







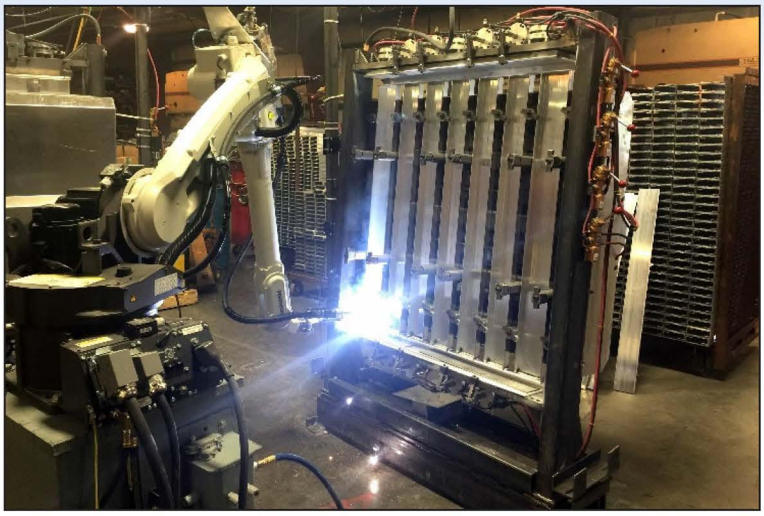

ALUMINUM INDUSTRIES

Made in the USA



Aluminum Pallet Manufacturing

Aluminum Industries is the leading supplier of high quality, custom engineered aluminum pallets and material handling systems used in the construction, automotive, pharmaceutical, food processing, and chemical industries throughout the United States and Internationally.



Robotic welding of 48 x 40 Push/Pull pallets

From the procurement of the best possible aluminum (6061T6) to the fabrication and welding of the aluminum pallets, consistent process monitoring and quality testing during production guarantee consistently high quality at a low cost on all aluminum pallets manufactured.

Manufactured to meet Your Needs, Not Ours

Engineering excellence, custom design, quality service, cost saving aluminum pallet products and our leading edge technology innovations all tie together to form the foundation of Aluminum Industries solid relationship with our customers that saves them money, time, and reduces waste.



Pallets staged for shipment to a food processing company

Standard and Custom Pallets Available

Our aluminum pallets are available in 2-way or 4-way entry and offer a non-slip or smooth surface.

Standard Size Aluminum Pallets

Aluminum Industries manufactures a full line of premium aluminum pallets for all industries, from 36 x36 beverage pallets to 48x40 push/pull pallets and everything in between. Rackable up to 10,000 lbs at 40" and 4,000 lbs at 48". The standard pallets are also customizable to fit the customer's needs. Because no two businesses are the same there may be requirements to adjust certain aspects of the pallet. A company may need the slats to be closer together while another company needs them farther apart. The height of the pallet may need to be adjusted for an automatic retrieve system, or additional bottom boards may be required for a chain conveyor system. Whatever your need we have a pallet that meets your requirements.



40 x 48 2way Pallet



40 x 48 4way Pallet



48 x 40 Push/pull Pallet

Custom Size Aluminum Pallets

Custom pallets are unique pallets for special applications. These are pallets that don't fit the standard sizes or specifications of plastic or wood pallets that are regularly on the market, but are required for your unique application.



Custom size swing pallet for a commercial HVAC company

The Strength of Aluminum

From Automakers to the U.S. Military, Those in the Know Trust Aluminum

Consider this –

Automakers are increasingly turning to aluminum as part of the multi-material mix to increase vehicle fuel efficiency while maintaining strength and safety. Every aluminum-intensive vehicle ever crash tested by the National Highway Traffic Safety Administration has earned a 5-star safety rating.

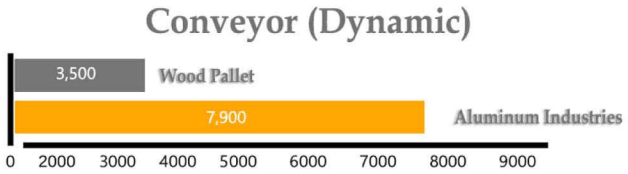
High-strength aluminum alloys are used in hundreds of everyday applications where strength and durability are essential – from planes to trains, buses to trucks – even pallets.

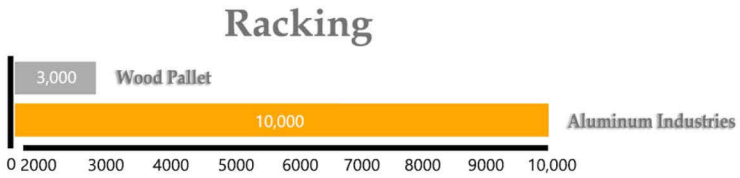
Aluminum is also used by the U.S. military, NASA and others to build vehicles and structures capable of thriving in some of the harshest conditions imaginable.

By adding elements like silicon, magnesium and lithium to pure aluminum and through special processing techniques, aluminum can be engineered to be as strong if not stronger than some steel.

