



Unipart Dorman

Intelligent Engineering
Unique People
Working Together

UNIPART
DORMAN

Our Essence

The key to developing products the market requires is engineering excellence. Whether in design, testing or manufacturing; we utilise the latest techniques, unique people and over 130 years of experience in meeting the customer need.

That however, isn't where we stop. We drive down cost whilst increasing safety and performance, this is underpinned by knowing that we have our part to play in protecting the environment for future generations.

As a company we work tirelessly to achieve these goals.

We are respected in the Rail and Road communities because we have built upon our success by striving to continuously improve. We pioneered the use of LED in transportation, first in Road Hazard Lamps and then in the world's first LED Mainline Railway Signals.

We differ from our competitors because we have retained the business values that were established in the late 1800s but honed them into a business unit more than capable of embracing the challenges of the 21st Century. We take great pride in inviting customers to Unipart Dorman demonstrating our projects, sharing our experiences and jointly developing new initiatives.

Collaboration is one of our strengths. The smallest customer to multi-national blue chip companies all benefit from a comprehensive needs mapping process which is consolidated by delivery of regular updates.

We work hard to develop partnerships which ensure the customer requirements are satisfied on time and on budget. We can call upon the whole of the Unipart Group's resource and this includes embracing Unipart Way Lean Tools and Techniques, which allow us to constantly challenge and continuously improve.





Our Values

Quality By Design

We have an experienced team of Electronic and Mechanical Design Engineers with the expertise and tools to support a highly skilled manufacturing facility, who are committed to our philosophy of design and production excellence.

Proven Reliability

We use only the best quality parts, comprehensive 'Mean Time Between Failure' analysis and ISO 9000 quality assurance systems to guarantee our products continue to perform.

Outstanding Performance

We know that our products are used in the harshest of environments and work tirelessly to ensure that the design is robust enough to handle the toughest of conditions. We know that maintaining the safety of road and rail users is paramount.

Safety First

Our record in producing safety critical products is second to none in Road and Rail. SynchroGUIDE has significantly increased safety at roadworks and the Integrated Lightweight Signal completely removes working at height risks for railway signalling staff.

Working Together is Better

We actively engage with our customers and supply chain partners from concept to production and beyond to guarantee the best experience.

The Relationship Continues After Delivery

We have an outstanding customer support team that ensures we provide the high level of on-site technical support, product training and after-sales service our clients expect and more.





Skilled in Design

Unipart Dorman has a well established team of Design Engineers excelling in Electronic, Mechanical and Optical Design disciplines.

They use the latest in Computer Aided Design packages to develop solutions to customer needs, firstly into 3D Virtual Reality Models and then into fully functioning prototypes using techniques such as CNC machining and 3D printing. This means that expensive outsourcing is virtually eliminated and there is no time delay in getting high quality pre-production items to the customer.

The Application Development Team engages with the customer from the initial approach through to product approval and introduction to service.

An effective customer/supplier relationship is established allowing product development to be a true collaboration. Suggestions for improvement can be generated by all parties and rapidly incorporated by the Design Team throughout the whole product development process.

Skilled in Partnerships

Whether we are designing new products for a specific application, or developing new concepts for global sectors with market development partners, we are always exploring different approaches and new ideas to deliver genuine customers safety benefits.

Unique People Delivering Intelligent Design

Accreditation and Associations

The company holds a quality management system certificate to ISO 9001:2008, and is a member of British Standards Institute (BSi).

We proudly carry endorsements from the following bodies:

- AREMA
- UL Underwriters Laboratories
- BiTC
- IPC Soldering Standards
- Investor in People
- RISQS

Association Memberships:

- ATSSA
- RSSI
- REMA
- IRSE
- RIA



Railway Industry Association



Retroreflective Equipment Manufacturers Association



Transportation Infrastructure

Traffic

Unipart Dorman has been actively involved in the road infrastructure (work-zones) sector since the late sixties.

The company is recognised as a sector leading pacesetter in development and our products have been acknowledged as the industry benchmark across traffic management disciplines.

A comprehensive range of road safety traffic calming and management products has been specifically developed to provide a clear hazard warning alert and promote improved driving practices, which reduce incidents or fatalities of the road user and maintenance worker.

