

**Timeless solutions for those
who focus on quality**

CORPORATE PRESENTATION 2024

www.elbialuminyum.com.tr



ELBIALUMINIUM™

**Our heart
beats for
aluminium**



ELBiALUMINIUM™



ABOUT ELBİ ALUMINIUM

To a new future with the power of 43 years

With Elbi Aluminium, which we added to our group companies, we set out on a new journey to increase not only high-quality products but also the quality of life.

We produce high-quality extrusion aluminium products in our factory with an annual net capacity of 4800 tons, which we established in Sincan 2nd OSB. We provide a reliable and sustainable service for high value-added industries such as solar and shading systems, metal industry, lighting, heating - cooling systems and automotive.

With our qualified and experienced staff and our business approach based on being faithful to our word, we repay the trust placed in us and continue to progress on the path to the future with the power of 43 years.

High quality high efficiency

Elbi Aluminium is a corporate company that constantly invests in the future and technology, aiming to provide its customers with timely, error-free and high-quality products.



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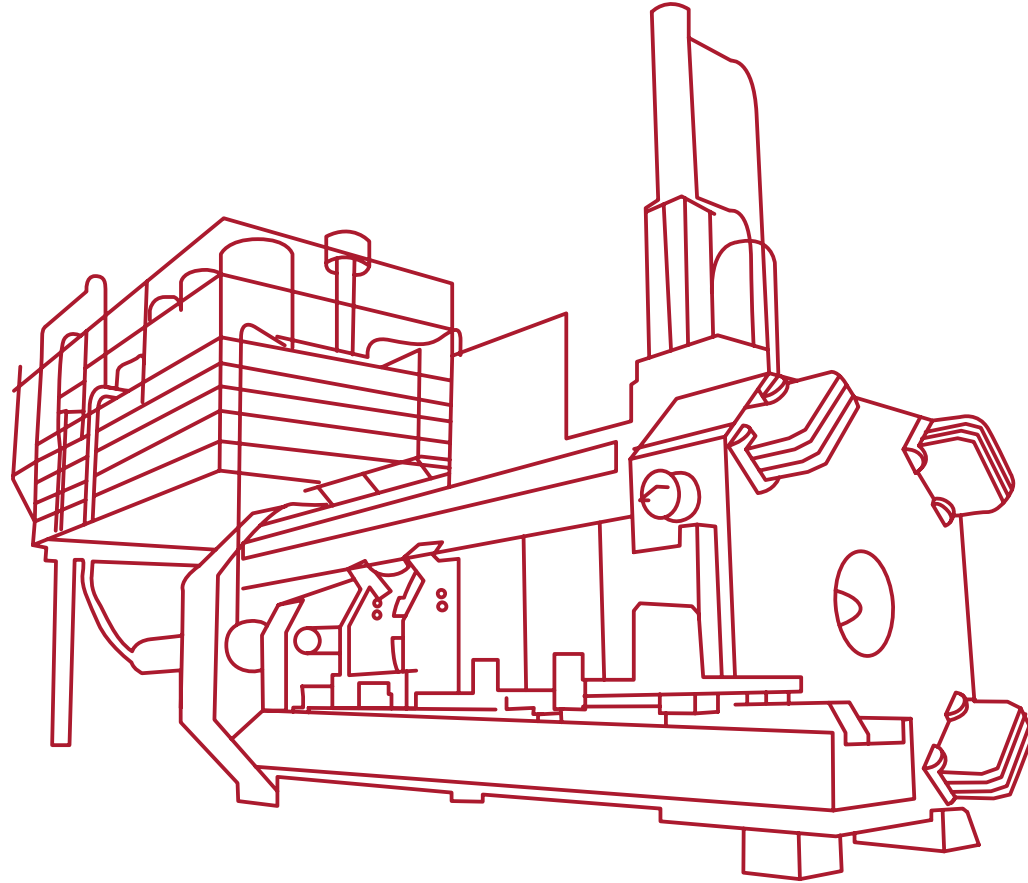
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**Production at
national and
international
quality
standards**

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ELBI ALUMINIUM™



Automatic extrusion line with 6''' press machine

Elbi Aluminium has the capacity to meet annual net demands of 4800 tons and above thanks to its ability to produce extruded aluminum profiles in different compounds with its fully automatic 6''' Press and 6 inc. 3 m. Quench Cooling Systems.





