

London, January 12, 2024

Primetals Technologies Chosen as Supplier of Electric Arc Furnace Based Steelmaking Plant in Austria

- **Primetals Technologies to supply EAF Ultimate with an annual capacity of 1.6 million tons of liquid steel**
- **Comprehensive automation system enables detailed process control and calculation of carbon footprint**
- **Huge step for the production of green steel in Austria**

voestalpine has placed an order with Primetals Technologies for a 180-ton EAF Ultimate to be implemented at the Austrian steel producer's site in Linz, Austria. Startup is scheduled for 2027. The EAF Ultimate will be playing a key role in voestalpine's green transition program "greentec steel." As a first step in this ambitious decarbonization program, one electric arc furnace will be built at each of voestalpine's sites, in Linz and Donawitz.

Latest generation of EAF based steelmaking plants

Primetals Technologies will supply the complete EAF Ultimate equipment, a dedusting system, a waste-heat recovery system, electrical grid stabilization, and material handling for alloying materials and additives. The order also includes full Level 1 and 2 automation, a power supply system, and the LiquiRob robotic system, which increases efficiency and occupational safety at the plant.

The EAF Ultimate will be designed to incorporate industry-leading solutions for environmentally friendly steel production. For example, the heat recovery system will convert much of the waste heat into steam, which is then fed back and used in other production units.

"We are very happy to strengthen our close and long-lasting partnership with voestalpine and to support them on their way to becoming CO₂-neutral. The EAF Ultimate is part of our latest generation of electric steelmaking plants and is well-known for its raw material flexibility, fully automated operation, advanced control systems, and environmental efficiency. With this technology, voestalpine is set for a future of decarbonized steel production," says Andreas Viehböck, Head of Upstream Technologies at Primetals Technologies.

In August 2022, Primetals Technologies announced a significant contribution to Salzgitter's SALCOS green steel transition project in Germany. This collaboration and other recent references as well as expertise in both the production of advanced steel grades and leading automation solutions were the

Primetals Technologies, Limited
A Group Company of Mitsubishi Heavy Industries
Communications

Chiswick Park, Building 11, 566
Chiswick High Road
W4 5YS London
United Kingdom

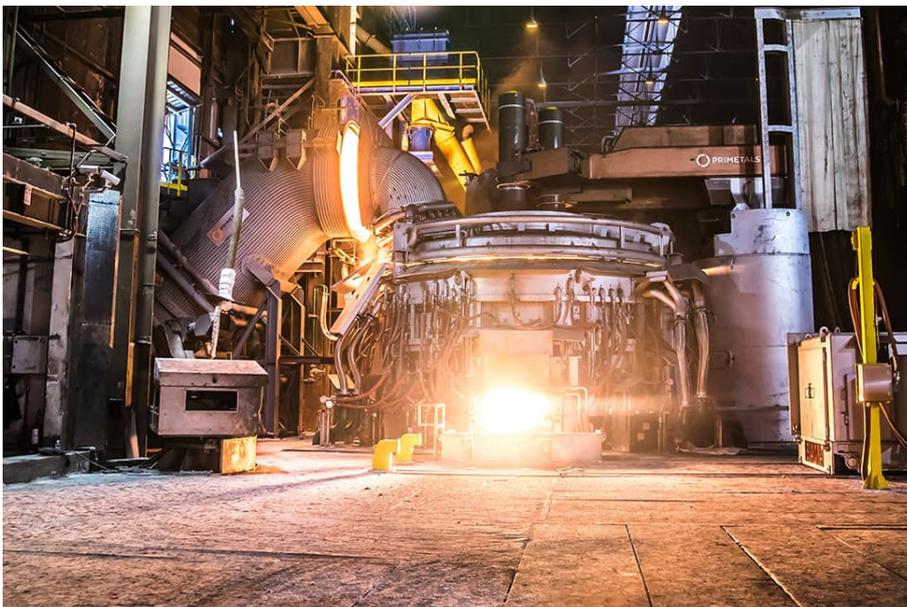
most important factors influencing the decision to choose Primetals Technologies as the supplier for the new electric arc furnace and meltshop equipment.

State-of-the-art automation system

The automation scope includes the latest generation of the web-based DCS process control system, which unites the engineering and operational teams in the same environment. This system ensures intuitive system operation and best-in-class support in maintenance-related topics. The Level 2 automation system is state-of-the-art, resulting in superior process control and the possibility to calculate the carbon footprint of the electric steelmaking plant.

Global market leader

Headquartered in Linz, Austria, voestalpine is a global steel and technology group and a leading partner to the automotive and consumer goods sectors as well as the aerospace and oil and natural gas industries. The company is also the global market leader in railway systems, steels for the manufacture of tools, and special sections. voestalpine is committed to global climate goals and has a clear plan for decarbonizing steel production via its greentec steel program.



The EAF Ultimate is equipped with various features to increase the degree of automation, boost productivity, and contribute to increased safety for operators.

This **press release** and a **royalty-free picture** are available at www.primetals.com/press/

Contact for journalists:

Björn Westin, Press Officer

Primetals Technologies, Limited
A Group Company of Mitsubishi Heavy Industries
Communications

Chiswick Park, Building 11, 566
Chiswick High Road
W4 5YS London
United Kingdom

bjoern.westin@primetals.com

Mob. +43 664 6150250

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