

# ALCAS®

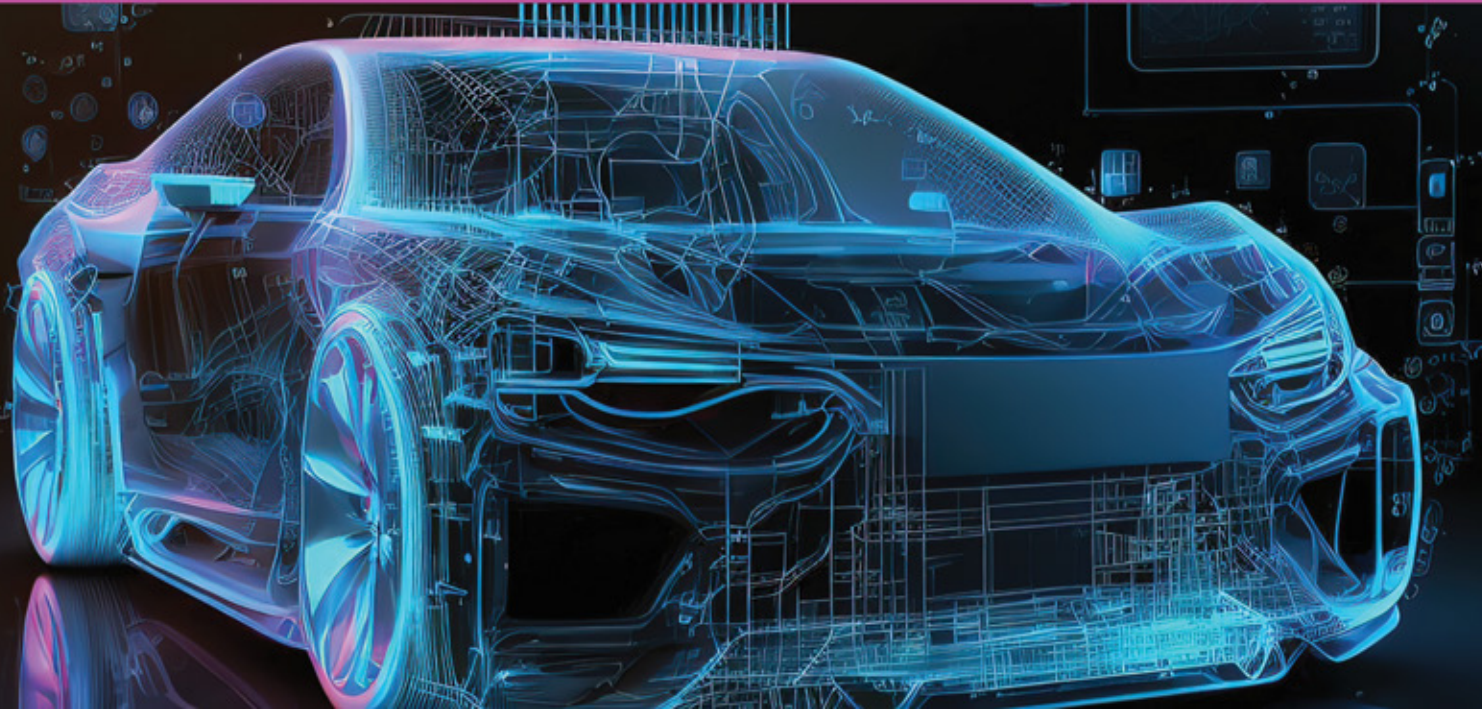


## AUTOMOTIVE GROUP PRESENTATION

Otomotiv Grubu Tanıtımı / 2024

Profil Katalogu / 2024  
Profile Catalogue

*World's new profile systems*



# CONTACT



## SALES OFFICE

### Address

Hurriyet Bulvari, Skypart Residence K15  
D:148 Beylikduzu, Istanbul / TÜRKİYE

### Phone

+90 444 36 44 | +90 212 871 15 44

### E-mail

alcas@alcas.com.tr



## HEAD OFFICE

### Address

Cumhuriyet Mh. Kaya Milenyum Plaza  
K7 D:139 Beykent, Istanbul / TÜRKİYE

### Phone

+90 212 871 15 44

### E-mail

alcas@alcas.com.tr



## FACTORY

### Address

Velimese Organize Sanayi Bolgesi Mh.  
129 Sk. No:11/1 Ergene, Tekirdag/ TÜRKİYE

### Phone

+90 282 674 51 75

### E-mail

fabrika@alcas.com.tr



# ABOUT US



# ABOUT US



- ALCAS aluminum facility, built on a land of 42.000 m<sup>2</sup>, specially established for aluminum product production, where 420 qualified personnel are employed in Turkiye.

