

About us

The Aluminum Extruders Council (AEC) is the leading trade association dedicated to advancing the effective use of aluminum extrusions throughout the U.S. and Canada. AEC unites extruders, producers, suppliers, and stakeholders to promote technical excellence, responsible manufacturing, workforce development, and the long-term competitiveness of the domestic extrusion industry.

AEC members support a broad range of critical end markets, including healthcare, defense, transportation, commercial and residential construction, industrial equipment, renewable energy, electronics, and digital infrastructure. Aluminum extrusions are found in applications ranging from window and door systems, curtain walls, and solar racking to automotive crash-management systems. EV battery enclosures, server racks, rail components, marine structures and aerospace assemblies.



Ready to Build What's Next?

If you are developing the next generation of products, buildings, vehicles, or infrastructure, domestic aluminum extrusions offer the **design freedom, proven performance, supply security, and technical support** needed to move from concept to commercialization with confidence.

Sourcing close to home is not simply a procurement decision – it is a strategic choice that strengthens quality, resilience, sustainability, and long-term value for your organization.

SOURCE FROM A DOMESTIC MANUFACTURER.

Partner with an AEC Extruder Member.

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Leading U.S. and Canadian Extruders:

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#ExtrusionsAreEverywhere

Look No Further™

Why Source Aluminum Extrusions from Domestic Manufacturers?

MAKE THE STRATEGIC CHOICE

Performance, Resilience & Sustainability



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We Are Great Manufacturers

Aluminum extrusion has powered the domestic industry for generations. From its pioneering roots in the early twentieth century to today's advanced, precision-driven manufacturing, domestic producers have set the global standard for quality, innovation and reliability.

In an era of supply chain volatility, geopolitical uncertainty, and rising sustainability expectations, sourcing aluminum extrusions closer to home has become more than a preference – it's a strategic advantage. Engineers, specifiers, procurement teams, and manufacturers across critical industries are turning to domestic extruders for the performance, responsiveness, and long-term value they need.



Leadership in Extrusion Technology

U.S. and Canadian extruders continue to lead the advancement of aluminum extrusion science and practice. A premier example is the International Aluminum Extrusion Technology Seminar – known throughout the industry as “ET.” Established in 1969 and held every three years, ET is organized by the ET Foundation in partnership with the Aluminum Extruders Council (AEC). It brings together global experts to share cutting-edge research, process innovations, case studies, and best practices in die design, alloys, equipment, finishing, fabrication, and sustainability. More than five decades of continuous knowledge-sharing reflect the industry's deep commitment to technical excellence and continuous improvement.

The Business Case for Domestic Sourcing

U.S. and Canadian aluminum extrusion manufacturers have built their reputation on **performance, precision, and reliability**. They routinely meet the most demanding requirements for metallurgy, dimensional control, tight tolerances, finishing quality, and fabrication – while continuing to invest heavily in technology, automation, and value-added capabilities.

A Broad, Resilient Supply Base

With hundreds of facilities and extrusion presses across the United States and Canada, the domestic industry offers unmatched depth and geographic reach. Many operations provide integrated services – including casting, remelt, machining, fabrication, finishing, and assembly – enabling customers to consolidate suppliers and partner with responsive local experts. The payoff is clear: shorter lead times, closer technical collaboration, and faster resolution when challenges arise.

Nearly 200,000 Jobs are Supported Across U.S. and Canada

37,000 direct skilled manufacturing jobs are in extrusion presses, die design fabrication and finishing operations across the U.S. and Canada.

Over 160,000 additional indirect roles sustained throughout U.S. and Canada are via recycling and equipment supply chains, plus major employment in high-growth downstream sectors: automotive, building and construction, solar, aerospace, and transportation equipment.

Learn more and connect with
Leading U.S. & Canadian Extruders.



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Reduced Risk and Greater Agility

Compared with offshore sourcing, domestic production helps protect your operations from freight volatility, shifting trade policies, geopolitical disruptions, and complex compliance requirements. Local manufacturing delivers greater supply visibility and the confidence that your partner can adapt quickly to design changes, production surges, or urgent service needs. In today's uncertain environment, that agility is a competitive advantage.

Sustainability with Measurable Impact

U.S. and Canada's well-established infrastructure for recovering, processing, and remelting aluminum scrap supports high recycled content and truly circular material flows. **Recycled aluminum requires only about 5% of the energy needed to produce primary aluminum – an energy savings of roughly 95%.** Because aluminum can be recycled repeatedly without loss of key properties, it supports lower embodied carbon across applications while helping meet your sustainability and ESG objectives.

The Aluminum Extruders Council (AEC) strengthens transparency by publishing certified cradle-to-gate Environmental Product Declarations (EPDs) for U.S. and Canadian extrusions and providing resources to help calculate product carbon footprints. These tools give architects, engineers, designers, and procurement teams the credible data they need to specify lower-carbon solutions with confidence.



While some broader environmental initiatives in the aluminum sector have been paused or deprioritized amid shifting policy and trade priorities, sustainability in extrusion remains essential and is positioned to regain prominence as customer requirements and regulatory drivers continue to evolve.