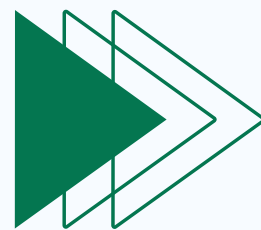




**PACKAGING GREEN**  
ALUMINUM AND  
MACHINERY IND. TRADE  
CO. LTD.



# CATALOG

[www.packaginggreenaluminum.com](http://www.packaginggreenaluminum.com)



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# CONTENT

- **Promotion**
- **Mission and Vision**
- **Capacities**
- **Products**
- **Certificates**
- **Communication**

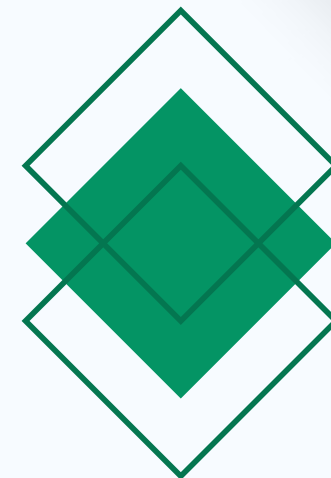


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# INTRODUCTION

Specializing in aluminum alloy ingot production, our company prioritizes reliability and quality in the industry. With our headquarters in Germany and our production facility in Turkey, we combine our global perspective with our local manufacturing capabilities. In line with our sustainability approach, we use 100% recycled materials in production and adopt an environmentally responsible manufacturing approach.

We invest in constantly evolving technologies to maximize customer satisfaction and guarantee quality at every stage with the expertise of our employees.





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# MISSION

We utilize 100% recycled materials, highly energy-efficient systems, and environmentally responsible practices at every stage of production. Our goal is to fully meet the needs of a wide range of industries, from automotive and appliance sub-industry to defense and aerospace, and to establish long-term partnerships as a trusted solution partner, leveraging our 10,800-ton annual capacity, modern production infrastructure, and expert team.

# VISION

We aim to be one of Turkey's leading manufacturers of aluminum alloy ingots and a leading global brand. We aim to achieve this through our headquarters in Germany, a strong presence in global markets, high export rates, sustainable production technologies, and an environmentally friendly approach.





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# CAPACITIES

We operate at our factory in Turkey with an annual production capacity of 10,800 tons. Our modern casting technologies allow us to precisely achieve the homogeneous structure and composition of alloys. Our 7,316 m<sup>2</sup> factory area and 2,674 m<sup>2</sup> indoor area are staffed by more than 30 expert employees who play an active role in every phase of production. Twenty-five percent of our products are exported and reach global markets through our headquarters in Germany. We utilize advanced quality control mechanisms in our production processes, rigorously testing each batch to ensure reliable products that meet international standards. Thanks to our flexible production structure, we can offer customized solutions beyond the standard 46000 series alloys to meet customer demands.

Our capacity demonstrates its strength not only with tonnage, but also with on-time delivery, a reliable supply chain, and the compatible solutions we offer to different sectors.



**White Goods  
Sub-Industry**



**Defense Industry  
and Aviation**



**Automotive Industry**





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# PRODUCTS



Number	Chemical Symbol	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Pb	Sn	Ti
EN AC 46000	EN AC- <chem>AlSi9Cu3(Fe)</chem>	8,0-11,0	0,06-1,1 (1,3)	2,0-4,0	0,55	0,15-0,55 (0,05-0,55)	0,15	0,55	1,2	0,35	0,25	0,20 (0,25)
EN AC 46100	EN AC- <chem>AlSi11Cu2(Fe)</chem>	10,0-12,0	0,45-1,0 (1,1)	1,5-2,5	0,55	0,30	0,15	0,45	1,7	0,25	0,25	0,20 (0,25)
EN AC 46100	EN AC- <chem>AlSi11Cu2(Fe)Zn1,4</chem>	10,0-12,0	0,45-1,0 (1,1)	1,5-2,5	0,55	0,30	0,15	0,45	1,4	0,25	0,25	0,20 (0,25)
EN AC 46200	EN AC- <chem>AlSi8Cu3</chem>	7,5-9,5	0,7 (0,8)	2,0-3,5	0,15-0,65	0,15-0,55 (0,05-0,55)	-	0,35	1,2	0,25	0,15	0,20 (0,25)
EN AC 46300	EN AC- <chem>AlSi7Cu3Mg</chem>	6,5-8,0	0,7 (0,8)	3,0-4,0	0,20-0,65	0,35-0,60 (0,30-0,60)	-	0,30	0,65	0,15	0,10	0,20 (0,25)
EN AC 46400	EN AC- <chem>AlSi9Cu1Mg</chem>	8,3-9,7	0,7 (0,8)	0,8-1,3	0,15-0,55	0,30-0,65 (0,25-0,65)	-	0,20	0,8	0,10	0,10	0,10-0,18 (0,10-0,20)
EN AC 46500	EN AC- <chem>AlSi9Cu3(Fe)(Zn)</chem>	8,0-11,0	0,6-1,20 (1,3)	2,0-4,0	0,55	0,15-0,55 (0,05-0,55)	0,15	0,55	3,0	0,35	0,25	0,20 (0,25)
EN AC 46600	EN AC- <chem>AlSi7Cu2</chem>	6,0-8,0	0,7 (0,8)	1,5-2,5	0,15-0,65	0,35	-	0,35	1,0	0,25	0,15	0,20 (0,25)
EN AC 47000	EN AC- <chem>AlSi12(Cu)</chem>	10,5-13,5	0,7 (0,8)	0,9 (1,0)	0,05-0,55	0,35	0,10	0,30	0,55	0,20	0,10	0,15 (0,20)
EN AC 47100	EN AC- <chem>AlSi12Cu1(Fe)</chem>	10,5-13,5	0,6-1,1 (1,3)	0,7-1,2	0,55	0,35	0,10	0,30	0,55	0,20	0,10	0,15 (0,20)
EN AC 48000	EN AC- <chem>AlSi12CuNiMg</chem>	10,5-13,5	0,6 (0,7)	0,8-1,5	0,35	0,9-1,5 (0,8-1,5)	-	0,7-1,3	0,35	-	-	0,20 (0,25)



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# PRODUCTS





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# OUR CERTIFICATES

**ISO 14001:2015  
ENVIRONMENTAL  
MANAGEMENT  
SYSTEM**

**IATF 16949  
QUALITY MANAGEMENT**

**ISO 9001:2015  
QUALITY MANAGEMENT  
SYSTEM**

**OHSAS  
18001:2007  
OCCUPATIONAL  
HEALTH AND  
SAFETY**





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