
PMS
PMS
ALÜMİNYUM
Alüminyumda
Tüm Yollar PMS'ye
Çıkar

Since 1988

We produce based on the principle of continuous improvement, meeting the aluminium needs of different sectors with the highest quality through our investments in technology.

Leading the Sector

With a production capacity of 35,000 tonnes per year, a 60% export ratio and our position in the Top 500 Exporting Companies list, we are one of the leading companies in the sector.



Why PMS?

1. **Fast**
2. **Experience and Expertise**
3. **Production Quality**



35.000
Ton/Year Capacity

600+
Employees

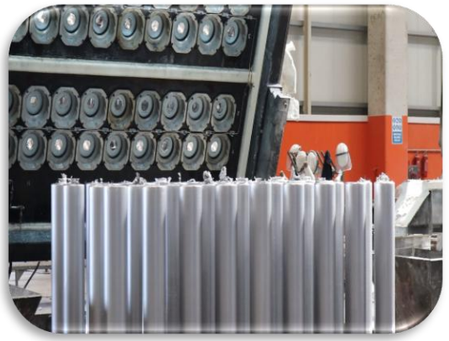
60%
Export

140.000 m²
Total Area

R&D Center
30+ Expert Employees



Foundry



Billet Production



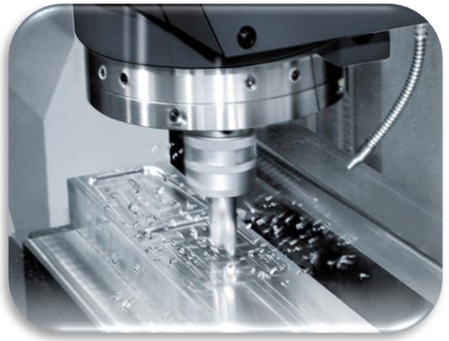
Die Production



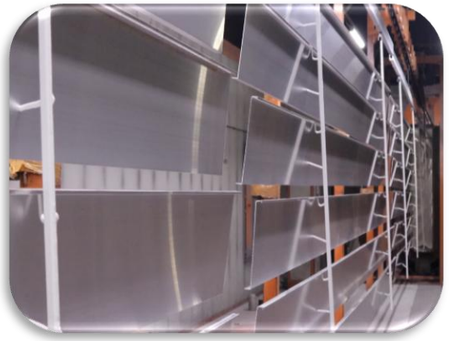
Extrusion Produciton



Heat Treatment



Machining



Surface Treatment



R&D and Laboratory



Foundry

Casting Furnaces	2 x 25-tonne melting furnace
Casting Capacity	45.000 Ton / Year
Alloy Series	1xxx / 2xxx / 6xxx / 7xxx
Custom Alloy Development	Project-based
Billet Diameters	6-8-9-10-14''
Homogenisation Oven	2 x 25 ton capacity
Ultrasonic Testing (UT)	Available
Traceability	Heat Treatment & Billet Traceability

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Geleceğe Deneyim Katıyoruz



Die Workshop

Equipment Information	4 x CNC Milling Machine 2 x Wire Erosion 2 x CNC Lathe 1 x Nitration Furnace 1 x Sandblasting Machine 1 x Caustic Tank
Die Dimensions	Machining capability up to 900mm diameter
Process Capability	Machining, Nitriding, Caustic Treatment, Sandblasting
Die Maintenance	Available
Design Support Programmes	Solidworks, Autocad, Catia
Simulation Support Programmes	Qform
CAM Support Programmes	Ez-Cam, Hypirmill

Extrusion and Thermal Processing



Extrusion Press Diameters	6″ - 8″ - 9″ - 10″ - 14″
Max. Pipe Diameter	Ø470 mm
Max. Bar Diameter	Ø220 mm
Max. Rectangular Box Width	650x60 mm
Max. Square Box Width	350x350 mm
Cooling Systems	Air – Spray – Water pool
Extrusion Annual Capacity	35000 ton/year
Thermal Processing Max. Profile Length	25 metres



14" Pres -Yıldız- 60 MN
Max. Profile Length: 52 Metres



6" Pres -5.Pres- 13 MN
Max. Profile Length: 40 Metres



2x Aging Ovens



8" Pres -6.Pres- 25 MN
Max. Profile Length: 40 Metres



8" Pres -Kadiroğlu- 27,5 MN
Max. Profile Length: 52 Metres



10" Pres -Demiray- 40 MN
Max. Profile Length: 62 Metres

Machining



Equipment Information	5-axis CNC Machining Centre Vertical CNC Milling Machine Horizontal CNC Lathe Multi-purpose machining and cutting centres Double-head cutting machine Automatic slicing/cutting line Press and Bending (forming) MachinesRobotic Welding Arm
Max. Processing Capacity	550mm – 7000mm (Double-head cutting) 15mm – 1000 mm (Automatic slicing) 7000mm (Vertical CNC) Ø340 mm / 532 mm lenght (Lathe)
Process Capability	Cutting, Drilling, Chamfering, Counterboring, Machining, Tapping, Bending, Welding
Assembly Operations	Project-Based Line Installation
Welding Operations	CMT/MIG [EN 15085-2:2020 / EN 3834-2]

