

Net Zero Commitment

At VES we recognise the importance of reducing the environmental impact of our manufacturing operations and supporting the transition toward a lower-carbon economy.

As a UK manufacturer, we understand that industrial activity, material usage, and transport will continue to carry some level of embodied carbon. Our approach is therefore focused on practical, measurable reductions in direct operational emissions, energy consumption, waste generation, and fossil fuel dependency while maintaining product quality, operational resilience, and long-term commercial sustainability.

VES is committed to achieving Net Zero direct operational emissions by 2035, subject to ongoing technological and commercial feasibility within the manufacturing sector.

Our strategy focuses on:

- Reducing overall energy demand across all manufacturing sites
- Transitioning away from fossil fuel heating systems
- Improving manufacturing efficiency and material utilisation
- Expanding the use of renewable energy generation
- Reducing transport-related emissions
- Minimising waste and maintaining zero waste to landfill
- Supporting responsible sourcing and lower embodied carbon materials where practical
- Continuing to develop and supply energy-efficient ventilation and heat recovery solutions

VES currently procures 100% renewable electricity across all operational sites and is progressing plans for onsite photovoltaic (PV) generation as part of its long-term energy resilience and decarbonisation strategy.

The business operates across three UK facilities totalling with more than 75,000 sq. ft of manufacturing space and continues to invest in operational improvements including fleet transition, energy monitoring, waste reduction, and heating system upgrades. Over recent financial years, VES has also invested significantly in new manufacturing equipment, automation, and advanced laser cutting technology designed to improve production efficiency, reduce material waste, and support long-term operational sustainability. Planned projects include the replacement of gas-fired office heating systems with heat pump technology from 2027 onwards.

VES also supports customers on their pathway to Net Zero through refurbishment and upgrade projects aimed at improving the efficiency and operational performance of existing HVAC systems, including the adoption of lower-carbon heating technologies and improved heat recovery solutions where practical.

VES recognises that a significant proportion of manufacturing-related carbon emissions exist within the wider supply chain through the embodied carbon associated with steel, aluminium, coatings, purchased components, and logistics. While these emissions cannot currently be fully eliminated, VES will continue to improve material utilisation, reduce waste and rework, and work with suppliers to support responsible sourcing and lower-carbon alternatives where technically and commercially practical.

Environmental performance is monitored through defined KPI reporting, management review processes, and continual improvement activities aligned with ISO 14001 environmental management principles.

Signed:



Jed Atack, Associate Engineering Director

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