

Excellence in Galvanizing

WEDGE



GALVANIZING: A SUSTAINABLE SOLUTION

Wedge Group Galvanizing Ltd



GALVANIZING & THE CIRCULAR ECONOMY



WHAT MAKES GALVANIZING SUSTAINABLE

Galvanizing: The Sustainable Solution

Hot dip galvanizing is the sustainable solution – both in its functionality and through the process itself.

Thanks to its durable and versatile functions, steel is one of the most commonly used materials in a number of industries, from construction and rail to agriculture and art.

But it's estimated that one tonne of steel turns to rust every 90 seconds.

Industries are in need of a finish that is flexible, tough, and offers complete protection. So with steel's inherently corrosive nature, a suitable coating must be selected to ensure it stands the test of time.



Minimal Waste

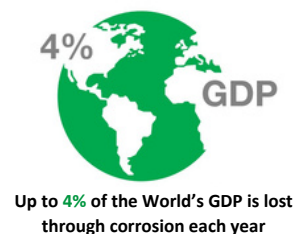
Unlike other protective coatings, the galvanizing process itself results in minimal waste. Any unused zinc that remains in the galvanizing bath can be reused and recycled again and again, without causing any loss of its physical or chemical properties, impacting quality, or affecting the overall results.

Longevity

Galvanizing boasts longevity and can last more than 70 years without any maintenance, replacement, or associated downtime. This also means that the overall lifecycle cost is low, making it both a cost-effective and eco-friendly solution.

Recyclable

Once the galvanized item has come to its end of life, it can easily be recycled with scrap steel – or the original coating removed, the steel re-galvanized, and reused elsewhere.



OUR COMMITMENT TO SUSTAINABILITY

Triple Bottom Line

Wedge Group Galvanizing is dedicated to making long-term decisions and investments to seek sustainable solutions, and to supporting their local community and the people within it.

A “Futures Team” has been established, consisting of representatives from across their 14 plants, who regularly meet to discuss how they can advance their sustainability efforts and communicate these across the Group.

Wedge Group Galvanizing have established a Sustainability Commitment. It boasts a triple bottom line: focused on **People**, **Planet**, and **Profits**.

Passionate about giving back. Firstly, to their employees - Wedge Group Galvanizing strive to care for every aspect of their wellbeing to ensure they stay well, motivated, and supported. They aim to achieve this through numerous employee benefits.

Empowered to do good, the company regularly donates to or supports their community through charitable events.

Activities have included:

- A plethora of local sports clubs and teams receiving sponsorship.



- A 10-year sponsorship (in 2019) of a teaching space at the University of Wolverhampton’s new £45million School of Built Environment and Architecture.
- Peterborough-based plant, East Anglian Galvanizing has just begun a ten-year sponsorship of the Greenfield Sport Pavilion with Sawtry Parish Council.

Wedge Group Galvanizing is wholly dedicated to this long term commitment, ensuring they continue work collaboratively for a greener tomorrow, and that their people remain at the very heart of everything they do.