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Geleceğe Deneyim Katıyoruz

Machining

Bending and Forming Machines





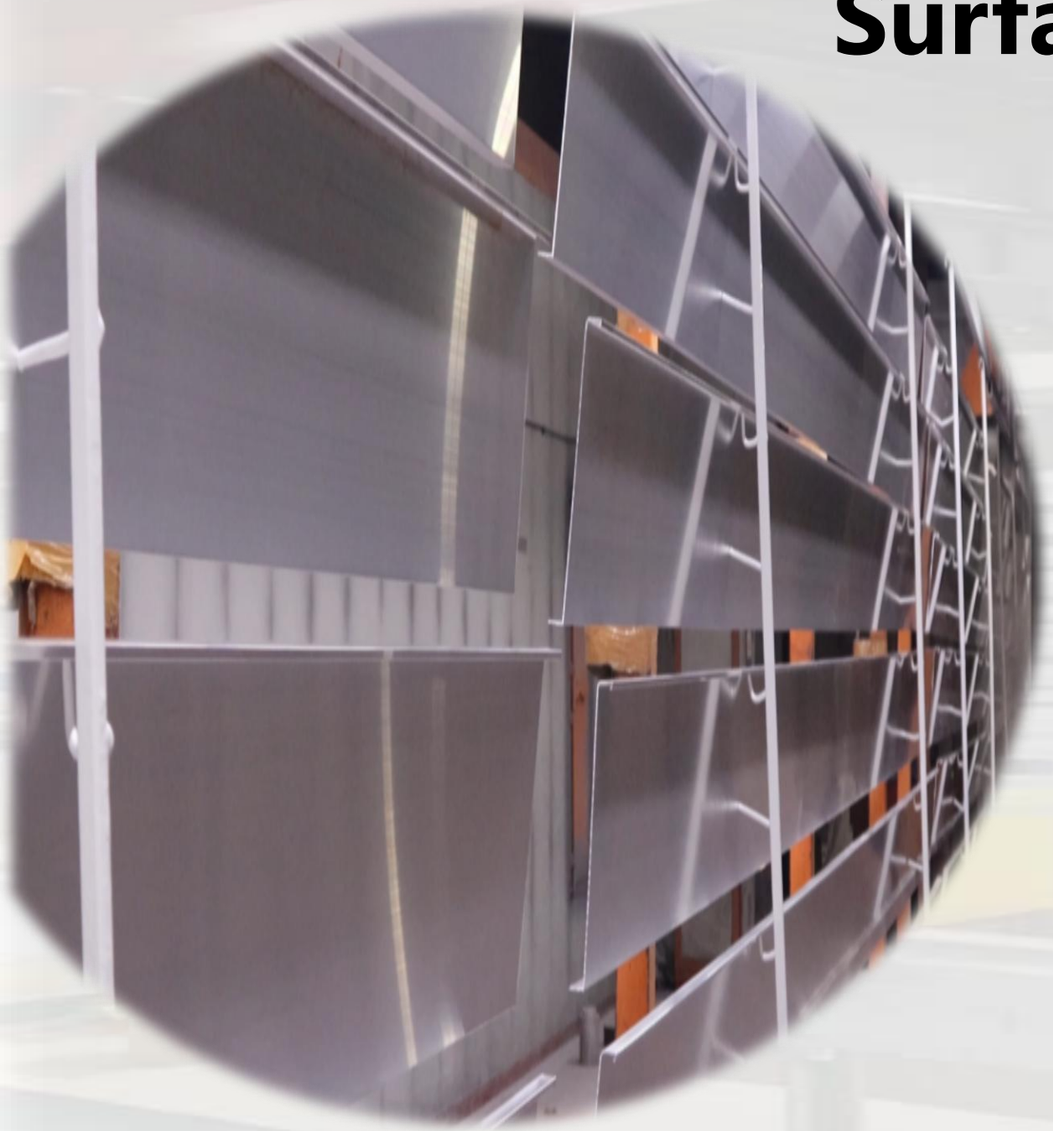
Machining

Robotic Arm Welding





Surface Treatment



Process Capability	Anodising, Powder Coating
Coating Thicknesses	5 – 30 µm(Anodise)/60 – 150 µm (Powder Coating)
Anodised Type / Colour	Industrial & Architectural Anodising C31,C32,C33,C34,C35
Paint Colours	RAL Catalog
Surface Treatment Capacity	3600 Ton / Year (Anodised) 3000 Ton / Year (Powder Coating)
Process Capability	Anodised Max. 7.5 m profile lengthPainted Max. 6 m profile length

