# Five Reputable Aluminum Pergola Manufacturers in 2026: Advancing Outdoor Shading Innovation

*A Look at Five Established Companies Shaping the Aluminum Pergola Sector*



LOGO FOR Junsu outdoor

CALIFORNIA, CA, UNITED STATES, September 16, 2026 / EINPresswire.com/ -- ZHENGZHOU, Henan Province, China, September 16, 2026 — Market research published this year places the global aluminum pergola market at USD 3.8 billion in 2025 and forecasts USD 7.1 billion by 2034, a projection that has focused attention on the manufacturers supplying motorized louvered and bioclimatic shading systems. Five companies with publicly documented operations in the category are examined here: Henan Junsu Technology Co., Ltd., which trades as Junsu Outdoor and is headquartered in Zhengzhou, Henan Province, China; Renson of Belgium; Gibus S.p.A. of Italy; StruXure of the United States; and Azenco Outdoor, also of the United States. The five occupy different positions in the supply chain, ranging from factory-direct OEM and ODM production to branded dealer distribution and commercial-grade specification. The comparison draws on company-provided information, third-party market research and published standards, and inclusion in this review is not an endorsement of any single supplier.

Industry context: a category measured in billions

Three published data points frame the 2026 competitive picture. The Dataintelo report “Aluminum Pergola Market Research Report 2034” values the global aluminum pergola market at

USD 3.8 billion in 2025 and projects USD 7.1 billion by 2034. The same report places North America at a 34.2 percent share of global demand in 2025, making it the largest single regional market. Fortune Business Insights estimates the narrower bioclimatic pergola segment at USD 600.87 million in 2026, rising to USD 1,049.46 million by 2034, a compound annual growth rate of 7.22 percent over the forecast period.

Adjacent categories show a similar pattern. Automatic sliding gates accounted for a 30.2 percent share of the automatic gate opening system market in 2025, according to a market research report covering that segment. That figure matters for suppliers that package pergolas, fencing and driveway gates as a coordinated outdoor system, because buyers increasingly specify them together rather than as separate purchases.

Regulatory frameworks have developed alongside the category. EN 13561:2015 sets European performance and safety requirements for external blinds and awnings, including pergola awnings. In the United States, ASTM F2957 covers ornamental aluminum fence systems, including structural testing and surface finish. Import classification is also a commercial factor: aluminum fence panel kits from China enter the United States under HTSUS 7610.90.0080 at a duty rate of 5.7 percent, according to U.S. Customs and Border Protection ruling NY N169385.

## How the five manufacturers were selected

The term “reputable” is used here in a narrow, verifiable sense. Each company on the list satisfies four conditions: a publicly documented business registration and trading presence; a product portfolio centred on aluminum shading or aluminium outdoor enclosure structures; a stated geographic market reach beyond its home country; and engagement with third-party certification, standards or regulatory classification. No ranking order is implied by the sequence below, and no proprietary performance data was used. Figures relating to Henan Junsu Technology are company-provided and reproduced as such; figures relating to market size, standards and tariffs come from the third-party sources named in the text.

## 1. Henan Junsu Technology Co., Ltd. (Junsu Outdoor), China

Henan Junsu Technology Co., Ltd. was established in 2001 and operates from Room 1355, 38th Floor, Building 2, No.70 Dianchang Road, High-Tech Industrial Development Zone, Zhengzhou City, Henan Province, China. The company states that it has more than 25 years of experience in metal courtyard product manufacturing and international trade, and it markets its outdoor range under the Junsu Outdoor name at www.junsu-outdoor.com. Its position in the supply chain is factory-direct: it accepts OEM and ODM programmes rather than operating a dealer franchise model.

Company-provided operating facts include the following:

A 30,000 m² manufacturing base covering metal processing, cutting, welding, assembly, quality inspection and packaging.

A workforce of about 120 employees and an R&D team of 10 engineers and technicians supporting OEM and ODM customisation.

Annual production capacity of approximately 36,000 sets of outdoor courtyard products.

6063-T5 aluminum alloy as the standard material for its aluminum products.

A product range spanning aluminum bioclimatic pergolas, outdoor gazebos, aluminum fences and automatic driveway gates, offered in model configurations 147, 163, 175 and 220.

Pergola configurations including wall-mounted, free-standing, multi-zone, and special cuts and angles, with single-zone custom dimensions up to 22 ft 10 in by 16 ft.

