



HASCO SMART FIRING™ THE REAL RESULTS



World Leaders
in Galvanizing Plant
for Half a Century

HASCO SMART FIRING™

THE REAL RESULTS

Hasco Smart Firing technology is a retrofittable system, carefully designed using the latest data and analytical techniques to reduce energy consumption and emissions. Whilst also intelligently supplying heat according to the real-time working conditions of your furnace. Not only can it save you time, money, and energy but it can also extend the lifespan of kettles and heat exchangers by transitioning collective burner control to independent regulation.

WHY CHOOSE SMART FIRING?

- Optimised performance and thermal efficiency
- Intelligent control system
- Energy saving
- Prolonged lifespan of kettle and heat exchanger
- Reduced zinc consumption
- Improved quality
- Minimised costs, waste, and maintenance
- Limited impact on production operations during upgrade (approx. six to 14 hours downtime required)

THE STATS

- 100% of Smart Firing customers worldwide are reporting between 7.5% and 24% energy saving (compared to existing furnace technologies)
- Compared to a Standard Gas Furnace (including its average costs and maintenance required), a Smart Firing Furnace can save businesses up to £505,200 over 10 years – that's a whopping 16%.

THE TECHNOLOGY

Smart Firing technology has revolutionised the way furnace burners are controlled, resulting in significant and proven gas savings – most welcomed during this period of rising energy costs and a greater worldwide focus on increasing sustainability credentials.

Galvanizers from around the globe (including UK, Europe, and Asia-Pacific) have already started their 'smart' journey, and are regularly reporting fantastic results: results which are much greater than we originally anticipated. But don't just take our word for it...

TENSION STEEL INDUSTRIES, TAIWAN

Specialising in producing high-quality galvanized tubes for various applications worldwide, Tension Steel Industries was reporting issues of high energy costs, short kettle life and increased time spent dealing with equipment breakdowns – meaning production costs were high.

Our technical team conducted a thorough investigation of their issues and developed a precise specification tailored to their production needs. A furnace equipped with Smart Firing was integrated into their process line, along with an industrial router with a data gateway for remote diagnosis.

THE RESULTS?

- An energy saving of 24% compared to their previous furnace
- Kettle life doubled (from two years to four), and still in service
- Instant alarm notifications and weekly healthy reports
- Operational costs (and downtime) significantly reduced

WEDGE GROUP GALVANIZING LTD, UK

As the first company to implement this pioneering technology, Wedge Group Galvanizing Ltd gradually introduced it across their 14 plants in the UK. To date, they've reported an average 15% saving on gas, and (depending on the technology level of existing equipment) this is providing a payback of between four to 10 months.

NATIONAL RECOGNITION

And if that's not enough, our Smart Firing technology was awarded a Silver Award in the Innovation Champion category at the 2024 Engineering Matters Awards, thanks to the significant benefits it's bringing to the galvanizing industry.



CLIENT TESTIMONIALS

"Congratulations to the Hasco Team for their award shortlist. We, as Smart Firing users, are very pleased with the results in practise."

Philippe Dupont, General Manager at The Coatinc Company Holding

"As Plant Manager, focusing on both plant management for our Ganshan factory and energy performance of the whole company, it's very exciting to see Hasco's new furnace and the very encouraging energy savings it's brought us. The much-reduced energy consumption is also identified as a role model by local environmental agencies according to their monitored consumption data."

Shih-Ren Liou, General Manager of the Ganshan Factory of Tension Steel Industries

"After introducing Hasco-Thermic's Smart Firing, we've reported substantial savings on gas, which is providing a payback of between four to 10 months at each of our 14 plants. Not to mention the reduction in carbon emissions, which is a significant step in our progress towards our ultimate objective to become a net zero business."

David Nobes, Technical Services Director at Wedge Group Galvanizing Ltd

WHAT'S NEXT...

But that's not all! We're continually striving to implement further developments and advancements - to enhance the way in which you do business, while also supporting you on your journey to net zero. Our team of experts are currently working towards developing an innovative hybrid furnace with a groundbreaking design - stay tuned for updates.

Interested to find out more, or how Hasco Smart Firing™ could enhance your business operations?

GET IN TOUCH WITH ONE OF OUR TEAM TODAY
MAIL@HASCO.CO.UK
OR VISIT OUR WEBSITE
WWW.HASCO.CO.UK.



SCAN ME
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