- Alcas have 5 extrusion presses in the factory with 4.400 UST, 2.750 UST, 1800 UST, 1540 UST and 880 UST pressing

- The annual production capacity is 34.000 tons and all kind of products which have width of 5 mm to 410 mm can be produced.



- Annual capacity of anodizing plant is 11.000 tons.

- Max. anodizing length is 7,60 meters and max. anodizing layer thickness is 20 microns.

- It is possible to make natural, polished bright, brushed matt and electrochemical bright dip anodizing in silver, yellow, bronze and black colors in our high-tech anodizing plant.

- Annual capacity of powder coating line is 18.000 tons.



- The products in a max. length of 13,4 meters can be powder coated with epoxy, polyester,

- epoxy polyester & metallic powders in 180 different RAL colors and special colors for solid and textured surfaces.

- Annual capacity of extrusion die shop is 2400 mold /die.

- The extrusion molds / dies of all products that Alcas produce are made by own extrusion die shop by high-tech CNC Machines inhouse.



# ABOUT US



- Alcas can extrude EN AW-6063, 6060, 6061, 6005, 6005A, 6463, 6082, 1050A and 1070A series alloys.
- Alcas can also produce high strengthened products with hard alloys like EN AW 6082-T6 (F31) thanks to the pressured air and water quenching units installed on extrusion presses.



- All the extruded products, that Alcas produce, conform with EN 755-9 / EN 12020-2 standards.
- Machining processes like cutting, punching drilling, bending, deburring, CNC machining and barcoding can be made by advanced Machining Department.
- Alcas machine and package the products due to the custom drawings and demands.

# ABOUT US



- Alcas technical team, who are specialist in automotive, work to improve existing products and produce new products.
- All products are being tested, R&D department works to provide customers the perfect products and meets customers' requests regarding products urgently.



- Alcas export 85% of products to 34 countries, to mainly USA and European countries.
- Alcas provide fast, local, and reliable service to customers thanks to connections and offices located in many countries.



# ABOUT US



- ALCAS has IATF 16949:2016, ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018 System Certificates and licences and product quality certificates like CE, UKCA, QUALANOD, QUALICOAT, TSE.

- Alcas is ready to offer you the best products systems and after-sales service with high-capacity production facility, wide range of product series and production experience.