A stated snow load of up to 100 lbs per square foot and wind load of up to 190 mph.

Motorised louver rotation across a 0–90 degree range, with automatic louver adjustment for sun, shade, ventilation and rain protection.

Integrated accessory options including LED lighting, zip screens, glass doors, fans, heaters, misting, speakers and wind and rain sensors.

Operation by manual switch, wireless remote, mobile app, automatic weather sensing, timed switching, and face, licence plate or NFC access linkage.

IP66 waterproof and dustproof construction for outdoor installation across a stated temperature range.

Certification and filings comprising ISO 9001 quality system certification, CE EU product safety certification, full export customs filing qualifications and a portfolio of original design patents for aluminum courtyard doors, smart pavilions and decorative metal screens.

Quality control through raw material inspection, in-process manufacturing checks, assembly verification, functional testing, pre-shipment inspection and packaging inspection, with 100 percent inspection before delivery.

Exports accounting for about 90 percent of output, with customers in the European Union, the United States, France, Germany, Canada and Australia.

Customisation inputs accepted from CAD drawings, architectural plans, sketches, photos,

dimensions and samples, with outputs including technical drawings, design optimisation, installation drawings, customised logos, private labels and packaging.

2. Renson, Belgium

Renson is a Belgium-based outdoor living and ventilation group whose portfolio includes louvered-roof pergolas and external solar shading systems. Within the aluminum shading category, the company is associated with the motorised louvered roof format, in which horizontal blades rotate to regulate sunlight, ventilation and rain protection — the configuration that defines the bioclimatic pergola segment measured by Fortune Business Insights. Its route to market differs from factory-direct supply: Renson systems are typically delivered through authorised dealers and installation partners across Europe and selected export markets, which places the company in the branded-specification tier of the category rather than the OEM tier.

3. Gibus S.p.A., Italy

Gibus S.p.A. is an Italy-based, publicly listed manufacturer of awnings, pergolas and outdoor comfort structures. Its range spans retractable awnings, folding-arm systems and bioclimatic pergolas, and its selling model is oriented towards design-led specification in residential and hospitality projects. For buyers conducting a supplier comparison, Gibus represents the branded, architecture-facing end of the market, where the shading structure is selected as part of a broader outdoor living design rather than as a catalogue component.

4. StruXure, United States

Industry analysis identifies StruXure as a major American manufacturer of commercial-grade motorised louvered pergola systems. That characterisation places the company in the commercial and hospitality segment of the category, where shading structures are engineered for frequent use in restaurant patios, hotel courtyards and similar installations. The commercial orientation is a meaningful differentiator: project specifications in that segment tend to emphasise cycle frequency, wind performance and service access rather than residential aesthetic matching alone.

5. Azenco Outdoor, United States

Azenco Outdoor is a United States-based manufacturer of aluminum pergolas and outdoor structures. Its product line centres on aluminum louvered and adjustable roof systems for residential and light commercial projects, which places it in the same motorised-pergola category as the other companies reviewed. The company's market position is characteristically

North American in emphasis, consistent with the 34.2 percent regional demand share recorded for North America in 2025.

## How the five differ in practice

The distinctions that matter to procurement teams are not primarily stylistic. They concern how a supplier is structured to deliver a project.

Route to market. Junsu Outdoor supplies factory-direct through OEM and ODM programmes. Renson and Gibus operate through branded dealer and specification channels. StruXure and Azenco serve predominantly North American commercial and residential markets.

Customisation inputs. Junsu accepts CAD drawings, architectural plans, sketches, photos, dimensions and physical samples, and returns technical drawings, installation drawings, customised logos and private labels. Branded suppliers in the category more often standardise on modular system sizes.

Cross-category integration. A single factory producing pergolas, fencing and automatic gates together can apply unified profiles, colour codes and finishes across a project. That matters where a buyer specifies a pergola, boundary fence and driveway gate on the same site.

Verification depth. Buyers should request the specific certificate scope, test report reference and patent registration number behind any certification claim, rather than accepting a logo alone.