**Precise,
solid and
high quality
die production**

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ELBI ALUMINIUM™



Increased extrusion performance from the use of high-quality aluminium billets

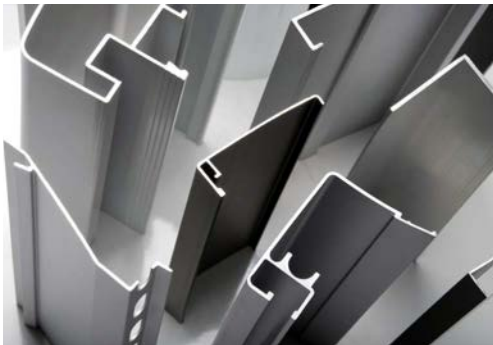
The surface quality of the billets used by Elbi Aluminium is quite high. This prevents surface from defects during the extrusion process.

Our Production Processes



Production with Dies

Elbi Aluminium gives great importance to die production for the production of high quality extruded aluminum profile products. We produce dies with the highest level of quality, dimensional tolerance precision, profile surface precision, die life and efficiency.



Extrusion Press

It has a net capacity of 4800 tons and above per year thanks to its capacity to produce extruded aluminium profiles in different alloys with its fully automatic 6''' Press and 6 inc. 3 m. Quench Cooling Systems.



Powder Coating

Elbi Aluminium, with its electrostatic powder coating system, is recording an increasing number of special colors in addition to RAL colors in different sections.



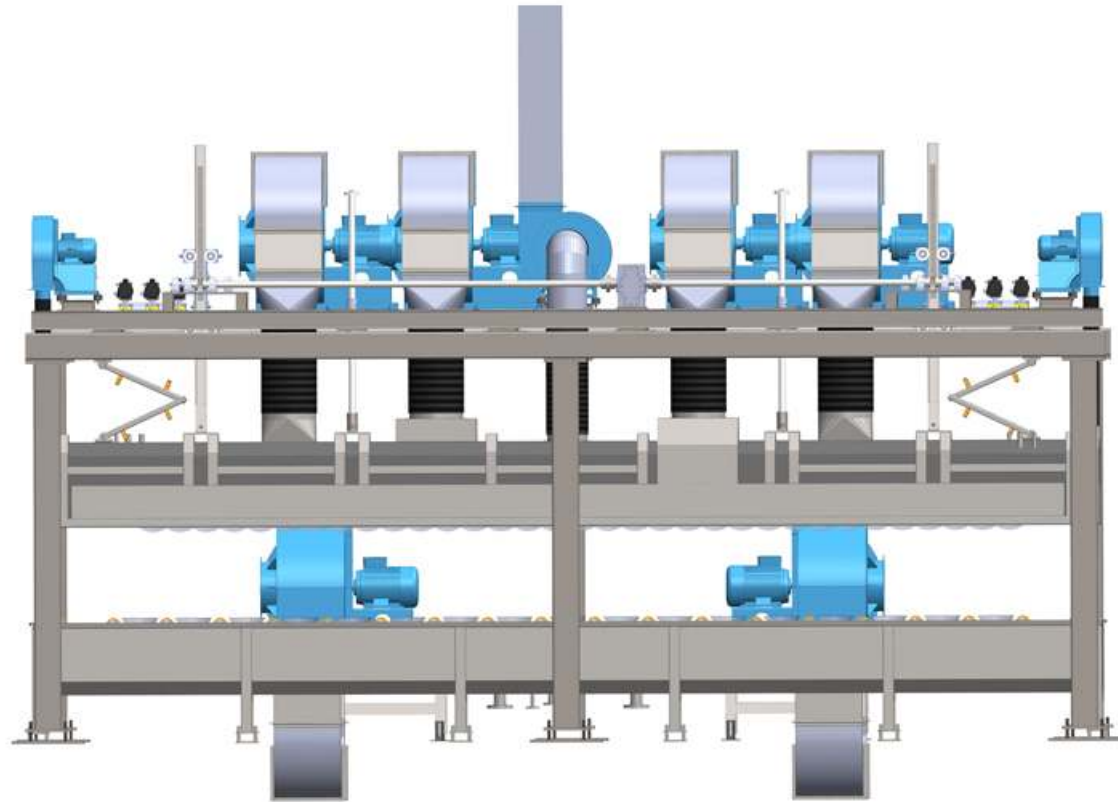
Mechanical Processing

Elbi Aluminium various mechanical processes such as cutting, drilling, milling allow profiles to be brought to the required dimensions.



Packaging and Logistics

Elbi Aluminium, with its mission to provide flawless service, offers solutions that make life easier for its customers with packaging and logistics systems and qualified manpower that meet national and international quality standards.



6 Inc 3m Quench Cooling Systems

Bottom and top proportional pulverized water- or air-cooling systems are used. Profiles coming out of the extrusion press can be subjected to different types of quench processes depending on their dimensions, alloy, extrusion speed and desired temperature.