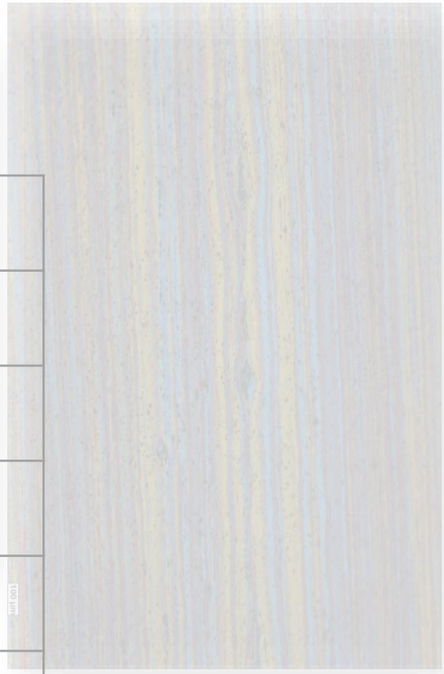
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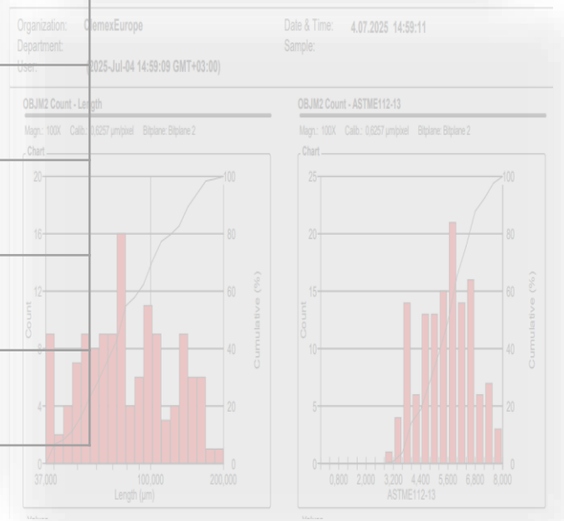
Geleceğe Deneyim Katıyoruz

R&D and Laboratory



- CMM 3D Measuring Device
- Tensile Testing Machine – Zwick Roel 100 kN
- Spectrometer
- Optical measuring device - Pixera
- Thermal Processing Tests
- Universal Hardness Tester
- Metallographic Sample Preparation Equipment
- Automatic Grinding and Polishing Machine
- Electrolytic Etching and Polishing Device
- Microscope





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Geleceğe Deneyim Katıyoruz

QUALITY CERTIFICATES



Certificate of Registration

This certificate has been awarded to

PMS METAL PROFİL ALÜMİNYUM SAN. VE TİC. BURSA TEKNOSAB ŞUBESİ

Taşpınar Mah. Teknosab 6. Cadde No:12 Karacabey BURSA, Türkiye
USI Number CE3ETZ

in recognition of the organization's Quality Management System which complies with

IATF 16949:2016

The scope of activities covered by this certificate is defined below

Aluminium Billet Casting and Manufacturing of Aluminium Pr
Aluminium Parts (Excludes Product Design und

IATF 16949:2016
ABS
EN ISO 3834
EN ISO 15085
ISO 9001:2015
ISO 14001
ISO 45001
ISO 50001
TS 755- 1
TS EN 15088
AS 9100

Sectoral Product Groups

Automotive

- Structural and body components
- Chassis and crash-relevant profiles
- EV battery frames and components
- Serial production with CNC machining
- Round bars
- Raw Materials for Forging Parts

Defence

- Large diameter and thick-wall profiles
- High strength aluminium alloys
- Full traceability and quality control

Rail Systems

- Structural profiles for rail vehicles
- Extruded aluminium components
- Machined parts for sub-systems

Energy & Solar

- Aluminium profiles for solar structures
- Lightweight and corrosion-resistant components
- Project-based production

FOR A SUSTAINABLE FUTURE

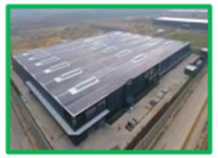


STEPS WE TAKE TOWARDS OUR GOALS

As of **2022**, with our **Solar Power Plant project**, we have been meeting **55%** of our required energy from renewable energy when our **DOSAB** factory operates at full capacity.