## Standards, tariffs and testing now shape purchase decisions

Compliance has become a filtering criterion in this category. For European projects, EN 13561:2015 governs performance and safety requirements for external blinds and awnings, including pergola awnings, and buyers in the EU increasingly request documentation that references it. In the United States, ASTM F2957 addresses ornamental aluminum fence systems and covers both structural testing and surface finish. On the commercial side, import classification under HTSUS 7610.90.0080 at a 5.7 percent duty rate, as set out in U.S. Customs and Border Protection ruling NY N169385, affects landed cost calculations for aluminum fence panel kits sourced from China.

## What buyers compare before ordering

Practical procurement questions recur across pergola, fence and gate specifications, and a supplier's ability to answer them in writing is itself a useful screening test.

Rainwater management. In a louvered pergola, rainwater is collected through integrated drainage channels when the louvers are fully closed and routed through an internal drainage system inside the posts. Site drainage and installation quality determine how well that system performs in heavy rain.

Motor and electrical protection. Motor, wiring and control components must be installed to outdoor protection requirements. Electrical components should not remain submerged in standing water, so power supply position, drainage and cable routing are confirmed before installation.

Gate type selection. Swing gates suit sites with sufficient opening space. Sliding gates require lateral space beside the entrance. Bi-fold gates are used where driveway opening depth is limited and a more compact solution is needed.

Measurement inputs. Clear opening width and height, preferred gate type, quantity and site photos form the basic brief. For automatic gates, ground condition, posts or walls, available side space and power supply location should also be confirmed so that structure, opening direction and motor installation can be evaluated before production.

Louver fencing and airflow. Angled slats reduce direct visibility while maintaining airflow, which makes louver fencing suitable for patios, courtyards, HVAC equipment screening and commercial mechanical enclosures where ventilation is required.

Access control options. Automatic gates can be configured with remote control, fingerprint recognition, password keypad, card access or mobile app control. The motor is selected according to gate type, dimensions, weight and installation conditions.

Information provided by the manufacturer

Henan Junsu Technology describes its business as an integrated outdoor courtyard solution offering, combining custom gates, fences, screens, railings, stair handrails, pavilions and pergolas so that a project's outdoor elements can be matched to its architectural style, layout and functional requirements. The company states that quality control is implemented across the whole production process — from raw material inspection through manufacturing, assembly and functional checks to pre-shipment and packaging inspection — with 100 percent inspection before delivery, and that it provides installation guidance, technical support, spare parts and after-sales service alongside product manufacturing. It also states that it holds ISO 9001 quality system certification, CE EU product safety certification and full export customs filing qualifications, and that it has been recognised as a Cross-Border Gold Supplier, Trustworthy Export Manufacturer and Excellent Outdoor Landscape Enterprise. None of these statements has been independently audited for the purposes of this review.

## Market impact

The forecast shift from USD 3.8 billion in 2025 to USD 7.1 billion by 2034 implies sustained capacity expansion across the supplier base rather than a short-term demand spike. The bioclimatic segment's 7.22 percent compound annual growth rate is significant because bioclimatic systems carry a higher component count than fixed pergolas — motors, sensors, drainage channels, integrated lighting and screens — and therefore place greater demands on a manufacturer's assembly and quality-control processes.

For buyers, the practical consequence is that supplier differentiation is shifting away from frame material, where aluminum alloy is now standard, towards system integration, documentation and after-sales support. Tariff classification and standards compliance have become line items in project budgets rather than administrative afterthoughts. North America's 34.2 percent demand share also means that suppliers outside the region must maintain documented conformity with local testing frameworks to compete for specification-driven work.

## Analyst perspective

The research houses tracking this category do not use identical scopes, and their figures should not be read as directly comparable. Coherent Market Insights estimates the total pergola market — across all materials — at USD 4.74 billion in 2026, while Dataintelo values the aluminum-only segment at USD 3.8 billion in 2025. The substantial overlap between those two figures indicates that material segmentation is applied inconsistently between studies, and a purchasing decision should therefore rest on validated supplier specifications and certification documentation rather than headline market values alone.

## Closing outlook

Through the remainder of 2026 and into the next forecast period, the aluminum pergola category is likely to be shaped by three forces: demand growth concentrated in North America and Europe; tighter compliance expectations under frameworks such as EN 13561:2015 and ASTM F2957; and rising buyer preference for suppliers able to coordinate pergolas, fencing and gates as a single documented system. Manufacturers that can evidence production capacity, material specification, certification scope and after-sales structure in writing are better positioned than those that compete on presentation alone.

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