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Latest developments in MIDA technology

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The latest developments in MIDA (Minimill Danieli) endless casting and rolling technology represent a significant advancement in the steel manufacturing industry. This innovative process integrates melting, continuous casting and rolling into a single, uninterrupted production line, eliminating the need for intermediate cutting, storage and reheating of the billets, significantly reducing energy consumption and enhancing efficiency and product quality.

The revolutionary DIGIMELTER, the unmatched OCTOCASTER, the elimination of reheating furnaces and the efficient use of raw materials align with the industry's goals of minimizing environmental impact and promoting sustainable practices. This streamlined approach allows for a more efficient use of resources and a reduction in operational costs, while the integration of automated control systems and real-time monitoring technologies ensures full control over the melting, casting and rolling parameters. This allows for consistent production of steel with uniform properties, enhancing the reliability and performance of the whole transformation process.

The MIDA process is nowadays highly adaptable to different steel grades and product specifications. This flexibility allows manufacturers to quickly respond to market demands and produce a wide range of steel products with varying properties. In conclusion, the latest developments in endless casting and rolling technology offer substantial benefits in terms of efficiency, product quality, sustainability, and adaptability. These advancements position MIDA as a leading technology in the steel manufacturing industry, driving innovation and setting new standards for production processes.

Primary authors: Mr DE LUCA, Andrea (Danieli & C. Officine Meccaniche S.p.A.); Mr TORTUL, Federico (Danieli & C. Officine Meccaniche S.p.A.)

Presenter: Mr DE LUCA, Andrea (Danieli & C. Officine Meccaniche S.p.A.)

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