



About Us

Sectors

- Metro
- Regional Trains
- Light Rail Vehicles
- High Speed Train

Technology

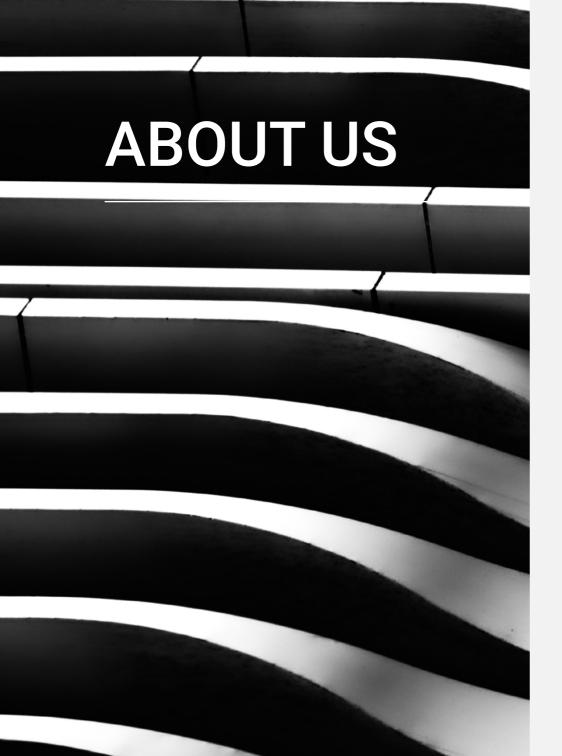
- Aluminum Extrusion
- Machining
- Joining Technologies
- Coating / Surface Treatment
- Installation
- Test Center

Innovation

- Product Development
- Engineering
- Project Management
- Quality Management
- Digitalization
- Supply Chain Management / Logistics

Sustainability

References



We are the youngest member of Yeşilova Group dedicated and experienced to supply innovative solutions for the railway industry.

We produce assembled interior parts with visual perfection such as ceiling modules integrated with lighting systems, roof arches, luggage racks, air ducts & noise dampers.

Long years of experience combined with the capacity of our state-of-the-art technology facility and our skilled teams we design and manufacture innovative products for railway systems.





- Ceiling Modules
- Interior Lighting
- Sidewall
- HVAC
- Roof arches (Voute panelling)



- Ceiling Modules
- Interior Lighting
- Luggage racks
- Sidewall
- HVAC
- Roof arches (Voute panelling)
- Window frames (with glazing)



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- Ceiling Modules
- Interior Lighting
- Sidewall
- HVAC



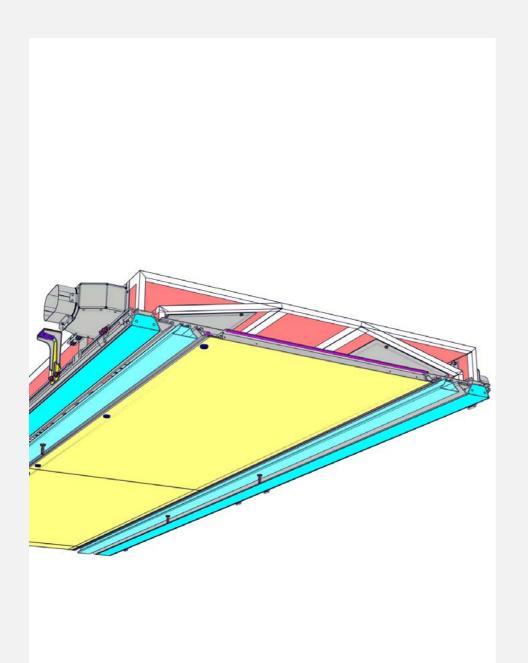
- > Ceiling Modules
- > Interior Lighting
- > Luggage racks
- > Sidewall
- > HVAC
- > Roof Arches
- > Aluminum Framed Side Glass

Ceiling Modul

We design, develop and manufacture the interior cladding ceiling group products of the vehicles in the rail systems sector as modular systems, meeting the expectations of customers such as aesthetics, strength, lightness, fireproofing and following international regulations.