# OUR STORY



1991  
Establishment



1993  
Establishment of a  
workshop -  
Mechanical Process



1995  
Moved 2nd Facility  
1500 m<sup>2</sup>



1997  
Moved and Purchased  
3rd Facility, 3500 m<sup>2</sup>



2000  
Establishment of  
R&D and Desing  
Departments



2005  
Establishment of  
Factory



2006  
Establishment of  
Electrostatic  
Paint Line and  
Die Production Line



2007  
Establishment of  
Eloxal / Anodizing  
Production Line



2017  
Establishment of  
the company  
Alcas Metal Inc. USA



2017  
IATF 16949:2016  
Certifications



2021  
Modernization  
of Factory  
Fully Integrated  
Facility



2023  
Establishment of  
the company  
Alcas Metal GbmH  
Germany



2023  
Establishment of  
the company  
Alcas Metal UK



2023  
Establishment of  
Automotive Group  
Activities





# FACTORY



# KEY FIGURES



Companies & Branchs

500



ICI

%85 %15



Gender



Average  
of Age

2000



R&D

**ALCAS**<sup>®</sup>  
ALÜMİNYUM SANAYİ A.Ş.

**ALCAS**<sup>®</sup>  
Metal sanayi a.ş

**ALU** AUTOMOTIVE ALCAS

**NC** Nur Cephe<sup>®</sup>  
SİSTEMLERİ

**ALCASENERJİ**<sup>®</sup>

**innowall**<sup>®</sup>  
iç mimari sistemleri

**AluGarden**<sup>®</sup>  
Outdoor Systems

**MAY YAPIT**<sup>®</sup>



# OUR VALUES



STRATEGIC  
PARTNERSHIP



QUALITY



AGILITY



CUSTOMER  
ORIENTATION

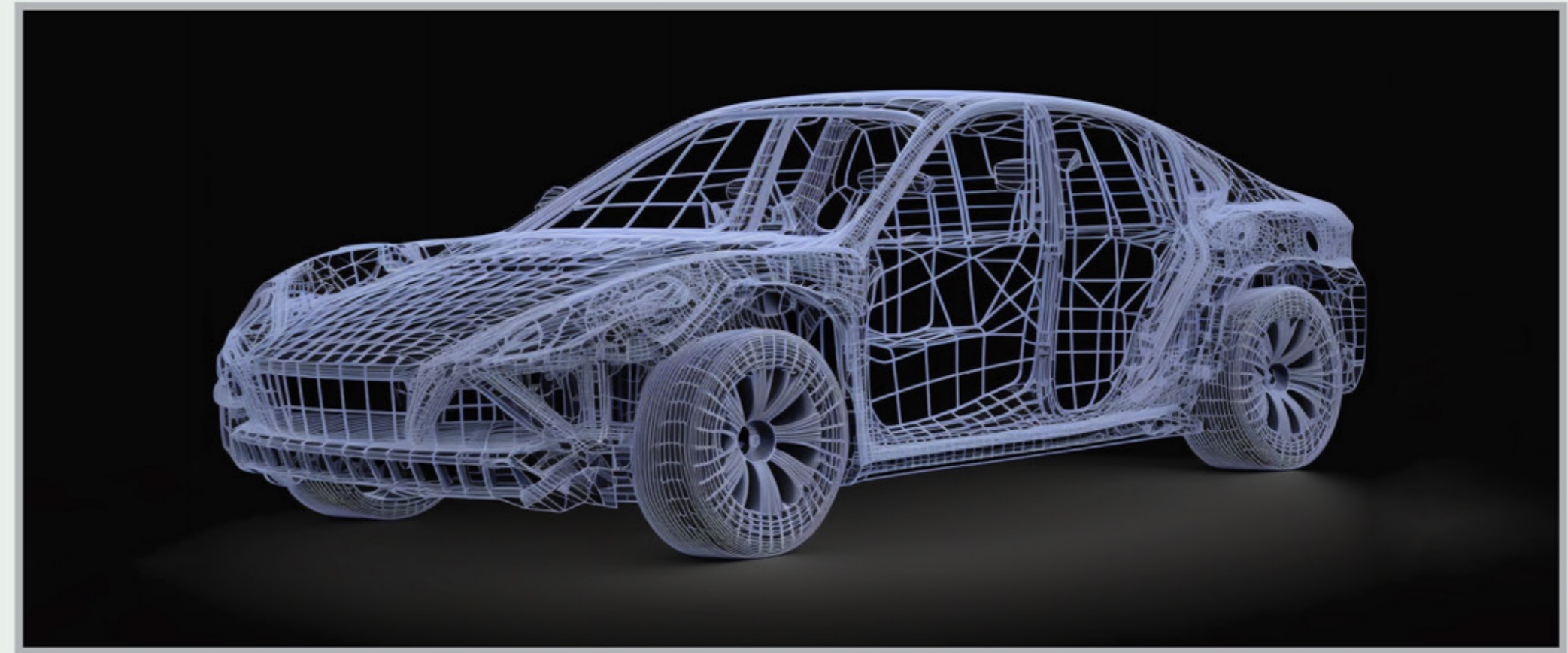


SUSTAINABILITY



# PRODUCT & SERVICE

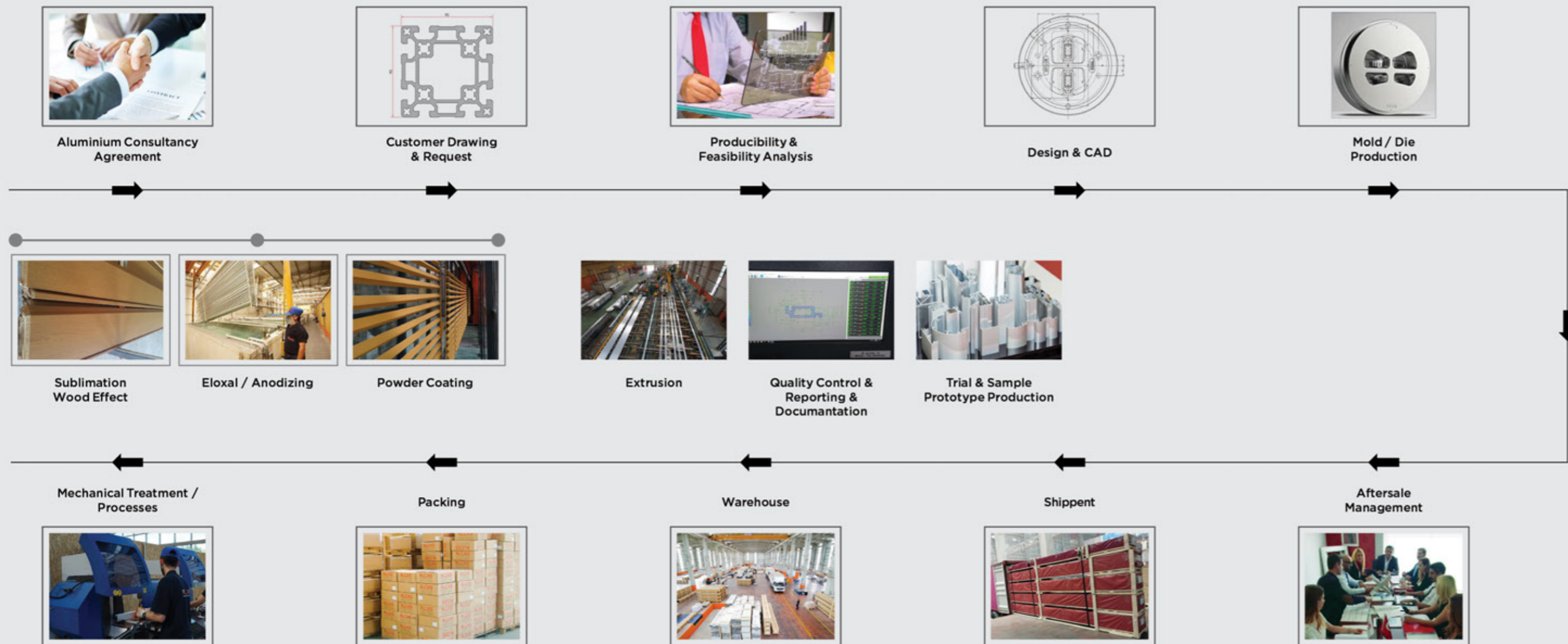
- Aluminum Extruded Profiles / Products
- Aluminum Extrusion
- Aluminum Surface Process - Anodizing / Eloxal
- Aluminum Surface Process - Powder Coating
