





# OUR COMPANIES

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





**erdođanlar**

ADVANCED ALUMINIUM SOLUTIONS

# — ABOUT US





# COMPANY DESCRIPTION

Erdoganlar Aluminium which was established in 1987 in Istanbul is a family owned company and currently being run by the second generation. From the beginnings in the late 1980s, having the production plant and offices under the same roof ensured a better organization and standards.

Today with two production plants (Istanbul 37.000m<sup>2</sup> app. 370.000 ft<sup>2</sup> - Kırklareli 200.000m<sup>2</sup> app. 2.000.000 ft<sup>2</sup>) 32.000 tons capacity annually, 400+ employees and more than 30 years of experience, our vision is to fulfill the custom and individual needs of our partners by offering a wide range of products and services including custom fabrications, custom aluminum extrusions, custom packaging and more.



# NEW PRODUCTION PLANT IN KIRKLARELI

(200.000sqm= 2.152.782sqft)



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# TEAM

Number Of Staff  
**400+**





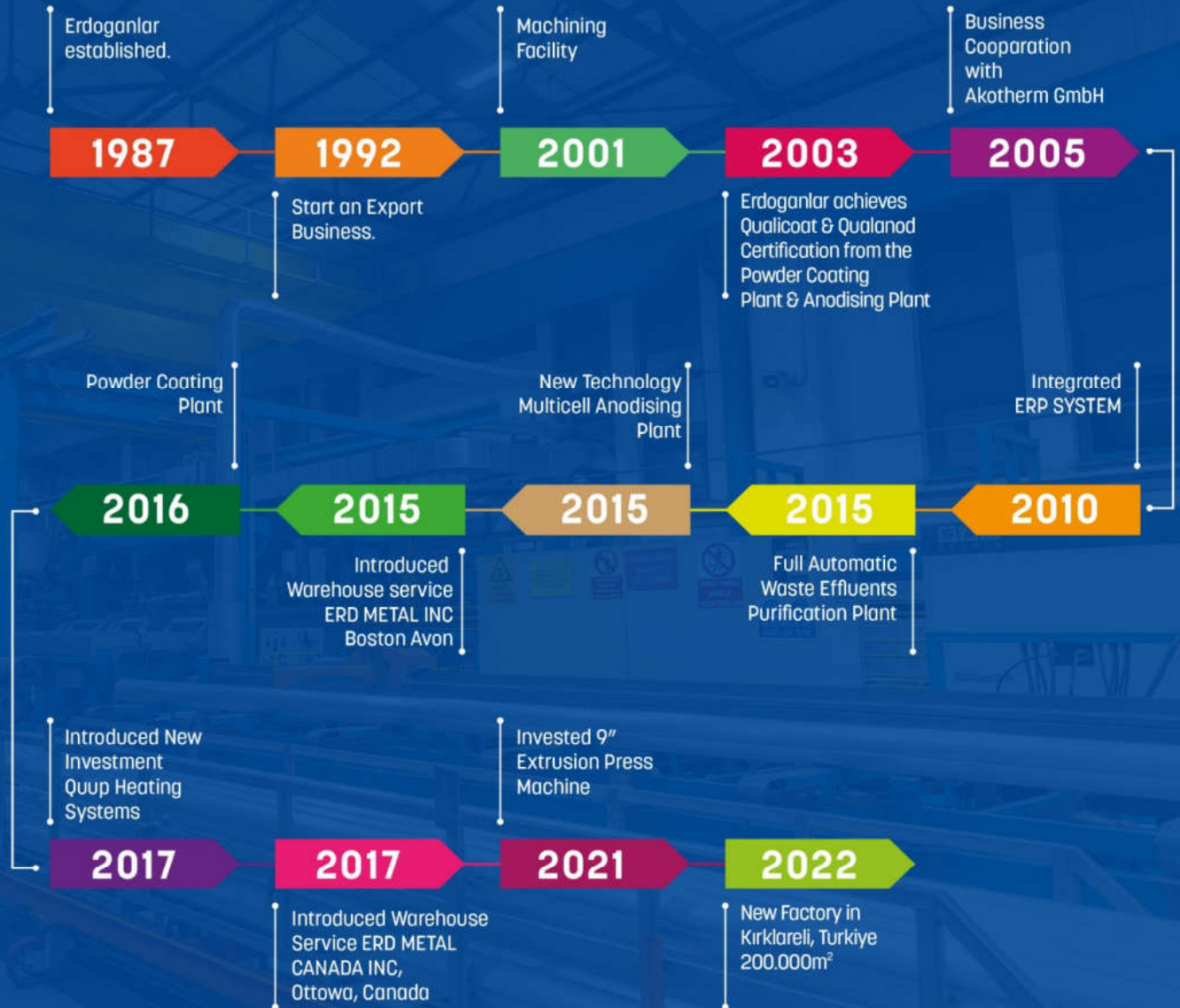


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# COMPANY HISTORY

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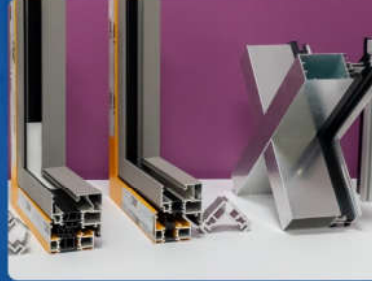
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# WHAT WE DO?

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# WHAT WE DO?

Erdoganlar offers to a wide range of industries. The raw material which are called billets are transformed into semi-finished for customer use or complete finished products for end users. All these applications are realised in our integrated organisation including machining, surface treatment, assembly and packaging.





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—  
**PRODUCTION**





# PRODUCTION



All stages of production process are assessed and certified in accordance with ISO 9001:2008.

Integrated production lines have been collected in two locations which are 35.000 m<sup>2</sup> Istanbul and 200.000 m<sup>2</sup> in Kırklareli.

## OUR PRODUCTION FACILITIES

- Die Manufacturing,
- Extrusion (4 Lines),
- Fabrication – Machining,
- Anodising - Polishing & Electro Polishing,
- Powder Coating,
