



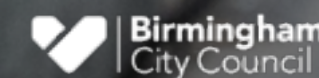
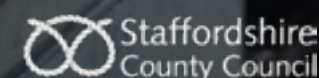
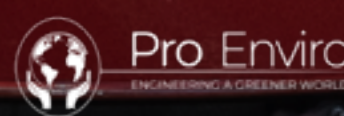
 **Funded by
UK Government**

 **Business Growth
West Midlands**

Ramsden & Whale drums up significant energy and cost reductions

BEAS
Business Energy Advice Service

 **Aston University**
BIRMINGHAM UK



£85,350

Estimated annual saving*
(£ exc. VAT/yr)



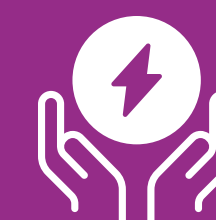
£430,600

**Estimated cost to
implement***
(£ exc. VAT)



4.5 Years

**Estimated payback
period***



616,050 kWh

**Estimated annual
energy saving***
(kWh/yr)



120.12 tCO₂e

**Estimated annual
carbon saving***
(tCO₂e/yr)

*based upon full assessment report implementation



A steel legacy since 1954

Founded in 1954, Ramsden & Whale is a family-owned specialist in steel drum reconditioning and manufacturing, based in the West Midlands. The company expertly serves critical sectors such as oil, chemical, and paint, providing tailored drum solutions ranging from small niche orders to large industrial requirements. Known for adaptability and bespoke service, Ramsden & Whale continues to build upon a reputation of trust, reliability, and quality.



“The Business Energy Advice Service and the support from Pro Enviro have fundamentally reshaped our energy efficiency approach. These upgrades ensure our continued competitiveness, environmental responsibility, and sustainable innovation for future generations.”

Dawn Richardson

Director, Ramsden & Whale

Stamping out energy waste: Comprehensive audit and strategic upgrades

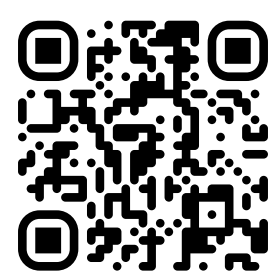
Ramsden & Whale faced escalating energy costs in recent years, significantly affecting profitability and market competitiveness. Ageing equipment, including outdated boilers and fixed speed drive compressor, heightened energy inefficiencies, necessitating urgent strategic intervention. Collaborating with energy efficiency experts Pro Enviro through the Decarbonisation Net Zero programme, Ramsden & Whale undertook a detailed on-site audit.

Pro Enviro identified key areas for improvement, recommending upgrades to modern steam generators, variable speed drive (VSD) compressor, energy-efficient LED lighting, optimised burner efficiency, air leak repairs, and automated PVC curtains for heat retention.

Strengthening margins and driving growth

Implementing Pro Enviro's recommendations, Ramsden & Whale quickly achieved measurable benefits. Immediate behavioural changes significantly reduced energy waste at minimal cost. Major equipment investments, including advanced steam generators and compressors, are projected to save around £85,000 annually and reduce carbon emissions by approximately 120 tonnes. These improvements have also enhanced workplace conditions and reduced equipment downtime, increasing overall productivity.

The company is investing nearly £400,000 into these energy efficiency measures, supported by a £100,000 grant from Birmingham City Council. These financial savings are enabling Ramsden & Whale to reinvest in further sustainable initiatives, including solar panel installations, improved client branding, and expansion into new markets.



**Register today for
your FREE business
energy assessment**

✉ decarb@aston.ac.uk bit.ly/BEAS-RegisterNow

