

Syntech Metals Deepens Precision Aluminum Push in Australia and Germany with In-House Casting, Certified Finishing

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EINPresswire.com/ -- China-based [aluminum extrusion](#) manufacturer Syntech Metals Limited said it is expanding its footprint in precision [aluminum machining parts](#) for the Australian and German markets, pointing to its self-contained billet-casting operation and dual-certified surface-finishing lines as differentiators for buyers seeking consistent material quality.

Founded in 1993, Syntech Metals has grown over three decades into what the company describes as a vertically integrated aluminum extrusion and machining supplier, operating from a 100,000-square-meter facility equipped with 17 extrusion presses ranging from 500 to 10,000 tons. The company says it has shipped more than 3 million aluminum extrusion and CNC-machined components to customers in over 70 countries, with Australia and Germany among its longer-standing export markets alongside North America and South Africa.

A central piece of the company's pitch to buyers is that it casts its own extrusion billet rather than purchasing



Syntech Metals Limited



custom aluminum extrusion machining

it from third-party suppliers. Syntech Metals operates large in-house melting and casting furnaces, buying aluminum ingot directly and casting its own billet for extrusion in AL6061 and AL6063 alloys, with aging treatments calibrated to meet T4, T5 or T6 hardness requirements. The company argues that controlling the process from ingot to finished part — rather than relying on outside billet suppliers — reduces the risk of substandard raw material entering the supply chain, a concern

manufacturers in import markets have raised amid inconsistent billet quality from smaller suppliers. The company also offers CNC machining of aluminum plate stock in the same AL6061 and AL6063 alloys for parts that start from flat plate rather than extruded profile.



precision cnc machining aluminum services China

"When a customer places an order, they are trusting that every kilogram of aluminum in that part meets the alloy and temper specification on the drawing," said Ken Yip, Sales Director at Syntech Metals. "Casting our own billet means we're not exposed to the variability that comes from buying extrusion bar on the open market. We control the metallurgy from the furnace forward."

The company pointed to recent project work in both target markets as evidence of its manufacturing range. In Australia, Syntech Metals has supplied large-scale aluminum structural components for stage and event infrastructure, alongside custom CNC-machined aluminum plate parts for industrial customers. In Germany, the company said it has produced high-precision aluminum spline shafts for machinery applications and [automotive aluminum parts](#), including bumper and crash-bar components, for customers in the country's manufacturing sector.

On surface finishing, Syntech Metals operates imported, fully automated anodizing and powder-coating lines, offering both standard and hard anodizing alongside powder coating. The company holds ISO 9001:2015 and IATF 16949 quality-management certifications, along with Qualicoat certification for powder coating and QUALANOD certification for anodizing — credentials the company says are held by only a small number of anodizing operations in mainland China. Together, the certifications are intended to give overseas buyers, particularly in quality-sensitive automotive and industrial-equipment segments, an independent basis for evaluating finishing consistency before placing an order.

Syntech Metals said the emphasis on traceable materials and third-party-certified finishing is aimed at addressing a common hesitation among buyers sourcing deep-processed aluminum parts from overseas suppliers: uncertainty over whether the metal and coating actually delivered

will match what was quoted. By keeping billet casting, extrusion, CNC machining and surface finishing under one roof, the company said it can hold tighter tolerances across the production chain and respond more quickly to engineering changes than manufacturers that outsource one or more of those steps.

The company said it plans to continue building relationships with distributors, fabricators and OEMs in Australia and Germany as demand grows for aluminum structural and precision-machined components in construction, industrial equipment and automotive applications in both markets.

About Syntech Metals

Founded in 1993, Syntech Metals Limited is a vertically integrated aluminum extrusion and CNC machining manufacturer based in China, operating a 100,000-square-meter production facility with 17 extrusion presses from 500 to 10,000 tons. The company casts its own extrusion billet in-house and offers CNC machining, anodizing and powder coating under ISO 9001:2015, IATF 16949, Qualicoat and QUALANOD certifications. Syntech Metals has exported more than 3 million aluminum extrusion and machined components to customers in over 70 countries across North America, Europe, Australia and beyond.

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