



ADVANCED
ALUMINIUM SOLUTIONS



ABOUT US

COMPANY DESCRIPTION



Erdoganlar was established in 1987 in Istanbul. Erdoganlar is one of the main aluminium extrusion supplier serving to different industry branches to both domestic and foreign markets. Erdoganlar is a family owned company, currently being run by the second generation.

The production plants and offices are under the same roof and we will continue to grow up by the persistent technological investments with its 350 skilled and well experienced staff.

— TEAM

Number Of Staff
335



White
Collar



University
Graduate



High School
Graduate



Engineer

WHAT WE DO

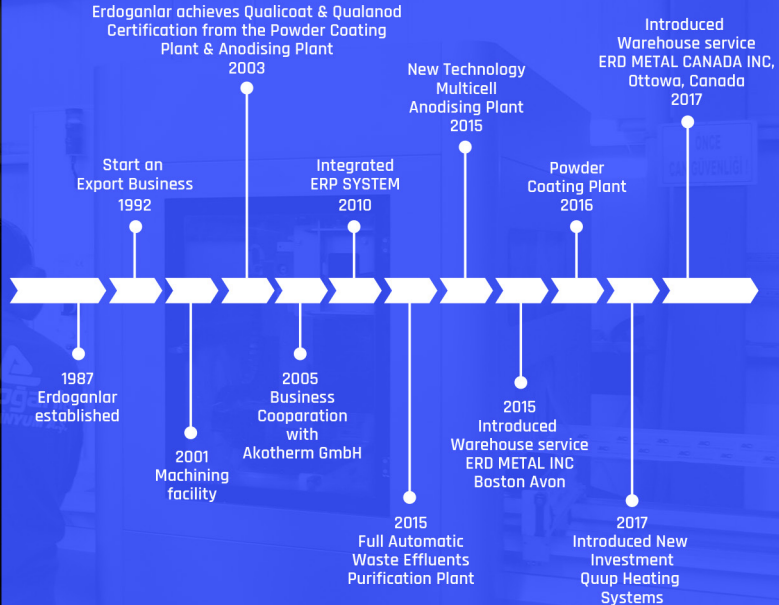
WHAT WE DO

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.

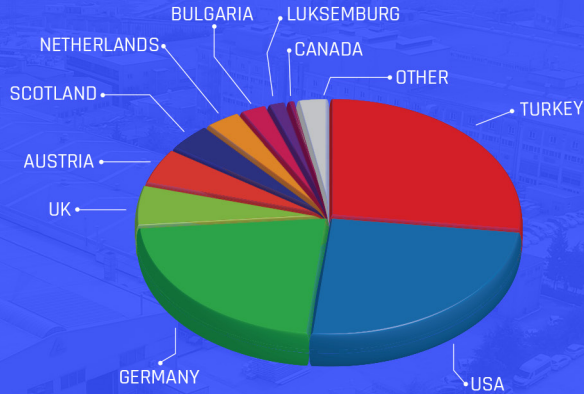
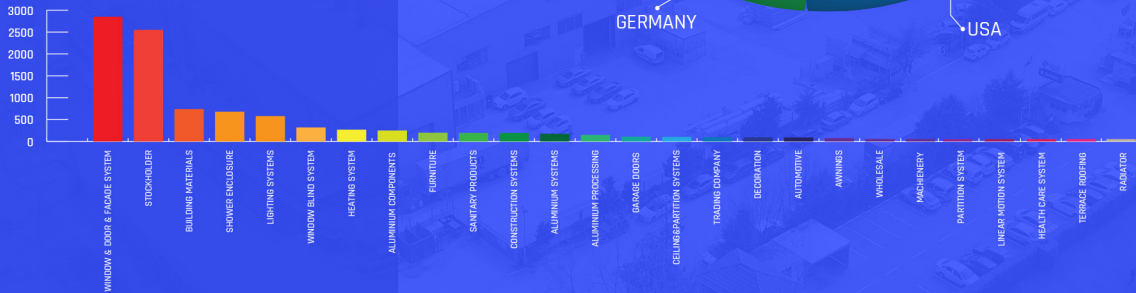


HISTORY

■ www.erdoganlar.com



SALES BY REGION



PRODUCTION

PRODUCTION



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



Integrated production line has been collected in 35.000m² (377.000ft²) closed area in order to complete the semi or fully finished products from the raw material in a fast way.

OUR PRODUCTION FACILITIES

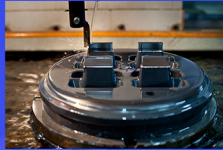
- Die Manufacturing,
- Extrusion (3 Lines)
- Fabrication - Machining
- Anodising - Polishing & Electro Polishing
- Powder Coating
- Assembling of Insulation Bars
- Assembly and Advanced Packaging

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.



■ www.erdoganlar.com



- 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 3 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")

All 3 presses are fully modified according to the latest improvements of technology.

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

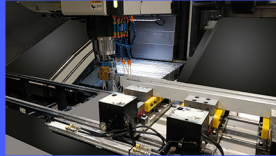
3 aging ovens which can provide us flexibility for different hardnesses.

