

Vedanta Aluminium boosts billet production to 830,000 tonnes per annum

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FILE PHOTO: Large aluminium billets | Photo Credit: Evan Buhler

Vedanta Aluminium has expanded the billet production capacity at its Jharsuguda operations in Odisha, the world's largest aluminium plant, taking the total billet production capacity to 830,000 tonnes per year.

This will strengthen the company's ability to supply high-quality products to customers worldwide, broaden its value-added product (VAP) portfolio, and reinforce its role in supporting India's fast-growing extrusion and downstream sectors, a company statement said.

Vedanta Aluminum's billets are key semifinished products used in extrusion processes to create precision engineered profiles. These profiles support critical industries including infrastructure, transportation, renewable energy, electrical systems, consumer goods, and packaging. Owing to aluminium's high strength-to-weight ratio, recyclability and versatility, billets also play a vital role in enabling sustainable manufacturing and modern design solutions, it said.

The expansion adds 250,000 tonnes per annum of new capacity to the existing 580,000 tonnes a year billet infrastructure.

Focus on value-addition

This positions Jharsuguda among the largest aluminium billet production sites globally and reinforces Vedanta Aluminium's leadership in the Indian market, where it already supplies over half of the country's domestic billet demand. The billet facility is equipped with advanced casting and homogenising technology from global leaders Wagstaff (USA) and Hertwich (Austria).

Additionally, a new 120,000 tonnes a year Primary Foundry Alloy (PFA) facility has been set up at the site, further expanding the company's PFA production capabilities.

Rajiv Kumar, CEO, Vedanta Aluminium, said, "This scale-up enhances our ability to serve high-growth industries and reinforces India's position as a rising force in the global aluminium landscape. We remain focused on delivering long-term value for the nation and all our stakeholders."

C Chandru, CEO, Vedanta Jharsuguda, said, "This is a testament to our focus on expanding value-added aluminium production with speed, technical excellence, and adherence to global standards."

Vedanta Aluminium is the first producer in India to offer low-carbon aluminium under the Restora range. With customers in more than 60 countries, the company offers over 25 high-quality variants of billets and aims to further expand capacity across its operations in Odisha and Chhattisgarh to 1.25 million tonnes per annum, the company said in its statement.

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