Our Carbon Reduction Journey

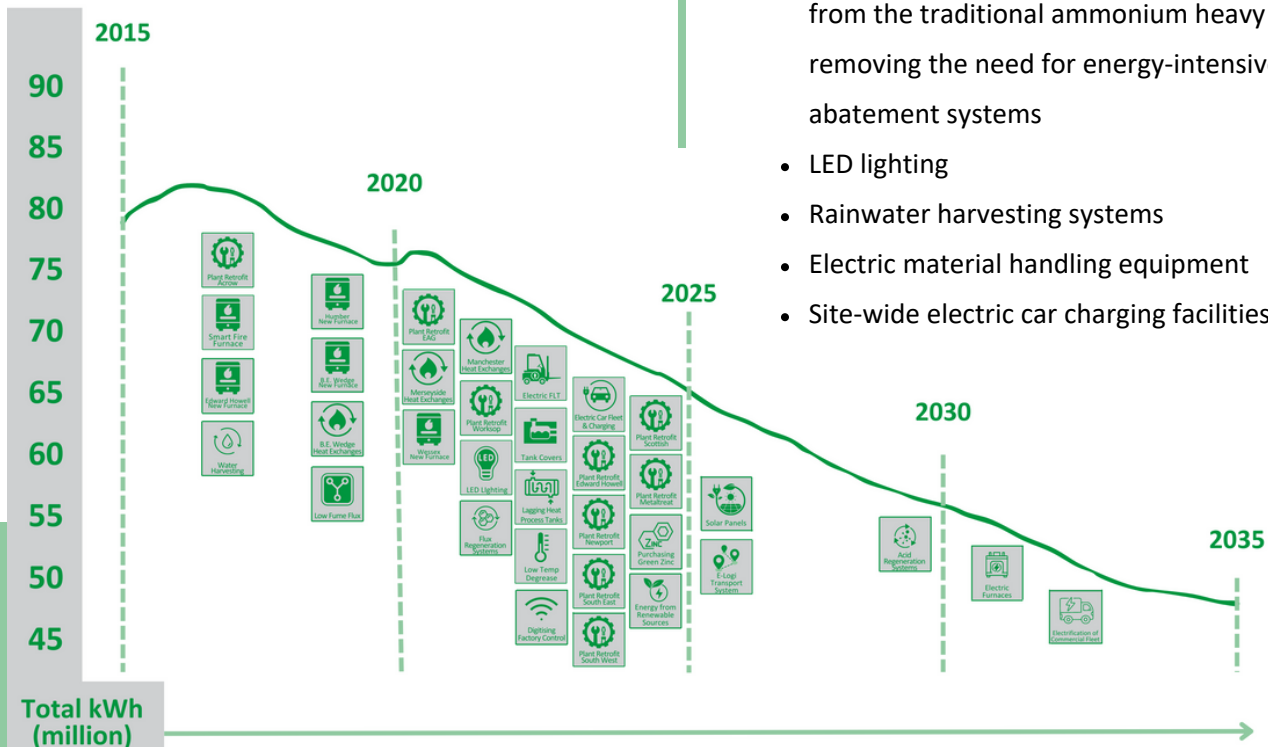
Wedge Group Galvanizing is on a carbon reduction journey towards net zero.

The company was the first company to implement **Smart Firing by Hasco-Thermic**. Smart-fire furnaces reduce energy usage and extend the lifespan of the kettles by transitioning collective burner control to independent regulation, which has an average **15% saving** on gas use and a significant reduction in carbon emissions.

Heat exchangers transferring waste heat back into the galvanizing process have been installed, tanks have been lagged to retain heat, and low-temperature degreasers work just as productively with an innovative chemical which requires much lower temperatures.

Other significant investments have been made, and processes introduced, including:

- Low fume flux technology to remove particulates from the traditional ammonium heavy fluxes removing the need for energy-intensive bag house abatement systems
- LED lighting
- Rainwater harvesting systems
- Electric material handling equipment
- Site-wide electric car charging facilities.



ABOUT US

Our Services

- ✓ Collection and Delivery Service
- ✓ 24-hour Turnaround on Request
- ✓ Spin Galvanizing
- ✓ Unrivalled Customer Service
- ✓ Technical Advice

Lead & Chromium Trioxide Free

We were the first UK galvanizer to be Lead and Chromium Trioxide free.

Largest Galvanizing Bath in the UK

Based in Worksop, Nottinghamshire, Worksop Galvanizing has the largest galvanizing bath in the UK at 21m long, meaning that steel lengths of up to 29m can be galvanized (double dipped).

Spin Galvanizing Specialists

Our plant, B.E. Wedge Ltd are specialists in centrifuge galvanizing of small parts including threaded fasteners up to 2m long. We can also galvanize all types of cast iron.



Customer Promise

We understand that customer satisfaction is paramount to success and in ensuring we maintain our reputation for both quality and care.

We promise:

- Flexible commitment to our customers needs.
- Excellent in product and service quality consistently delivered.
- Regularly seek customer views to further improve the overall experience.

