Sustainability Statement - Hilton Docker Mouldings Ltd

At **Hilton Docker Mouldings Ltd**, we are committed to supporting the decarbonisation of the transport sector through sustainable manufacturing of advanced Glass Reinforced Plastic (GRP) components for commercial vehicles and a variety of other industries. Our solutions are designed to save fuel, reduce emissions, reduce carbon, extend vehicle life, and improve operational efficiency which in turn also supports fleet operators in meeting their goals of environmental performance and commercial viability.

Our Approach to Sustainability

1. Aerodynamics for Fuel Savings, Engine Efficiency and Carbon Reduction

Aerodynamic drag is one of the largest contributors to fuel use, carbon emissions and vehicle wear. Our GRP based aerodynamic components including roof deflectors, side skirts and back ends are engineered for both performance and sustainability including:

- **Potential Fuel savings of 5% – 17%** depending on vehicle configurations.
- GRP allows for precise shaping and smooth surfaces, hence we can **optimise airflow** without adding significant weight.
- Improving aerodynamics and reducing vehicle weight is a proven strategy for **lowering fuel consumption** and improving efficiency.
- **CO_2 reductions** of a several tonnes per vehicle per year, depending on usage profile.
- Smoother airflow reduces resistance, decreasing engine workload and leading to **lower engine wear and maintenance** demands and **longer vehicle lifespans.**

2. Cleaner Manufacturing Processes

We are committed to minimising the environmental footprint of our operations through:

- Continually improving our process efficiency and reducing energy consumption
- The use of Environmentally Friendly resins.
- Using **Bio resins** which offer a more sustainable solution, being biodegradable, compostable, and made from renewable sources.
- The use of **rPET resins** which contain 20% recycled products. ***Interesting Fact*** - every 1000 litre IBC of resin contains 8,172 plastic bottles, which have been diverted from landfill or our oceans, or to put it another way, 147 Kg of every 1000 Kg of resin is made up from recycled bottles.
- For the small % of production where rPET or Bio resins cannot be used, we ensure we use resins with **low VOC content** to minimise emissions.
- Eliminating the use of Acetone as the main cleaning medium and replacing with **environmentally friendly** alternatives.
- Designing our tooling to ensure minimal trim waste
- We are investing in the use of renewable energy systems at our facilities.

As part of our continuous improvement process, we track key environmental metrics and invest in cleaner, more efficient technologies.

3. Durable, Long-Life Components

Our GRP parts are designed to withstand corrosion, UV exposure, vibration, and heavy-duty use, making them ideal for the rigors of commercial transport. Their long service life contributes to:

- Fewer part replacements over the life of the vehicle and **low cost of ownership.**
- Less material waste and lower embedded carbon from manufacturing
- Enhanced **vehicle uptime** and **reduced maintenance**, further improving fuel efficiency and reducing emissions associated with downtime or early replacement.

4. Material Innovation and Lifecycle Optimisation

- We continuously research the market to search for resins with **lower embodied carbon and increased lifecycles**
- We are partnering with universities, supporting research into composite recycling technologies

Our long term aim is to offer GRP products with lower full lifecycle emissions while maintaining industry leading durability and performance.

5. End of Life and Recycling Initiatives

Recognising the recyclability challenge of composites, we are:

- Using a waste recycling partner who typically **recycles 98 % to 100%** of our waste and is continually accelerating the usage of **waste to energy.**
- Evaluating mechanical and chemical recovery technologies
- Supporting component reuse and repurposing applications
- Designing products with disassembly and recyclability in mind

6. Compliance, ESG, and Transparency

We operate in accordance with global environmental standards and are aligned with the following frameworks:

- ISO 9001: Quality Management Systems
- REACH and RoHS material safety standards.
- ESG disclosure requirements, requested by our clients and regulatory stakeholders.

We strive to provide transparent, credible and data-driven sustainability reporting.

Our Vision for a Decarbonised Commercial Transport Sector

At **Hilton Docker Mouldings Ltd**, we see the future of commercial transport as more aerodynamic, lighter, cleaner, and more efficient. Through our advanced GRP solutions, we help clients:

- **Reduce vehicle aerodynamic drag and weight.**
- **Cut carbon emissions across the vehicle lifecycle.**
- **Lower engine load and wear**, increasing longevity and reducing resource use
- **Support the transition to low and zero-emission** the core of our business, we will continue to deliver material solutions that drive both environmental and economic performance, today and into the future.
- **Reduce costs and increase profits.**