



Press release

Blechexpo: ArcelorMittal expands XCarb® product range and presents custom-fit steels for the energy transition and future mobility

Stuttgart, 6 November 2023 – Decarbonisation, energy transition and product innovations: at Blechexpo in Stuttgart from November 7 to 10, ArcelorMittal will focus on the future of its low-carbon emissions XCarb® steel, which is about to undergo further development with new XCarb® products. In Hall 10 - Stand 10311, trade visitors will also get an impression of sustainable steel solutions for wind energy, photovoltaics and mobility.

Demand for low-carbon emissions steel is growing, and ArcelorMittal has been supplying customers in the automotive sector and other industries - like Construction, Renewable Energy (notably Solar and Wind), Appliance and Furniture - with CO₂-reduced products beyond initial trial batches, since 2021. XCarb® recycled and renewably produced is made from high levels of recycled steel and 100 percent renewable electricity in the electric arc furnace, being produced at the ArcelorMittal plant in Sestao (Spain) already today. Depending on the product, the carbon footprint can be up to 75 percent lower CO₂ than conventionally produced steel.

Yves Koeberle, CEO of ArcelorMittal Europe – Flat Products, said: “ArcelorMittal Europe is working hard to reduce CO₂ emissions by 35% by 2030, and reaching carbon neutrality by 2050. With our plans for rolling out large-scale decarbonisation of steelmaking in Europe, we are taking important steps to achieving our targets. We have been delivering low carbon-emissions steel to our customers for almost two years: interest in XCarb® products has grown significantly over this time, and as a result we are moving more and more from trial deliveries to series deliveries. Once our large-scale decarbonisation investments are commissioned, we will offer a wider range of automotive and industrial products, in greater volumes.”

Steel indispensable for the energy transition: product range enriches Blechexpo

Visitors to the Blechexpo trade fair will be able to see the range of XCarb® products, such as XCarb® hot rolled coils, organic coated steels, and Magnelis® grades. Magnelis®, a metallic coating which is highly resistant to corrosion, is used in the photovoltaic industry to manufacture solar panels. XCarb® recycled and renewably produced heavy plates, which can be used in the manufacturing of wind towers, will also be in even greater demand in the future.

Shaping the future of mobility

The iCARE® electrical steels created for the automotive market reduce emissions, increase ranges in e-drives and, not least, ensure lower overall costs for manufacturers with regards to electrification.

And the ArcelorMittal Multi Part Integration™ (MPI) concept plays a central role in driving forward sustainable mobility solutions. Through the seamless integration of multiple vehicle parts into a single laser-welded blank (LWB), these innovative steel solutions not only reduce complexity, but also advance sustainability by further reducing vehicle weight and significantly cutting costs. Such mega parts can be manufactured with Usibor® 1500 with XCarb® recycled and renewably produced substrate which is made from high levels of recycled steel using 100% renewable electricity in an Electric Arc Furnace. These mega part steel solutions for simplified car manufacturing underscore ArcelorMittal's leading position in driving the future of sustainable mobility. Beyond Usibor® 1500, the ArcelorMittal XCarb® recycled and renewably produced product offer currently includes the HSLA and ferrite bainite steel families used for various automotive applications.

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About ArcelorMittal

ArcelorMittal is the world's leading steel and mining company, with a presence in 60 countries and primary steelmaking facilities in 16 countries. In 2022, ArcelorMittal had revenues of \$79.8 billion and crude steel production of 59.0 million metric tonnes, while iron ore production reached 45.3 million metric tonnes. Our purpose is to produce ever smarter steels that have a positive benefit for people and planet. Steels made using innovative processes which use less energy, emit significantly less carbon and reduce costs. Steels that are cleaner, stronger and reusable. Steels for electric vehicles and renewable energy infrastructure that will support societies as they transform through this century. With steel at our core, our inventive people and an entrepreneurial culture at heart, we will support the world in making that change. This is what we believe it takes to be the steel company of the future.

Decarbonisation is the most important aspect of ArcelorMittal's long-term strategy. We are aligning with the Paris Agreement's goals and the European Green Deal by committing to reduce European CO₂ emissions by 35% by 2030 and be net-zero by 2050.

ArcelorMittal is listed on the stock exchanges of New York (MT), Amsterdam (MT), Paris (MT), Luxembourg (MT) and on the Spanish stock exchanges of Barcelona, Bilbao, Madrid and Valencia (MTS). For more information about ArcelorMittal please visit: <http://corporate.arcelormittal.com/>