

SSAB signs agreement with SMS group for a new cold rolling complex in Luleå

SSAB and SMS group have signed an Early Service Agreement (ESA) on the cold rolling complex for the Luleå mini-mill project in Luleå, Sweden. Under the agreement, SMS group will supply the engineering, equipment and process automation for the new cold rolling complex.

In April 2024, SSAB's Board of Directors took the decision to build a state-of-the-art fossil-free mini-mill in Luleå as the next step in SSAB's transformation to fossil-free steel production. The new mini-mill will have a better cost position with lower fixed costs, higher efficiency, shorter lead times and eliminated CO₂ costs.

The transformation in Luleå will result in significant reductions of emissions to air and water, increase resource efficiency and remove about 2.8 million tonnes of annual carbon dioxide emissions. SSAB's transformation will enable a total reduction of 10% in Sweden's total carbon dioxide emissions, of which Luleå accounts for 7% and Oxelösund for 3%.

"SSAB and SMS group have a long and successful history of working together. We are happy that we have come to agreement with SMS group to deliver process equipment for our new cold mill complex in Luleå," says **Carl Orrling** EVP & CTO at SSAB.

The new cold rolling mill complex will allow SSAB Europe to significantly increase production and sales of high-strength steels and premium products, particularly for automotive customers.

The agreement with SMS group encompasses sophisticated technology, including a Pickling Line/Tandem Cold Mill with CVC® technology, a Continuous Galvanizing Line, a Continuous Annealing and Galvanizing Line and a Recoiling and Inspection Line, all of which are key components to achieve the final quality of SSAB's premium products.

Fully electrically heated furnaces will utilize a combination of induction and electrical radiant tubes, thus ensuring a minimal carbon footprint. Air-knives will precisely control the coating thickness for optimal surface quality. Robotics applications and logistics systems will optimize material flows and streamline logistics processes within the new cold rolling complex. Comprehensive automation and digitalization solutions will ensure production efficiency, process stability and product quality.

The cold rolling complex will be capable of processing strip widths up to 1,900 mm and thicknesses ranging from 0.30 to 2.5 mm, ensuring versatility in product offerings.

Also included in the scope are major auxiliary plants, including an acid regeneration plant, roll shop, coil logistics and water treatment plants.

"This project underscores the trusted partnership between SSAB and SMS group. Together, we are setting new standards for sustainable steel production and technological innovations," says **Olaf Stalfort**, CSO Region Europe at SMS group.

As communicated earlier, SSAB has signed an Early Service Agreement with Danieli for a highly-automated technology solution for the new mini-mill, consisting of two electric arc furnaces, secondary metallurgy, caster and strip mill.

About SMS group:

SMS group is renowned worldwide for its future-oriented technologies and outstanding service for the metals industry. The company applies its 150 years of experience and its digital know-how to provide the industry continuously with innovative products and processes – even beyond its core business – and generates worldwide sales of around 3.4 billion euros. SMS is the right partner for challenging projects, and supports its customers throughout the lifecycle of their plants, enabling profitable and resource-efficient value creation chains. Paving the way for a carbon-neutral and sustainable metals industry is the company's stated goal. As a global player with German roots, SMS takes responsibility for its more than 14,000 employees.

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SSAB is a Nordic and US-based steel company that builds a stronger, lighter and more sustainable world through value added steel products and services. Working with our partners, SSAB has developed SSAB Fossil-free™ steel and plans to reinvent the value chain from the mine to the end customer, largely eliminating carbon dioxide emissions from our own operations. SSAB Zero™, a largely carbon emission-free steel based on recycled steel, further strengthens SSAB's leadership position and our comprehensive, sustainable offering independent of the raw material. SSAB has employees in over 50 countries and production facilities in Sweden, Finland and the US. SSAB is listed on Nasdaq Stockholm and has a secondary listing on Nasdaq Helsinki. Join us on our journey! www.ssab.com, [Facebook](#), [Instagram](#), [LinkedIn](#), [X](#) and [YouTube](#).