Quality Unrivalled

All work undertaken is hot-dip galvanized strictly in accordance with EN ISO 1461 and under the control of ISO 9001.

WHERE WE ARE BASED

Wedge Group Galvanizing are the largest hot-dip galvanizing organisation in the UK with a history dating back over 155 years.

With 14 plants strategically placed across the country, we offer a truly national galvanizing service.

Our plants are designed and equipped to set industry-leading standards for sustainability and low environmental impact.

Use the QR code below to find the plant closest to you.



MEMBER OF
**Galvanizers
Association**



Acrow Galvanizing Ltd

14 Piperell Way, Haverhill, Suffolk, CB9 8PH
Tel: 01799 522219 Email: acrow@wggltd.co.uk
Bath Size: 5m x 1.1m x 3.2m

B. E. Wedge Ltd

Stafford Street, Willenhall, West Midlands, WV13 1RZ
Tel: 01902 630311 Email: wedge@wggltd.co.uk
Bath Size: 7.62m x 1.22m x 2m
(Centrifuge Galvanizing Specialist)

East Anglian Galvanizing Ltd

Old North Road, Sawtry, Cambridgeshire, PE28 5XN
Tel: 01487 833160 Email: east.anglian@wggltd.co.uk
Bath Size: 8m x 1.3m x 3.1m

Edward Howell Galvanizers Ltd

Watery Lane, Wednesfield, West Midlands, WV13 3SU
Tel: 01902 637463 Email: edward.howell@wggltd.co.uk
Bath Size 1: 10m x 1m x 2.4m
Bath Size 2: 4m x 1.3m x 3m

Humber Galvanizing Ltd

Unit J, Citadel Trading Park, Hull, HU9 1TQ
Tel: 01482 322466 Email: humber@wggltd.co.uk
Bath Size: 7.5m x 1.05m x 2.5m

Manchester Galvanizing Ltd

Green Lane, Heywood, Lancashire, OL10 2DY
Tel: 01706 366191 Email: manchester@wggltd.co.uk
Bath Size: 10m x 1.4m x 2.9m

Merseyside Galvanizing Ltd

Blackburne Street, Garston, Merseyside, L19 8JA
Tel: 0151 427 1449 Email: merseyside@wggltd.co.uk
Bath Size: 6.2m x 1m x 2.4m

Metaltreat Galvanizers

Metaltreat House, Canal Road, Bradford,
West Yorkshire, BD2 1AN
Tel: 01274 221500 Email: metaltreat@wggltd.co.uk
Bath Size: 6m x 1.1m x 2.5m

Newport Galvanizers Ltd

Llanwern Works, Newport, Gwent, NP19 4QX
Tel: 01633 277400 Email: newport@wggltd.co.uk
Bath Size: 6.8m x 1.1m x 3.5m

Scottish Galvanizers Ltd

MacLellan Street, Glasgow, G41 1RR
Tel: 0141 427 3041 Email: scottish@wggltd.co.uk
Bath Size: 14.2m x 1.1m x 2.9m

South East Galvanizers Ltd

Crittall Road, Witham, Essex, CM8 3DR
Tel: 01376 501501 Email: south.east@wggltd.co.uk
Bath Size: 10m x 1.5m x 2.9m

South West Galvanizers Ltd

Marsh End, Lords Meadow Industrial Estate,
Crediton, Devon, EX17 1DN
Tel: 01363 774574 Email: south.west@wggltd.co.uk
Bath Size: 10m x 1m x 2.1m

Wessex Galvanizers Ltd

Tower Industrial Estate, Tower Lane,
Eastleigh, Hampshire, SO50 6NZ
Tel: 02380 629952 Email: wessex@wggltd.co.uk
Bath Size: 7m x 1m x 2.7m

Worksop Galvanizing Ltd

Claylands Avenue, Worksop, Nottinghamshire, S81 7BQ
Tel: 01909 486384 Email: worksop@wggltd.co.uk
Bath Size: 20.5m x 1.35m x 2.4m
(Longest Galvanizing Bath in the UK)