- Assembling of Insulation Bars,
- Assembly and Advanced Packaging

# DIE MANUFACTURING

Achieving high quality material at extrusion stage depends on die production and design which is one of the most important process before extrusion. We continuously aim for innovation benefiting from latest technological improvements.



- We do die correction besides die manufacturing and this ability provides us high flexibility.
- Close collaboration with international partners considering innovative approach and follow up of latest technological improvements.
- Producing dies under tight tolerances using
- CAD/CAM programmes with latest technology
- Die manufacturing
- Inhouse
- Local sourcing
- International sourcing
- Flexible delivery terms
- Immediate action for die modification incase of customer request.
- Well experienced technical staff.



# EXTRUSION

## THERE ARE 4 DIFFERENT EXTRUSION PRESSES

1350 TONNES MEI RUNEY, TAIWAN 127 mm (5")	1600 TONNES LOEWLY UK 178 mm (7")	1900 TONNES SMS INNSE ITALY 178 mm (7")	3400 TONNES PRESEZZI ITALY 229 mm (9")
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All 3 presses are fully modified according to the latest improvements of technology.

Stable extrusion process to ensure high visual quality after surface treatment.

3 aging ovens which can provide us flexibility for different hardnesses.

Die polishing machines to avoid extrusion lines on high gloss products.

Isothermal extrusion program and speed control system which prevents colour differences after anodising.

Nitrogen, air and water cooling systems which can provide us high quality in the profile surface and structure.



# ANODISING



**FULL AUTOMATIC  
CONTROL UNIT**



Anodising line has a capacity of 1000 tons per month accordance to Qualanod norms. Anodization with a wide range of colors and surface effects is carried out in one facility up to thickness of 5 to 25 and 7.5 m-long profiles.

Different hanging styles in accordance with customer requests.

## **We offer following surface finishes;**

Anodised Natural & Colours (Gold, Bronze, Brown, Black) also with Sand effect.

Polished Silver & Colours (Gold, Bronze, Brown, Black).

Chemically Brightened (Silver, Gold, Bronze) also with Sand effect.