- Aluminum Surface Process - Sublimation & Wood Effect
- Mechanical Treatment / Processes
- Prototype & Sample Production
- Producibility & Feasibility Analysis
- Aluminium Consultancy Agreement
- Stock & Warehouse & Logistic Management





# PROCESS

# PROCESS





# TECHNOLOGY



- Aluminum Extrusion Lines
- 4.400 UST / 10" - Inch
- 2.750 UST / 8" - Inch
- 1.800 UST / 7" - Inch
- 1.540 UST / 6" - Inch
- 880 UST / 4,5" - Inch
- Extrusion Molds / Dies Production Line
- Anodizing / Eloxal Production Lines
- Powder Coating / Painting Production Line
- Sublimation & Wood Effect Production Line
- Packing Machines

- Mechanical Treatment / Processes
- 5-Axis CNC Center
- 8 CNC Horizontal Machining Center
- 6 CNC Double Head Sawing Machines
- 3 Automatic Sawing Machines
- 3 Different Size Punching Presses
- Vibration Deburring Machine with Dryer
- Drilling Machines

# CAPACITY



- Facility built on a land of 42.000 m<sup>2</sup>
- 420 qualified personnel
- Annual capacity of mold / die shop is 2400 dies
- 5 Extrusion presses
- Annual production capacity is 34.000 tons
- 5 mm to 410 mm
- EN AW-6063, 6060, 6061, 6005, 6005A, 6463, 6082, 1050A, 1070A series alloys
- High strengthened products with pressured air and water quenching units
- EN 755-9 / EN 12020-2 standards and special tolerances
- Annual capacity of Eloxal / anodizing is 11.000 tons
- Max. anodizing length is 7,60 meters
- Max. anodizing layer thickness is 20 microns
- Annual capacity of powder coating is 18.000 tons
- 180 different RAL colors and special colors
- High-capacity and high-tech CNC Machines