Material: Aluminum, Steel, PC, Glass, Composite Panel, HPL, FRP, Insulation, Plastic, Adhesive, Fasteners, Lighting and Cabling Product Groups

Technology: Extrusion, Casting, Injection, Heat Treatment, Machining, Laser, Bending, Coating, Bonding, Welding, Cabling, Assembly



- > Ceiling Modules
- > Interior Lighting
- > Luggage racks
- > Sidewall
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- > Roof Arches
- > Aluminum Framed Side Glass

Interior Dressing Lighting

We design, develop and manufacture interior trim lighting products of vehicles in the rail systems sector as modular lighting systems, meeting the expectations of customers such as aesthetic, functional, long-lasting, ability to communicate with other product groups, and easy integration, and following international regulations.

Material: Aluminum, PC, Insulation, Plastic, Fasteners, Lighting and Cabling Product Groups

Technology: Extrusion, Injection, Led Lighting, Cabling, Assembly

Competencies: Product Design, Product Development, Assembly, Validation

- > Ceiling Modules
- > Interior Lighting
- > Luggage racks
- > Sidewall
- > HVAC
- > Roof Arches
- > Aluminum Framed Side Glass



Luggage Racks

We design, develop and manufacture interior cladding luggage rack products of vehicles in the rail systems sector as modular systems, meeting the expectations of customers such as aesthetics, strength, lightness, fireproofing and following international regulations. With the integration of the lighting group, we bring functionality and aesthetics to the fore.

Material: Aluminum, Steel, PC, Glass, Insulation, Plastic, Adhesive, Fasteners, Lighting and Cabling Product Groups

Technology: Extrusion, Casting, Injection, Heat Treatment, Machining, Laser, Bending, Coating, Bonding, Welding, Cabling, Assembly

- > Ceiling Modules
- > Interior Lighting
- > Luggage racks
- > Sidewall
- > HVAC
- > Roof Arches
- > Aluminum Framed Side Glass



Side Wall Panel

We design, develop and manufacture the interior cladding side wall group products of the vehicles in the rail systems sector, by meeting the expectations of customers such as aesthetics, strength, lightness, fireproofing, and following international regulations.

Material: Aluminum, Steel, Composite Panel, HPL, FRP, Insulation, Plastic, Adhesive, Fasteners Product Groups

Technology: Extrusion, Casting, Injection, Heat Treatment, Machining, Laser, Bending, Coating, Bonding, Welding, Assembly

- > Ceiling Modules
- > Interior Lighting
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HVAC

We design, develop and manufacture the interior cladding and ventilation products of the vehicles in the rail systems sector as modular systems, meeting the expectations of customers such as strength, lightness, non-flammability, insulation, noise damping, homogeneous heat distribution and following international regulations. Thanks to the horizontal and vertical grilles adapted to the products, we make the air circulation homogeneous.

Material: Aluminum, Steel, Composite Panel, Insulation, Plastic, Adhesive, Fasteners Product Groups

Technology: Extrusion, Casting, Injection, Heat Treatment, Machining, Laser, Bending, Coating, Bonding, Assembly

- > Ceiling Modules
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- > Sidewall
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Roof Arches

We design, develop and manufacture the interior cladding service cover products of the vehicles in the rail systems sector, meeting the expectations of customers such as aesthetics, strength, lightness, fireproofing, functionality and following international regulations.

Material: Aluminum, Steel, PC, Glass, Composite Panel, HPL, FRP, Insulation, Plastic, Adhesive, Fasteners, Lighting and Cabling Product Groups

Technology: Extrusion, Casting, Injection, Heat Treatment, Machining, Laser, Bending, Coating, Bonding, Welding, Cabling, Assembly

- > Ceiling Modules
- > Interior Lighting
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- > Sidewall
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- > Aluminum Framed Side Glass



Aluminum Framed Side Glass

We design, develop and manufacture the windshield and side glass products of the vehicles in the rail systems sector as modular systems, meeting the expectations of customers such as aesthetics, strength, lightness, functionality and following international regulations.