# POWDER COATING

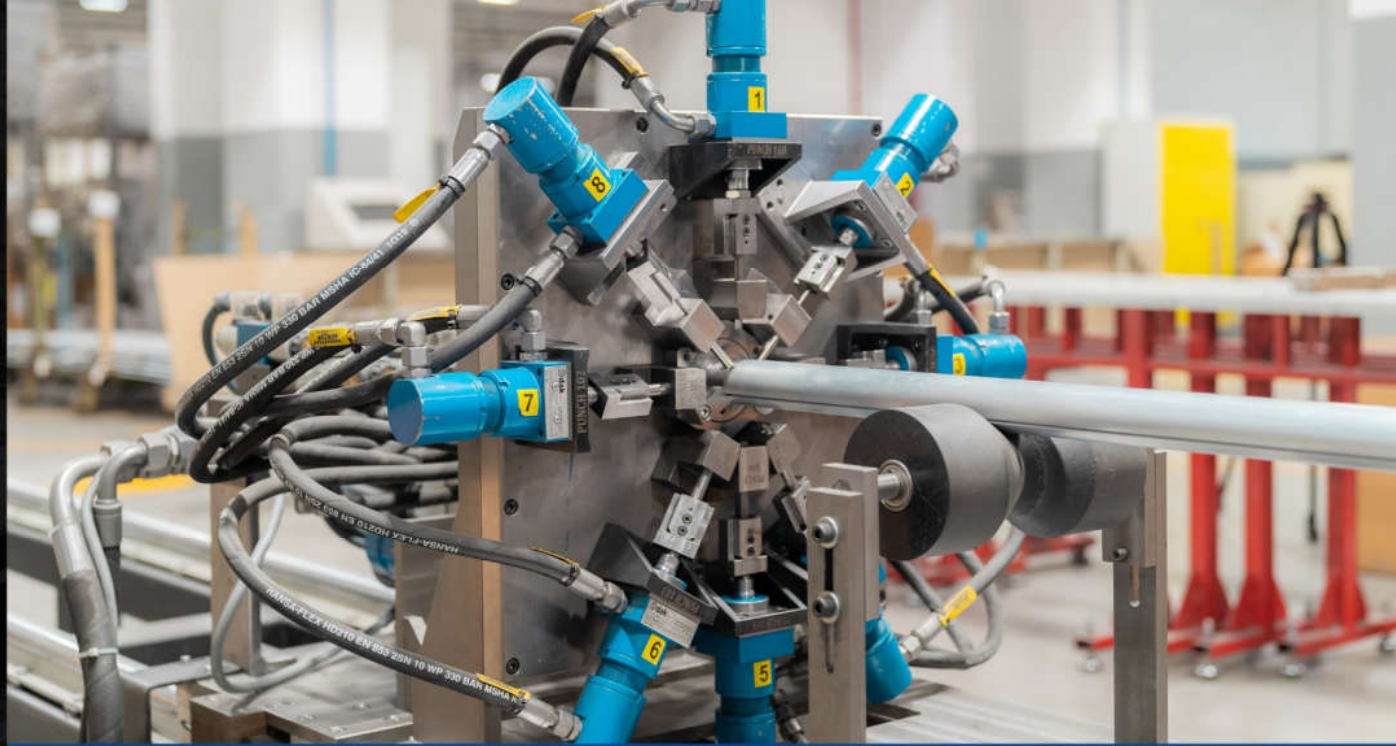


**FULL AUTOMATIC  
CONTROL UNIT**

- Powder Coating line has a capacity of 1000 tons per month accordance to Qualanod norms.
- Painting standards RAL colours or special colors and gloss levels according to different requests.
- Different hanging styles in accordance with customer requests and paint up to 8 m-long profiles with a conveyor speed of 4 meters per minute.
- Working with paint suppliers well-known in sector.
- Quality control process at every stage to ensure surface finish.



# MACHINING ASSEMBLY



## CAPABILITIES

- CNC
- PUNCHING
- CUSTOMER BASED PUNCHING \*BRAND NAMES
- CUTTING IN THE LENGTH FROM 45-90 DEGREES
- TAPPING AND COUNTERSINK DRILLING
- BENDING
- SLICING
- WELDING,RIVERTING,PRESSING
- ADHESIVE/PROTECTIVE/HOLTMELT TAPE APPLICATION
- LAMINATE APPLICATION
- LASER PRINTING
- DEBURRING VIBRATION
- DEBURRING OF CUTTING EDGES
- INSULATION BAR ASSEMBLY



# MACHINING ASSEMBLY



## MACHINES IN PRODUCTION

- 4 CNC MACHINES
- 2 ECCENTRIC PUNCHING MACHINE
- 1 HYDRAULIC PUNCHING MACHINE
- SPECIAL PUNCHING MACHINES FOR TUBE
- PROFILES
- 2 SLICING MACHINE
- 1 SLICING AND BRUSHING MACHINE (SPECIAL FOR CUSTOMER REQUEST)
- 3 AUTOMATIC TAPING MACHINE
- LASER PRINTING MACHINE
- LAMINATE APPLICATION MACHINE
- HOLTMELT APPLICATION MACHINE
- INSULATION BARS ASSEMBLY