# EMPLOYEES



# FACILITIES





# FACTORY





# FACILITIES



# FACILITIES



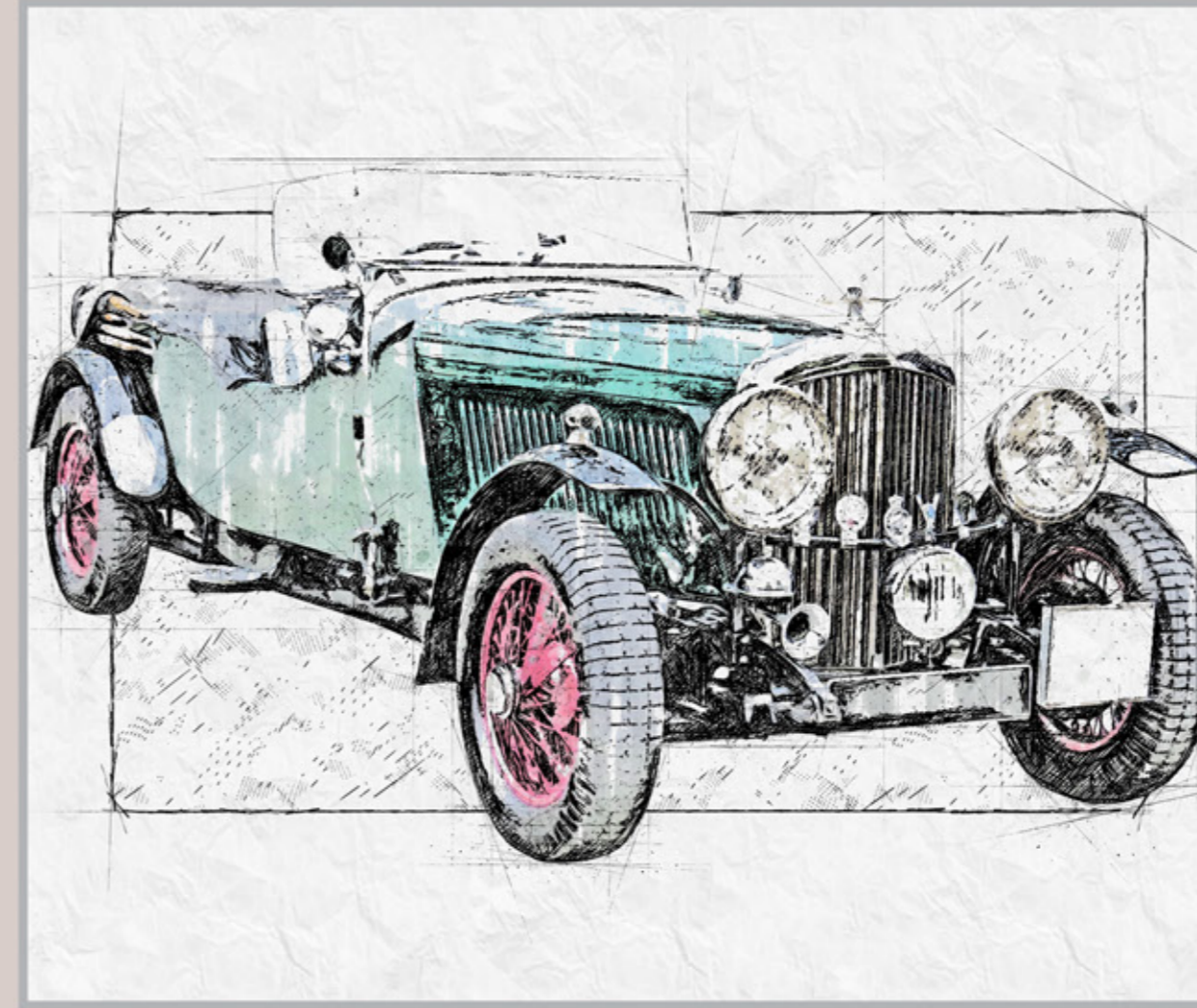


# ENGINEERING



- Autocad
- 3DS Max
- Sketchup
- Mastercam
- Producibility
- Feasibility
- Design
- 2D & 3D