DOSAB



TEKNOSAB

As of the beginning of **2024**, when our **TEKNOSAB** factory operates at full capacity, **Solar Power Plant** will meet **50%** of our required energy.



As of the end quarter of **2023**, we have started the process of supplying raw materials with a low carbon footprint. Reason of this; our total carbon footprint approximate **80%** comes from here.

As of the end quarter of **2023,** we have started our work within the scope of CBAM obligation.

We have planned total **45 main action** items and these items sub actions for **Carbon footprint** in **2023**. These actions were completed **%55** rate. We will plan to publish our first report the beginning quarter of **2024**.

As of 2024, we have started **"Sun Field "** project that producing **15 MWh** energy. With this project, the energy we obtain from natural resources will be converted and can directly feed the country's resources, thus increasing the amount of natural energy entering our company at the same rate.

STEPS WE WILL TAKE TOWARDS OUR GOALS

As of the end of **2023**, Our scrap aluminium usage rate is **40%**. We aim increasing this rate **%55** in **2026**.

Institutional Carbon Footprint Verify – to apply **ISO 14064-1** standard and get the certificate and We aim to publish our first sustainability report in **2025**.

In accordance with our National Energy and Mining Policy, we will carry out work to provide 18000 MWh of Solar Power Plants and Wind Energy Power System every year until the end of **2026**.

We aim to increase the transformation here to **98%** by producing environmentally friendly projects through innovation and R&D studies and supporting waste management by **2026**.

In **2024,** we will determine our suppliers in line with this study. One stage of our supply chain will be the carbon footprint.

We aim to obtain the **I-REC** certificate by providing all of the electrical energy we will consume in the coming years from renewable energy sources.



OUR GOAL

NET ZERO CO_2

Our goal for a sustainable future is;
to reduce our carbon footprint by **55%** in **2030**
and it is to reach **0% emission** value in **2050.**



Environmental Strategy

PMS Alüminyum is committed to reducing its CO2 footprint through energy-efficient technologies and scrap recycling.

We actively monitor our environmental impact in compliance with ISO 14001 standards and participate in global green initiatives.

Target for 2050

NET ZERO

PMS ALÜMİNYUM

REFERANCES

Geleceğe Deneyim Katıyoruz



























































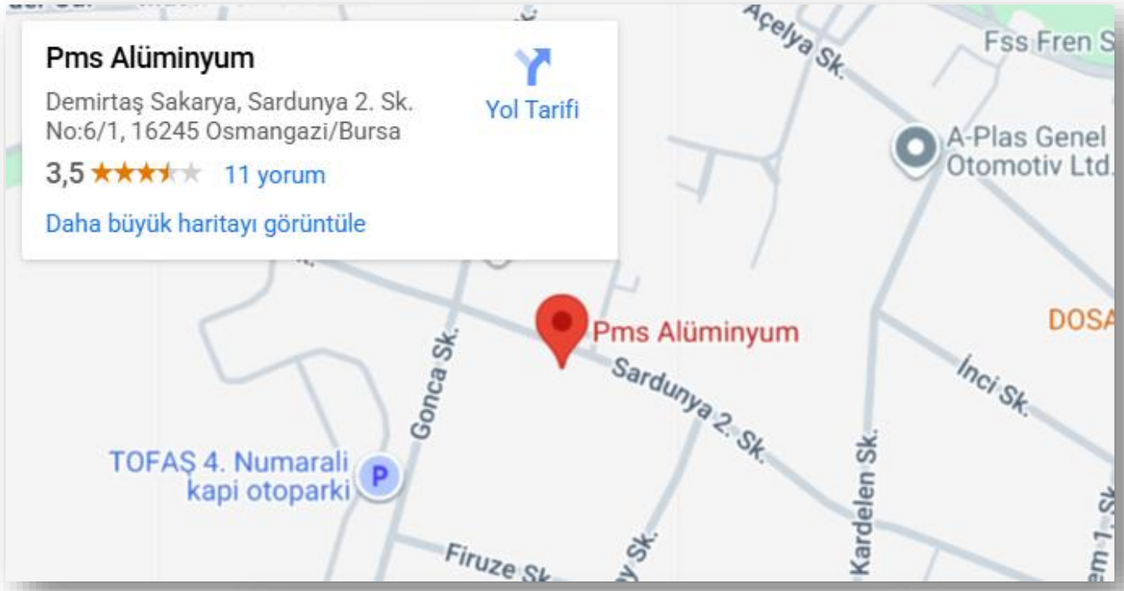


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Geleceğe Deneyim Katıyoruz

PMS DOSAB

PMS TEKNOSAB





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