From an LED steady or flashing road hazard warning lamp to a Vehicle Activated Sign (VAS), our traffic product range is utilised extensively across urban and highway infrastructures that span the globe. This is coupled with experience that only comes with producing and supplying millions of road safety products into the industry, meaning that we are the complete traffic safety solution partner to supply your traffic infrastructure needs.



Applying reliable safety benefits in the...

...infrastructure

Delivering a clear and advanced warning to vehicle drivers of a temporary road hazard on high speed and/or urban road infrastructures is a key objective of Traffic Management service providers; their intent is to positively influence driver behaviour to reduce incidents and/or fatalities in highway work zones.

Whether achieved by the utilisation of our market leading synchronised lamps on a work zone taper, or the benchmark industry standard hazard warning lamp used in the actual work area, our traffic management range creates a safer environment for both road user and worker alike.

...community

Making roads safer in local communities is the prime focus and driver behind our range of pedestrian safety portfolio including our Vehicle Activated Signs and Safer Routes to Schools products.

When deployed in school zones or urban areas they progressively contribute to traffic calming initiatives designed to reduce vehicle speeds and/or alert vehicle drivers to the possible presence of vulnerable pedestrians in the road ahead.

...workplace

Companies have a legal and moral obligation to provide safe environments and failure to implement appropriate preventative health and safety procedures may expose organisations to a significant litigation threat with financial liabilities. Enterprises with business and commercial sites need to manage on-site vehicles to ensure compliance with safety procedures.

The deployment of driver feedback devices and/or the distribution centre driver control indicator for heavy goods delivery vehicles achieves effective site vehicle management.

Our vehicle beacon and utility ranges are key for the identification of dangerous hazards at mobile work zones.

Rail

Unipart Dorman is at the forefront and heart of the introduction of LED technology to the railway signalling sector.

As a prime supplier to major rail network operators we have many years of experience and know-how in developing rail product and application solutions; these competences have been used as a spring board into international markets working with major players across rail sectors.

As the UK's largest designer and manufacturer of high reliability LED products to the rail industry we offer an extensive range of infrastructure signals, track/train maintenance safety products and train borne lights.

Enhancement of rail users' safety is paramount and a critical differentiating success factor for the company when developing products; our safety and reliability credentials come from over 90,000 installed LED light sources with zero field failures.



...infrastructure

Operating a cost effective and sustainable rail network is a key objective of business leaders; safety is paramount and will not be compromised to save cost. Our teams align product infrastructure cost benefits with reliability and performance.

LED signal technology offers unrivalled cost-to-reliability ratios and delivers significantly improved safety performance at an optimum total ownership cost compared to traditional filament lamp signal systems. In utilising LED technology across our range of trackside signals and route indicators we offer the rail operator an economical solution with peace-of-mind that comes from our quality and sector experience credentials.

...workplace

A major concern for global rail operating companies is the establishment and protection of safe work zones on the rail track permitting maintenance schedules to be undertaken.

Ensuring that the highest safety levels are achieved we offer a series of track safety warning products (Signal Handlamps, Possession Limit Board, Marker Board, Flagging Lantern) to assist in the safe identification and protection of work zones and personnel. Our award winning designs include solutions to reduce work zone risks, these include removing working at height risks and reducing the time required in the danger zone.

...future

The Network continuously demands increased efficiency and safety whilst driving down cost.

The Unipart Dorman Integrated Lightweight Signal (iLS) meets these challenges by using materials not previously seen in railway signalling which make it light enough to dispense with expensive structures, but strong enough to withstand the harshest of conditions. This new technology allied with advanced optics has produced a signal which delivers outstanding performance coupled to exceptional efficiency. The iLS range adapts easily to any project by virtue of its wide range of base, post, lamp proving and aspect display combinations.

About Unipart

Unipart delivers logistics, product, manufacturing and service solutions to a huge range of global players in many diverse markets.

With operations across the world, the resources and reach of the business supports Unipart Dorman in being active in many different countries - bringing creative thinking to our market sectors.

At the heart of our culture is The Unipart Way, our company philosophy.

Walk into any Unipart global facility and the difference is clear. In every aspect of our business, teams of people are using a consistent, integrated Lean toolkit aligned within The Unipart Way culture that empowers them to deliver more for their customers.

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