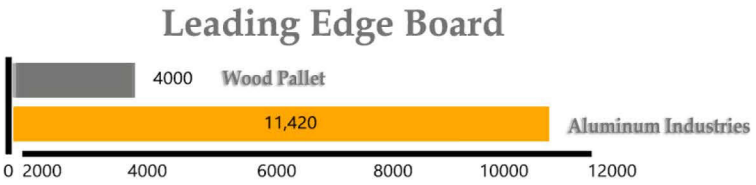
Results from testing Aluminum Industries pallets at the Center for Unit Load Design at Virginia Tech University the world leader in pallet and container load testing.

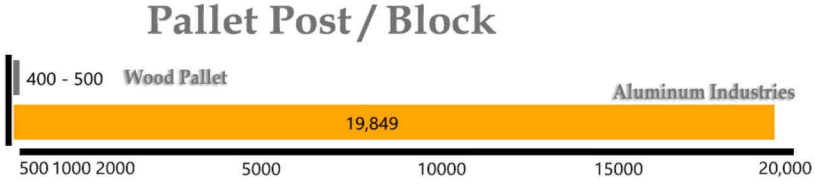
The results of the evaluation of the racking and dynamic conveyer load carrying capacity of the investigated aluminum pallet design by Aluminum Industries, LLC





The durability of the pallet design was evaluated using incline impact test on pallet posts and pallet edges. The pallet blocks only experienced minor dents and cracks after the testing cycle was completed. The average cumulative applied kinetic energy before the testing was stopped was 19,849 lb-ft. which is 40 times greater than the kinetic energy causing an average wooden pallet to fail.





Similar result was obtained when the durability of the pallet end board was investigated. The average cumulative applied kinetic energy before the testing was stopped was 11,420 lb-ft. that is almost 4 times greater than the kinetic energy causing failure for an average multiple use wooden pallet.

Make the Commitment to Sustainability

Businesses across the United States are furthering their competitive advantage through the use of aluminum pallets-a 100 percent recyclable and sustainable metal. Aluminum pallet's sustainability are at the forefront of creating competitive business advantages while also providing product development advantages that win business and create jobs.

- **The profitable economics of sustainability**
  Aluminum is one of the only materials in the consumer and industrial waste stream that more than pays for its own recycling. This recycling process propels business activity rapidly. Aluminum cans return fom the recycling bin to the store over and over again in a true closed loop.

- **Sustainability increases jobs**
  The sustainable nature of aluminum is increasing the size and economic impact of the entire industry. More than 155,000 workers are directly employed in the industry and fr each aluminum industry job, an additional 3.3 employment positions are created elsewhere.

- **A hundred years of aluminums sustainable success**
  Aluminum first entered the mainstream U.S. product market in the early 1900s, through applications in the aluminum fil and packaging industry. Additionally, nearly 75 percent of all aluminum ever produced is still in use.

- **Positive environmental impact**
  Not only does secondary aluminum production use less energy, it reduces landfill waste, contributes much lower greenhouse gas emissions and greatly reduces costly international transportation. A 10 percent increase in aluminum end-of-life recycling rates decreases industry greenhouse gas emissions by 15 percent.



- **Profit and purpose connection**
  Customers are increasingly looking to buy from companies with a strong sense of corporate responsibility and a solid environmental track record. As more companies see the link between sustainable manufacturing, customer loyalty and profits, the interest in recycled aluminum will continue to rise.

- **Beyond the can**
  The aluminum can is often the subject of recycling success stories and statistics, but the recycling rates in the auto and building/construction industries are even higher. More than 90 percent of aluminum used in automotive and construction applications is recycled.

- **Green goals achievement**
  Choosing aluminum pallets is a sustainability decision that pays off with every trip. Aluminum is one of the most recycled materials on earth. Recycling it takes about 95% less energy than producing new metal, and it can be recycled again and again without losing strength or quality. Unlike wood pallets, which wear out, get discarded, and are usually ground into mulch or fuel, our aluminum pallets stay in service for years. At the end of their long life they are recycled back into aluminum, not sent to a landfill. They also ship internationally without the heat treatment, chemical fumigation, or ISPM 15 stamping that wood requires. For companies working toward waste-reduction, circular-economy, and carbon goals, aluminum pallets turn a disposable expense into a durable, fully recyclable asset.

Own Aluminum Pallets as low as $1.98 a Month



Aluminum Pallet Capital Source knows and understands the aluminum pallet business. They have developed a number of leasing plans and provided financing for numerous companies --from established to start-up businesses. And they're easy to work with. That's why Aluminum Industries has formed an exclusive working arrangement with Aluminum Pallet Capital Source.

Think about it. With a nominal down payment and minimal monthly payments, you can start saving money immediately with state-of-the-art aluminum pallets from Aluminum Industries. Typical lease terms range from two to five years and with the variety of plans available, one is sure to be right for you.

Compare the one time investment you make with aluminum pallets to the continuous replacement costs you have with conventional wood or plastic pallets. When you get right down to it, leasing Aluminum Industries pallets through Aluminum Pallet Capital Source makes a lot of financial sense.

If you'd like further information about the advantages of leasing or would like to discuss your individual requirements, call today.



ARE YOU READY FOR THE FOOD SAFETY MODERNIZATION ACT (FSMA)?

Reusable aluminum pallets are vital to help companies meet current and future FSMA standards.

Aluminum Industries
4100 Bonner Industrial Drive
Shawnee, KS 66226
Tel: (913) 441-0073 Fax: (913) 441-0076

www.aluminum-pallet.com