

London, May 05, 2026

## Primetals Technologies Launches Electric Arc Furnace for High Performance and Reduced CAPEX

- **EAF Ultimate Move builds on 40 years of electric arc furnace expertise, uniting the strengths of Primetals Technologies' EAF Ultimate and EAF Quantum**
- **Ideal for maximum flexibility and greenfield installations**
- **Reduces CAPEX while maintaining high productivity**

Primetals Technologies today announced a new development in electric steelmaking: the EAF Ultimate Move electric arc furnace. Built on four decades of EAF innovation, this solution addresses the CAPEX-driven requirements of new electric steelmaking facilities during the industry's transition phase.

### Cost-Effective and Highly Productive

The EAF Ultimate Move enables significantly shorter tap-to-tap times and requires a smaller layout footprint. Additional advantages include reduced maintenance needs and lower overall CAPEX.

This new technology expands Primetals Technologies' electric steelmaking portfolio, in which each EAF design serves distinct objectives. For maximum flexibility and a no-compromise approach to product quality and raw material mix, the EAF Ultimate Move is the preferred choice. When upgrading existing facilities, the proven EAF Ultimate concept, combined with the grid-friendly Active Power Feeder and advanced automation, is well suited. The EAF Quantum, with its ultra-low consumption figures, remains the top option for producers focused on a primarily scrap-based charge mix with scrap and hot-briquetted iron (HBI) preheating.

"For Primetals Technologies, it is natural to merge the most advantageous features and advance established EAF technology to the next level. All types of materials, including blast furnace hot metal, can be processed in any combination in the EAF Ultimate Move, our latest development, which completes our EAF portfolio alongside the EAF Quantum and EAF Ultimate," says Hans-Joerg Krassnig, Head of Electric Steelmaking at Primetals Technologies.

### Increased Productivity and Flexibility

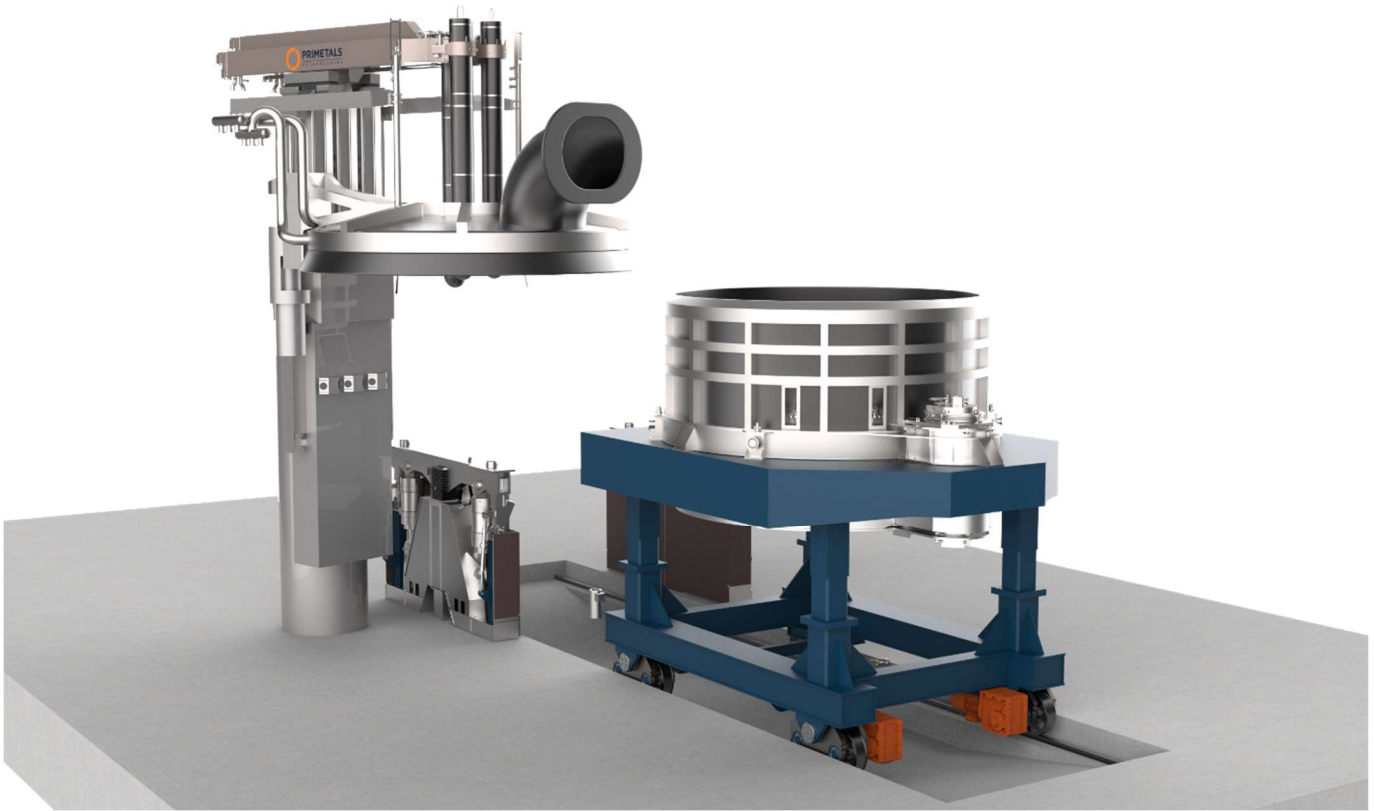
Borrowing from the EAF Quantum, the innovative process of exchanging the EAF shell toward the teeming bay offers several benefits, including a reduced layout footprint, simplified maintenance, and lower CAPEX for auxiliary equipment such as cranes, crane-rail support structures, and building height

requirements. This is enabled by a moveable support frame that carries the shell, and an adapted hydraulic tilting system.

The EAF Ultimate Move also features single-bucket operation, single-point roof swiveling, and Furnace Advanced Slag-Free Tapping (FAST) for enhanced productivity, quality and flexibility. The FAST system enables tapping and tap-hole filling under power-on conditions, significantly shortening tap-to-tap times.

### **EAF Ultimate Move Presented at AISTech 2026**

Curious about the EAF Ultimate Move and want to learn more? Primetals Technologies will give a presentation on the EAF Ultimate Move and other electric steelmaking solutions during AISTech 2026. The presentation will take place on May 6, starting at 08:30 AM CET.



The new EAF Ultimate Move electric arc furnace from Primetals Technologies reduces CAPEX without compromising productivity or flexibility.

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