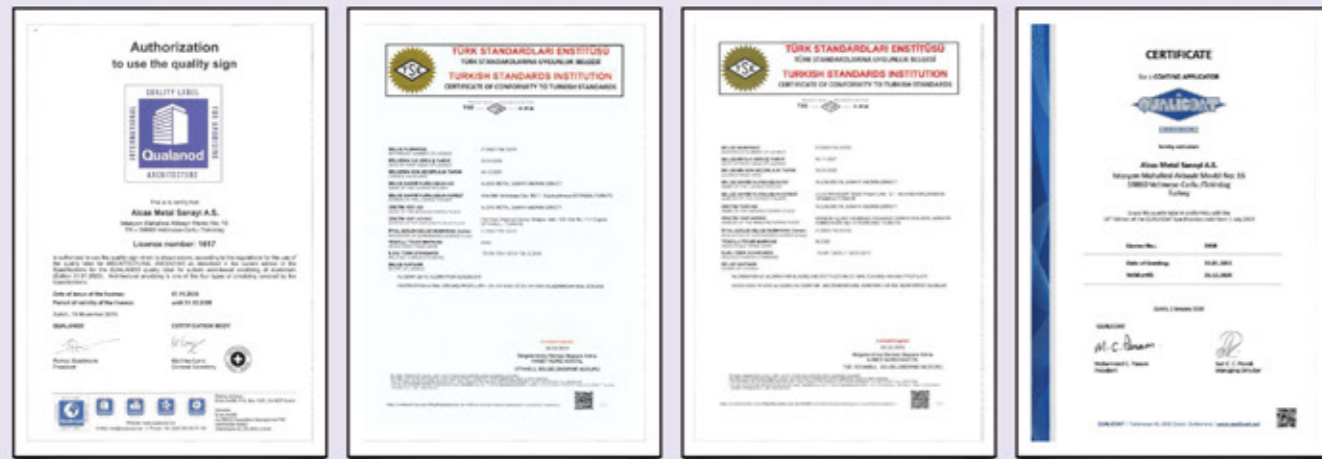
# PRODUCT RANGE



- Buses & Caravans Solutions
- Ventilation Systems
- Luggage Rack Systems
- Body & Chassis Solutions
- Crash Management Systems Solutions
- Door Aluminium Parts
- Aluminium Parts
- Aluminium Trim Parts
- Functional Parts
- Special Solutions
- Visual Parts
- Battery Solutions



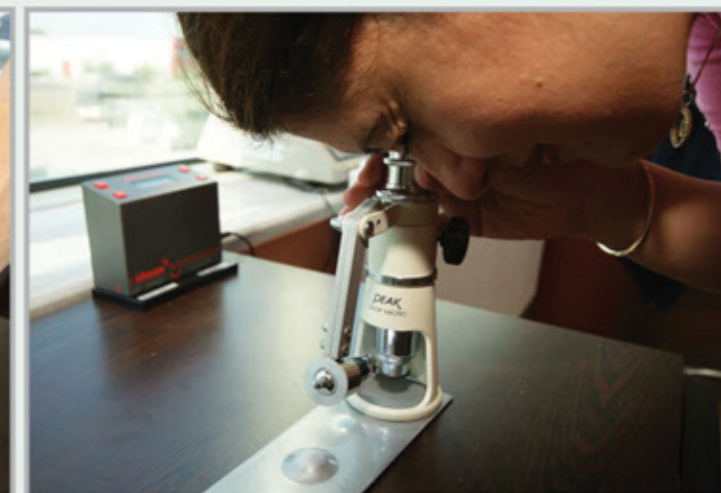
# CERTIFICATIONS



- IATF 16949:2016 Automotive QMS
- ISO 9001:2015 Quality MS
- ISO 45001:2018 Health and Safety MS
- ISO 14001:2015 Environmental MS
- TS EN 12020 Product Quality
- TS EN 755 Product Quality
- Qualanod Anodizing Product Quality
- Qualicoat Powder Coating Quality
- CE - EN 15088:2005 & UKCA
- TS 4922 Anodizing Product Quality
- 14064 Greenhouse
- 14067 Greenhouse



# TEST CAPABILITIES



- Mechanical Properties Laboratory
- Optical Measuring Devices
- Surface - Anodizing / Eloxal Laboratory
- Surface - Powder Coating Laboratory
- Spectrometer
- Tensile & Hardness Tests
- Incoming Quality Controls
- In-Line Process Controls
- Final & End-Of-Line Controls
- PPAP & New Product Realization Systems



# ALCAS®

Metal sanayi a.ş

alcasmetal  +90 212 871 17 81

alcasmetal  @alcas@alcas.com.tr

alcasmetal  www.alcas.com.tr

alcasmetal  Yakuplu, Merkez Mah. Hürriyet Blv. Skyport Residence Kat: 15 No: 148 Beylikdüzü - İstanbul / TÜRKİYE

alcasaluminum  Velimeşe OSB 129.Sok.11/1 Ergene - Tekirdağ / TÜRKİYE  +90 282 674 5175



Dünyanın yeni profil sistemi