Material: Aluminum, Steel, Glass, Insulation, Plastic, Adhesive, Fasteners Product Groups

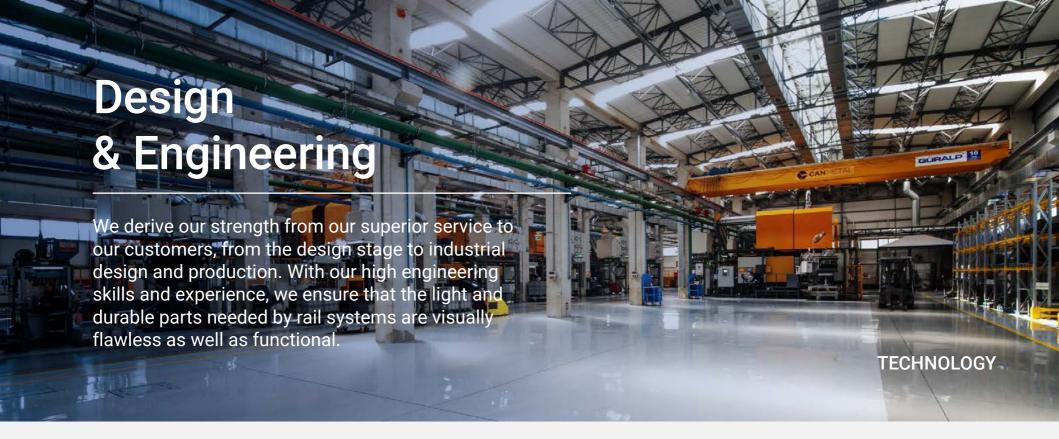
Technology: Extrusion, Casting, Injection, Heat Treatment, Machining, Waterjet, Bending, Coating, Bonding, Welding, Assembly

TECHNOLOGY & INNOVATION

- Extrusion / Injection
- Machining
- Joining Technologies
- Surface Treatment
- Installation
- Test Center

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- Product Development
- Engineering
- Project Management
- Quality Management
- Digitalization
- Supply Chain Management / Logistics



- Extrusion / Injection
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Aluminum Injection & Extrusion

Aluminum extrusion, rail systems sector; lightness, high strength, plays a leading role in reducing CO² emissions. With our deep experience and large press capacities in our integrated facility, we enable the production of hard alloy materials with a press capacity of more than 4000 tons, a weight of more than 20 kg per meter, and large sizes and lengths up to 30 meters, within narrow tolerances.

With our knowledge and experience in materials, we can perform simultaneous production with 5 different alloys and 1050 tons of press capacity for the expectations of the rail systems industry, thanks to full automation. We produce visual, structural and safety parts in the narrowest tolerances in our injection lines equipped with the latest technology.



- Extrusion / Injection
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Machining

We carry out quality production with our technology in our machinery park, which has an annual capacity of 8000 tons of aluminum profiles and precision processing;

- All cutting, drilling, grooving, roll threading, engraving (5 axes)
- CNC precision serial slicing (with 0.1 mm precision) operations
- Vibration and washing, cutting, surface and section brushing, chamfering operations
- We design special high-tech serial processing machines in line with customer projects
- There are serial assembly units prepared in accordance with customer projects.





- Extrusion / Injection
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Joining Technologies

For rail system parts, we produce in accordance with DIN 6701 (International Adhesion Standard). The bonding process is under control with a closed ventilated conditioned space. In addition, our processes are audited by certified experts within the company.



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Coating / Surface Treatment

We provide countless alternative color and texture appearance opportunities for aluminum. Profiles up to 7m in length are covered in QUALICOAT and SEASIDE standards in our 3,000 tons capacity facility. Special gloss and high-level visual requirements are provided in our paint shop and anodizing facility created in accordance with international standards.



