



GLOBAL LEADERS IN ADVANCED FURNACE TECHNOLOGY

ABOUT GLPS

GLPS, based in Middelburg, Mpumalanga, South Africa, is a leading design engineering firm specializing in high-capacity AC & DC electric furnaces and ancillary plants. Established in 1993, we serve diverse sectors, including ferroalloys, ilmenite, base metals, PGMs, and iron, using patented technologies and deep industry expertise.

MISSION & VISION

Our mission is to revolutionize furnace technology through innovation, efficiency, and unmatched expertise. We aim to be the global leader in advanced furnace solutions, known for quality and innovation that redefine industry standards.

FURNACE DESIGN & OPTIMIZATION

GLPS delivers state-of-the-art furnace solutions, exceeding performance and efficiency expectations. We develop and optimize furnace systems using cutting-edge technology, ensuring maximum reliability and cost-effectiveness.

ENGINEERING SERVICES

GLPS offers comprehensive engineering services, from design to construction and optimization of furnaces and industrial plants. Our civil, structural, mechanical, electrical, and process engineering expertise ensures robust, tailored systems focused on performance and energy efficiency.

PROJECT MANAGEMENT

Our project management team, with extensive knowledge in the Ferro Alloy and mining industries, provides end-to-end solutions from concept to commissioning. We consistently deliver projects on time, within budget, and to the highest standards.

DESIGN & DRAFTING

Our design team combines engineering expertise with decades of industrial and mining experience. We stay current with technological advancements, offering innovative designs and precise, detailed drawings for seamless project execution.

PROCESS ENGINEERING

GLPS leads the industry in furnace innovation with our extensive knowledge and advanced modeling and simulation software, delivering efficient and robust solutions across various applications.

FEASIBILITY STUDIES

We conduct comprehensive feasibility studies to evaluate the economic viability of projects, ensuring accurate technical and financial assessments for informed investment decisions.

OPTIMIZE YOUR NEXT PROJECT WITH GLPS

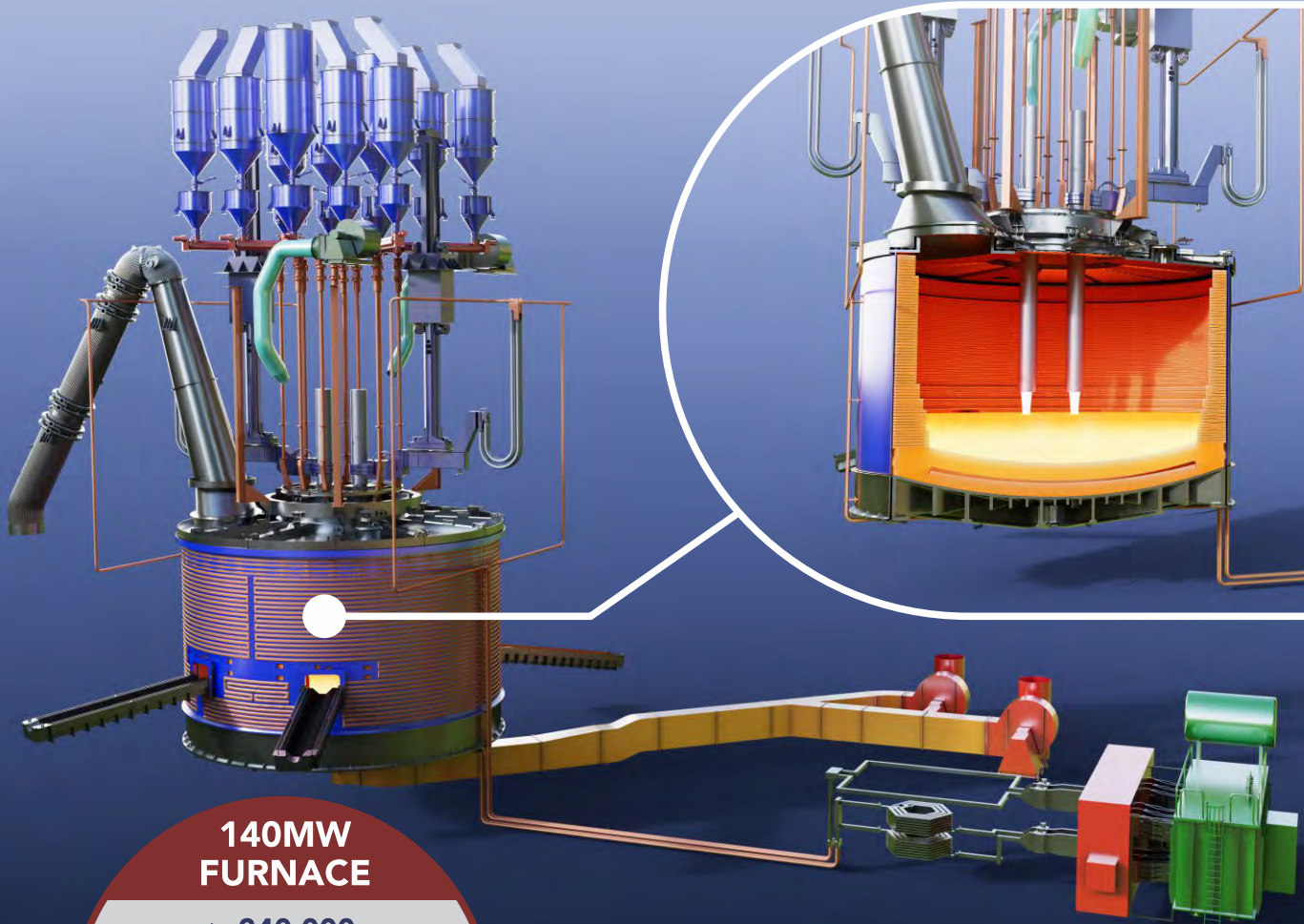
Visit www.glps.co.za for more information.

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INTRODUCING THE *NEXT* GENERATION DUAL ELECTRODE **MEGA** FURNACE



140MW FURNACE

> 240 000
Tonnes Annual FeCr Production
> 90% Cr Recovery
Lowest *Cost Of Production Unit*
Patented ARC compensation
**GUARANTEED
ZERO ARC
DEFLECTION**

**LEADING EXPERTS IN
DC FURNACE DESIGN &
EXISTING FURNACE
CONVERSIONS/UPGRADES**

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