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

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

FABRICATION

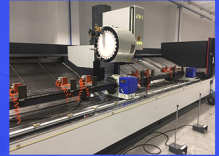
ERDOGANLAR OFFERS FOLLOWING
FABRICATION PROCESSES TO MEET
DIFFERENT CUSTOMER NEEDS;



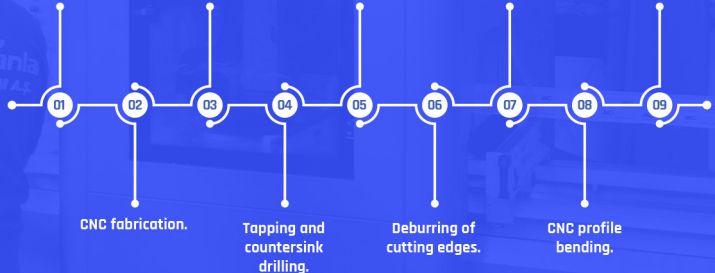
Cutting in the field
lengths from
45-90 degrees.



Punching with
eccentric press.



CNC tube
bending.



ANODISING



Anodised products are in accordance with Qualanod norms.
We are able to achieve different anodising thicknesses and colours from 5 to 25

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.
Semi-Gloss Anodised (Gold, Bronze, Silver).

ANODISING

FULL
AUTOMATION
CONTROL
UNIT



POWDER COATING



- Powder coating processes in accordance with Qualicoat standards,
- Painting standard RAL colours or special colours and gloss levels according to different requests,
- Working with paint suppliers well-known in sector,
- Quality control process at every stage to ensure surface finish.

ASSEMBLING OF INSULATION BARS



ALL THE KNURLING AND ROLLING ON INSULATION BAR
MACHINES ARE FULLY COMPUTER AIDED

- The knurling capacity is 50.000 meters per day.
- Fast and reliable serial production
- Rolling of insulation bars are applied according to the international terms.
- Ability to work under tight tolerances.

ASSEMBLY ADVANCED PACKAGING SOLUTIONS

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Erdoganlar offers several packaging methods depending on customer requests;

- Serial packaging of profiles in different types and lengths.
- Packaging in cardboards with custom dimensions.
- Shrink wrapping.
- Plastic hanger, adhesive tape or any plastic accessory assembly.
- Automatic single packaging.
- Special labeling and barcoding.
- Third party equipment assembly on finished products.

LOGISTICS

LOGISTICS

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

■ www.erdoganlar.com



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

OUR AWARDS

— OUR AWARDS



— OUR AWARDS

- Top 1000 Aluminium 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

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.



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



ERD Metal Inc., is a subsidiary enterprise of Erdoganlar Alüminyum A.Ş 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

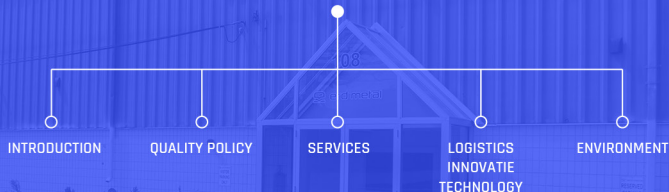
■ www.erdmetal.com



LOGISTICS

"ERD has developed own transport system with minimized costs. Combined with an integrated inventory and delivery process, ERD has dramatically reduced standard shipping expenses allowing for a far more competitive pricing structure. This allows for a companies' Purchaser to help meet their goal of reducing costs while increasing quality. Our facility can absorb multiple container orders and ship Call-Offs in manageable increments to our North American partners."

— USA OPERATION AND WAREHOUSE



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.

CANADA OPERATION AND WAREHOUSE

■ www.erdmetalcanada.ca



ERD METAL CANADA INC is the chronologically second North American subsidiary enterprise of ERDOGANLAR ALUMINUM AS Istanbul, Turkey.

ERD METAL CANADA INC located in Ingleside, ON Canada has been carrying on the activities of stocking and distribution of the extruded, anodised, fabricated, powder coated aluminum profiles and multiple different aluminum items manufactured among clients within Canada through its 60,000 sqft. facility in an arm-length distance of the busiest port of Canada business and trade, Montreal seaport.



CANADA OPERATION AND WAREHOUSE

■ www.erdmetal.canada.ca



LOGISTICS

ERD METAL CANADA INC has integration and reachability of multiple different options of freight scopes with the advantage of being located close by one of the biggest and busiest business and trade centers GTA (Greater Toronto Area). Via fully computerised remote access ability software systems, the inventory statues and client purchase orders procedures have been kept track of by a professional team on a daily update basis. Within the 60.000 sqft of warehouse stock area the drive - in capability of the building besides the docks for tail discharge and loading, neither the height nor the extra width of the proposed or planned products may cause any constraints of logistic demands.

CANADA OPERATION AND WAREHOUSE



 **erd metal** CANADA



Qualified and skilled aluminum products need the same attention and focus in every single step of supply operation. For the sustainability and guarantee of ERD METAL CANADA INC supply and services the importance of detailed labelling indicating necessary weights and identifications besides the safety regulated bundle and quantity qualifications each step of the service has been followed up by professionals.



THANK YOU