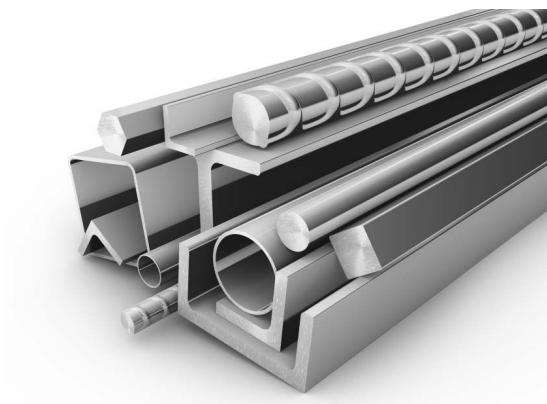


**Production
of high-quality
extruded
aluminum
profiles**

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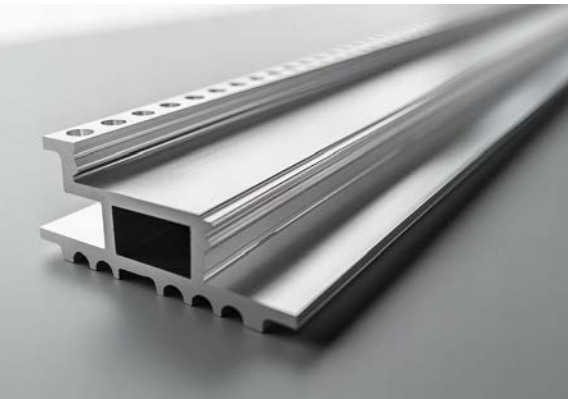
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Aluminium Extrusion Product Groups



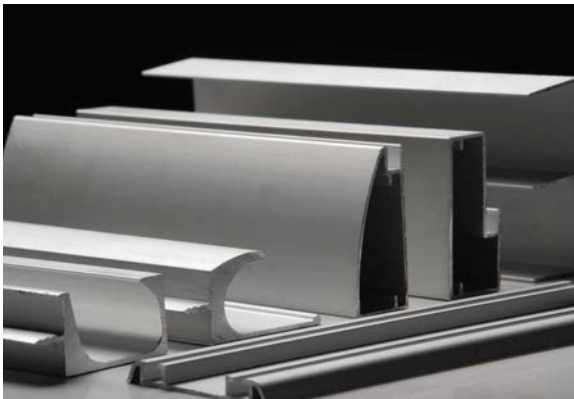
Aluminium Standard Profiles

Aluminium Standard Profiles consist of box profile, sheet profile, rectangular profile, L angle profile, pipe profile, round solid profile, square profile, t profile, hexagonal profiles.



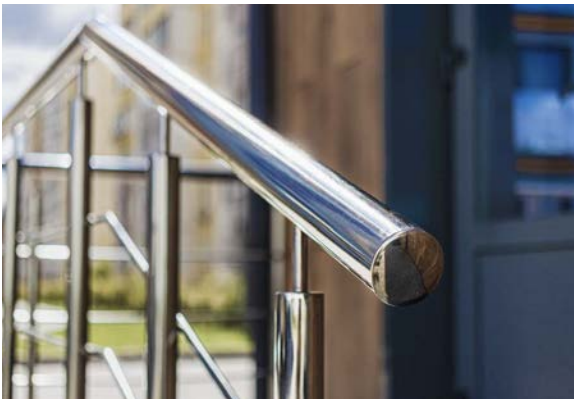
Construction Sector Profiles

The strength of various aluminium alloys is equal to or higher than the strength of normal structural steel.



Aluminium Furniture Profiles

Their presence in the design ensures that furniture works without interruption and difficulty. Aluminium profiles of different sizes, shapes and colors are used in the production of furniture types.



Special System Handrail Railing Profiles

Aluminium is a durable product. Due to its durability, it is highly preferred in the construction sector in exterior cladding processes and handrail railings.



**We serve as
a solution
partner for
many national
and
international
sectors**

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Industries

SOLAR AND SHADING SYSTEMS
TRANSPORTATION
CONSTRUCTION SECTOR
LIGHTING
HEATING AND COOLING SYSTEMS
FURNITURE
PACKAGING AND FOOD SECTOR
MEDICAL AND HEALTH SECTOR
SPACE AND AVIATION
CONSUMER ELECTRONICS

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CO₂ Emission

Elbi Aluminium fulfills its responsibilities to move society and people forward and to pass on our world to future generations in the best possible way.



Fabrikanın dışarıdan görüntüsü

Fabrikanın dışarıdan görüntüsü



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