# OPEX

(Operational  
Excellence)



Inclusive Management System for Erdoganlar goals operational excellence and customer satisfaction Improve production with quality standards Sustainable Success

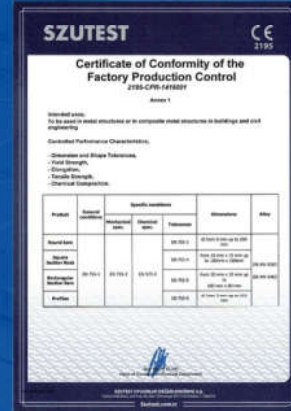
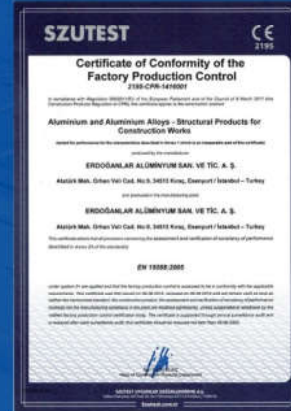
- Total Quality Management and Lean Manufacturing
- Customer Satisfaction and Complaint Management
- Supplier Management
- Sustainability and Human
- Reduce carbon foot print
- Environmentally management
- Control and improve risky areas
- New Product Development Process



# QUALITY

Our quality view is not only restricted with the products we manufacture, also it is a part of our corporate identity. Erdoganlar is characterised by the reliability of a family-owned firm oriented towards medium- to long-term goals.

- ISO 90001
- ISO 45001
- ISO 50001
- QUALONOD
- ISO 14001
- QUALICOAT
- ISO 10002



# LOGISTICS

Working with leading transport companies, we aim to provide best service considering safety and on time delivery.



- |                          |           |              |                   |
|--------------------------|-----------|--------------|-------------------|
| • AUSTRALIA              | • DUBAI   | • ITALY      | • SLOVAKIA        |
| • AUSTRIA                | • FRANCE  | • LITVANIA   | • SPAIN           |
| • BELGIUM                | • GERMANY | • POLAND     | • SWEDEN          |
| • BOSNIA AND HERZEGOVINA | • GREECE  | • ROMANIA    | • SWITZERLAND     |
| • BULGARIA               | • IRAQ    | • SCOTLAND   | • NETHERLANDS     |
| • CANADA (Warehouse)     | • ISRAEL  | • SERBIA     | • UK              |
| • DENMARK                | • IRELAND | • LUKSEMBURG | • USA (Warehouse) |



# OUR AWARDS



Top 500  
Exporters in Turkey



Export Success  
Award in Turkey



Third Prize Export Award  
of Aluminium Bar Rods  
Profiles in Turkey 2015



Export Award of  
Aluminium Bar Rods  
Profiles in Turkey 2016



Export Award of  
Aluminium Bar Rods  
Profiles in Turkey 2017



Top 5 Exporters of  
Aluminium Bar Rods  
Profiles in Turkey 2021



# HOW WE OPERATE

Erdoganlar manage all key business operations in an integrated ERP system that facilitate the flow of information between all business functions.

We manage our sales, marketing and customer support better with CRM so everyone works towards common goals.



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# ENVIRONMENT

## Water Treatment

Our brand new water treatment facility has been built over required EU norms. It has been designed as water recycling ready.

## Energy Saving

We care on use of daylight energy efficiency. We use solar panels for interior energy circulation.



# USA OPERATION AND WAREHOUSE

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



## **ERD Metal Inc., is a subsidiary enterprise of Erdoganlar Aluminyum A.S in Istanbul - Turkey**

"ERD Metal INC, located in Avon, MA is dedicated in import, export, stock and distribution of extruded aluminum products. These products are produced mainly for; door, window, façade systems, shower enclosures, flooring, decoration, machinery and that potentially aluminum extrusions are used.

Not only with extrusions but also with more added value like anodizing, powder painting, machining and special packaging offer are in the service are of ERD Metal."



# USA OPERATION AND WAREHOUSE



INTRODUCTION

QUALITY POLICY

SERVICES

LOGISTICS  
INNOVATIVE  
TECHNOLOGY

ENVIRONMENT

Best service considering safety and on time delivery throughout North America is our continuous mission.

Customer Order Tracking: We provide private portals for our customers where they can track their orders and view the exact state of each item.



**T H A N K   Y O U**