- Extrusion / Injection
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Installation

We carry out all processes from production to installation within our own structure.

With our customer-oriented approach, we are able to offer prototype and simulation applications at every stage. After the designed products and equipment go through quality control processes, we carry out their assembly in accordance with the standards with our expert team working diligently.

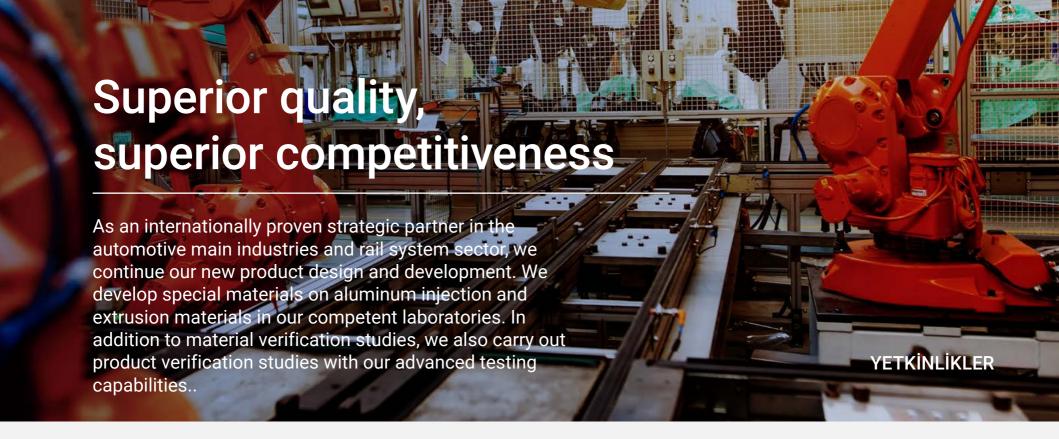


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Test Center

As Yeşilova Holding R&D Center, we conduct research and test studies on both material and product basis.

Our laboratory team, which consists of competent employees, performs metallographic and mechanical experiments to determine the characteristic properties of materials. At the same time, we carry out strength tests and environmental tests such as dimensional and mechanical verification, material verification, paint and surface verification, and environmental tests at the customer's workplace, with our devices with which we can test product expectations.



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Product Development

Research and Development is a priority for Yeşilova. Innovation is a key factor for success by differentiating our products and services.

Through innovation, Yeşilova aims to anticipate new technological trends and offer differentiating products that meet efficiency, lightness, cost, quality and safety requirements. We work closely with automakers when designing and manufacturing our products, from the early stages of development to final production. In addition to allowing us to meet their expectations in terms of current products, this collaboration facilitates the joint development of bodily concepts and technologies for the future.

Yeşilova is constantly working to develop lighter vehicles. Mitigation is one of Yeşilova's main research areas. This is one of the most demanded requirements in the automotive industry due to the need to improve fuel efficiency and reduce CO2 emissions.



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Engineering

Agile project management that meets automotive industry requirements with PMI methodology; team management; Management in line with customer specific requests, solution-oriented, customer-oriented, proactive, perfect customer experience.



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Project Management

While we work with a focus on creating a perfect customer experience for every project we undertake, we act with an agile management approach that meets the requirements of the automotive industry with the PMI methodology. We follow solution-oriented approaches with our proactive teams that take into account the special requests of our customers.



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Quality Management

Conforming to OEM standards, IATF 16949, Q1 environmental sustainability, OHS, traceability, QDMS, digital transformation, green consensus, CMM, EOL control technology.

