enquiry to project completion, we offer seamless project management and expert craftsmanship at every stage.

- Site, assemble, and modify projects
- Installation of facilities
- Strip out/relocation
- Pipework, mild and stainless steels, copper, PVC and ABS
- Installations of material handling systems
- Mezzanine flooring and platforms
- Structural steelwork
- Access ways
- Hand railing
- Stillages
- Safety fences and guarding
- All aspects of welding



Commercial and Industrial Electrical Installation

At Owben, we deliver expert commercial and industrial electrical installation services with efficiency, flexibility, and minimal disruption to your operations. Our permanent team of trusted professionals ensures seamless execution, whether it's a new installation, system upgrade, or ongoing maintenance.

- · Panel build and design
- DB upgrades and renewals
- · Automation of facilitie
- Installation & Maintenance
- Wiring for Machines & Plant
- Cable Management
- Lighting Design
- Strip-Out & Relocation

- Inspection & Testing
- Complete Control Systems
- PLC Installations
- · Integrated Safety Systems
- Fortress Systems
- Starter & Motor Control Panels
- AGV Control Panels





Facility Installations & Restorations

At Owben, we specialise in high-quality commercial and industrial facility installations and restorations, ensuring your space is both functional and efficient. Our experienced team delivers tailored solutions with minimal disruption to your operations, whether you need a full renovation or targeted improvements.

- Commercial Renovations
- Rest Areas
- Layout & Partitions
- Kitchens
- EV Charging Stations

- Office & Workplace Upgrades
- · Sustainable Lighting Solutions
- Acoustic & Soundproofing Solutions
- Smart Building Integrations

Testimonials.



Owben delivered a bespoke press condition monitoring system that has significantly reduced downtime at our Sunderland plant by detecting potential failures early in the cycle. Their innovative approach and seamless integration of hardware and software have set a new standard for our press operations across Nissan.

Senior Maintenance Manager, NMUK





Their expertise in both electrical and mechanical installations is second to none. Every project they've completed for us has been done to the highest standards, with flawless execution and attention to detail. What sets them apart even further is their commitment to ongoing support. Their service contracts have been invaluable in ensuring we remain fully compliant with all relevant regulations and standards.

Facilities Engineer, NMUK



Projects.

We take pride in collaborating with a wide range of global clients, spanning from large manufacturers to smaller organisations.

While we maintain confidentiality with some, here's a chosen group of companies that partner with us for their engineering requirements.













Bartec Auto Tyre Pressure Monitoring

Owben designed and delivered customised tyre pressure monitoring systems for Bartec Auto across multiple countries. Each solution met local regulations, wiring standards, and factory integration needs. From complex multi-IO systems to US wiring compliance, Owben managed design, testing, and international installation, demonstrating technical agility and a deep understanding of global engineering requirements.



Cromex Tank Farm

Owben was commissioned to design and install a custom control system for Nissan Europe's new fluid tank farm. Replacing manual forklift deliveries, the modular Siemens-based system enabled safe, automated distribution of nine fluids via a networked control panel. The project overcame complex integration challenges, delivering improved safety, reduced costs, and increased efficiency through bulk storage and intelligent fluid management.



Nissan Motor Corporation

Owben developed a bespoke condition monitoring system for Nissan's Sunderland press shop to reduce costly downtime. The system detects early failures in bearings, pumps, and filters using advanced sensors and IO-Link integration. Custom software tracks historical trends, and the modular design now serves as a template for global deployment across Nissan press lines.

Accreditations.



Owben is committed to excellence in the quality and safety of their work, and has a number of accreditations to demonstrate this.

Our team are extensively trained, often qualified or certified, and are committed to the various accreditations we have achieved in order to ensure excellence in the quality and safety of their work. Our accreditations are recognised world-wide and are updated in line with their requirements.













Our team.

Established in 2011 as a small family-run business, we've grown over the years earning a reputation as a quality provider of bespoke electrical and mechanical engineering whilst maintaining the family-feel aspect of our business.



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