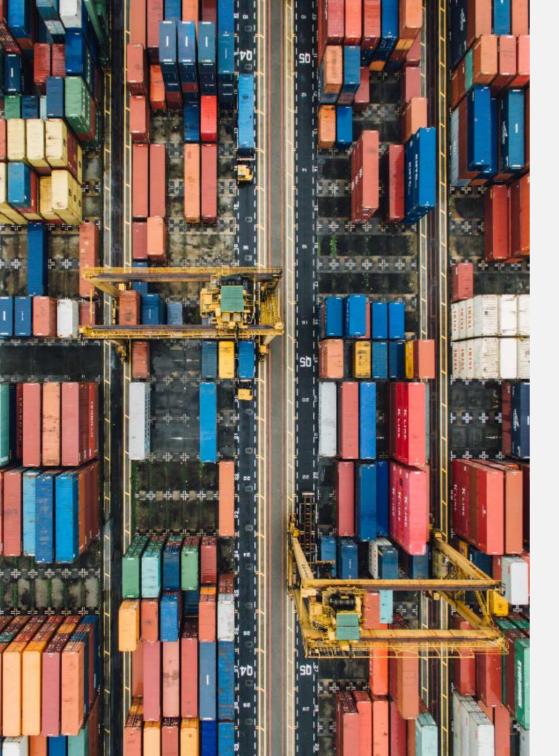
We serve as a strategic solution partner that our customers trust, with our innovative products made of aluminum systems in international quality standards and easily applicable solutions even for the most difficult project details.



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Digitalization

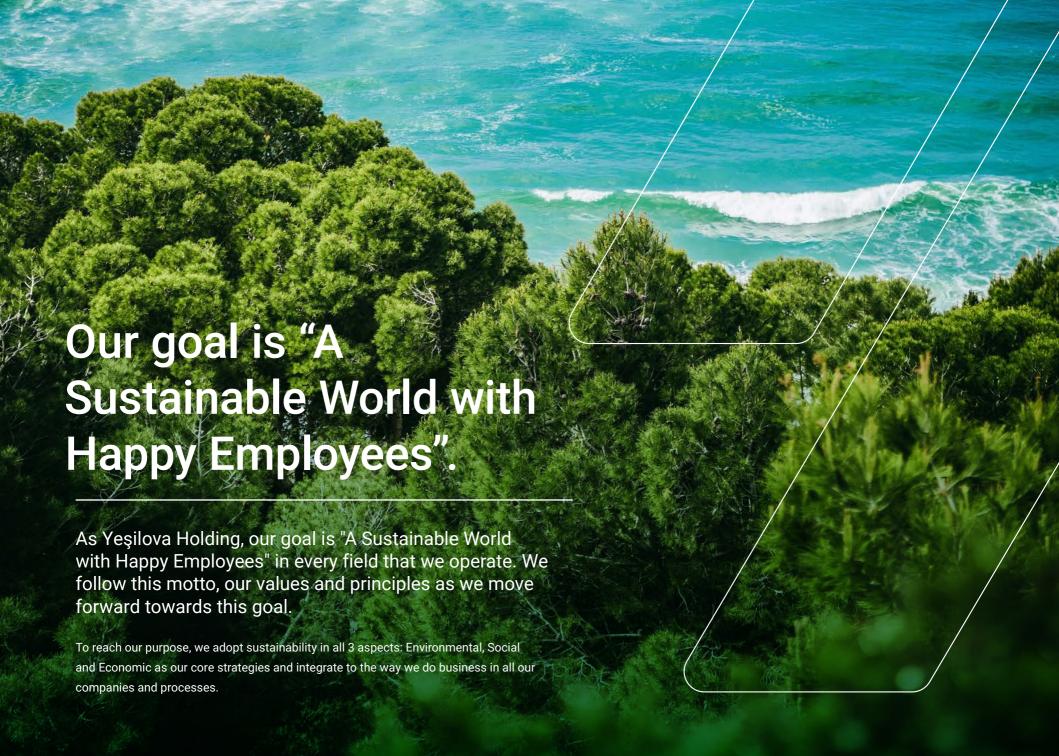
We continue to digitize at full speed in all our business processes, from design to production. In this direction, we continue our work and practices unceasingly.



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Supply Chain Management / Logistics

By integrating with eba, customers can see where their products are live.



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