

OSSA



SAVUNMA VE HAVACILIK KÜMELENMESİ
DEFENCE & AVIATION CLUSTER

Total Number of Member SMEs

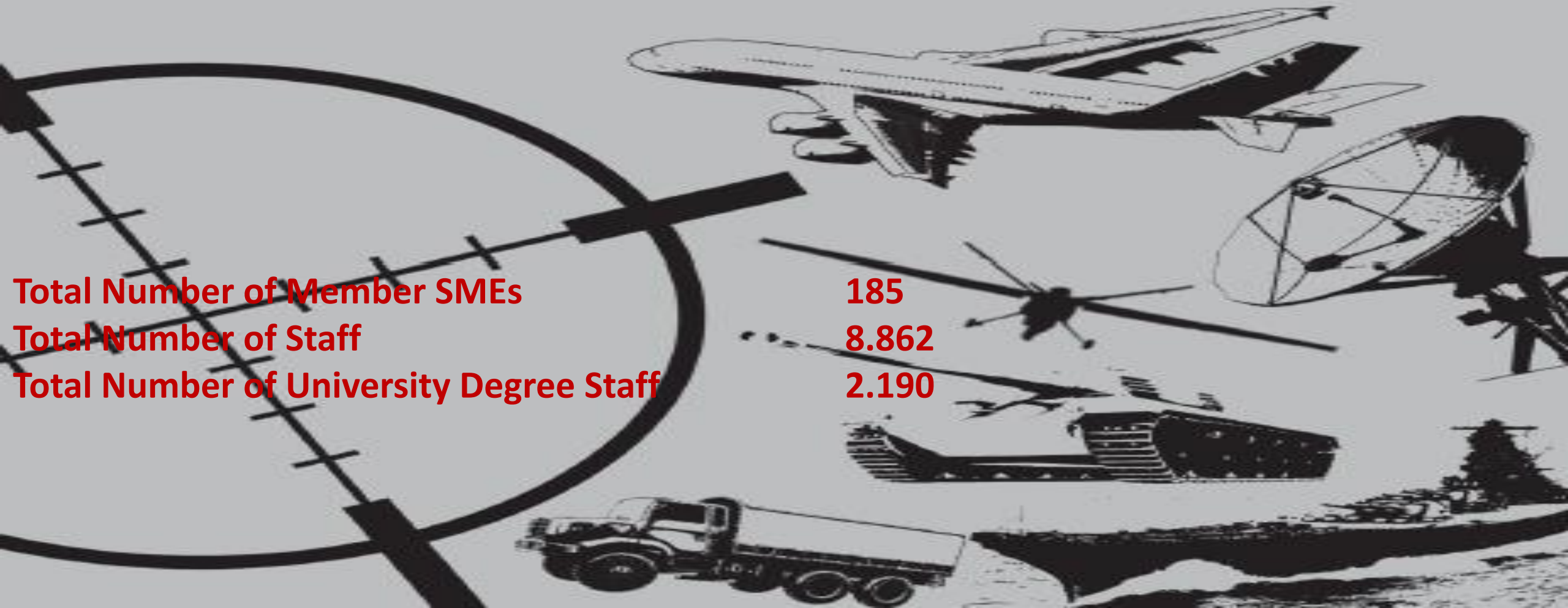
185

Total Number of Staff

8.862

Total Number of University Degree Staff

2.190



2G Havacılık Elektronik Sanayi ve Ticaret Limited Şirketi



Design, Engineering and Technician Services



Production: Handsets, Headsets, Antennas, Masts...



Electro-mechanical Assembly



Maintenance & Repair Services



RFID Projects



Harness Design and Implementation



3EN Defence and Aviation Systems Inc. Was founded in 2015 by experienced engineers and technicians in the defense and aviation industries. Our main field of activity is the design and production of wire harness that are needed by the defense and aviation industry.

We meet customer demands and expectations timely and appropriately with our Quality Management System based on AS EN 9100 Quality Management System. Our productions are made according to IPC/EIAJ-STD-001C (Requirements for Soldered Electrical and Electronic Assemblies), ANSI/ESD S20.20-1999 (ESD Program for Protection of Electronic Parts, Assemblies and Equipment), IPC/WHMA-A-620, (Requirements and Acceptance for Cable and Wire Harness Assemblies) and IPC-A-610 (Acceptability of Electronic Assemblies) standards.

3EN has become the preferred company in the industry by means of our qualified staff and technical infrastructure about electromechanical assembly and RF cable production. 3EN is also capable of performing system installation, modification and test on various type of airplatforms and supports our customers both in Turkey and abroad.



3EN



From product conception to reality, we work relentlessly to provide the highest level of quality excellence in the defense industry.

Quality is built into every step of our products. At 3E, success is identified as the ability to meet customers requirements. We know the critical and sensitive role our products play in protection and defense.

Therefore, we understand our responsibility to deliver quality, reliability and security to each and every user.

At 3E, we develop innovative solutions that allows customers to acquire advantage against their target in any situation. From product conception to reality, we work relentlessly to provide the highest level of quality excellence in the defense industry. We continuously focus on the needs of our customers to bring them the best solution.

At 3E, we love what we do because we're doing what we love, and we always feel responsible to develop innovative products for our customers. We work in close cooperation with them to acquire a deep understanding of their needs and use conditions. This allows us to bring unique solutions to each and every customer.

Don't just believe in what we say. Get it and experience it yourself. We are ready to hear about your experience!





We, as Aca Metal are the seller of Alüminum composite coils, sheets and bars, Titanium Sheets and bars and Stainless Steel coils, sheets, bars and tubes.

Our service center that is called “ACA METAL SERVICE CENTER” has been operating in 4000 m2 closed areas since 2007 in the areas of Cut to Length, Slitting, Straightening, Surface Brushing Grinding and PVC covering. It enabled us to reach the optimal solution while responding the customer needs.

We, as Aca Metal are following the path of catching the trends in the industry, following the innovations so that we can serve reasonable price/performance ratio to respond to customer needs and wants with our expanding professional network. We serve to those producers whose motto is “Buying on time, Producing on time, zero stock” by keeping wide range of products in our stocks.

With the experience of 32 years on bullet resistant glass manufacturing, the first target of Armassglass was to provide quality and the safety to the customers that is closely related to human life. To acquire this target, for years Armassglass has not presented any products that is under the quality of determined quality without thinking about the financial loss which provide a solid foundation between us and our customers.

Armassglass that has constantly renewed and improved technological infrastructure, has brought new levels integrated physical quality standards and worldwide customers satisfaction and for bullet-resistant glass solution.

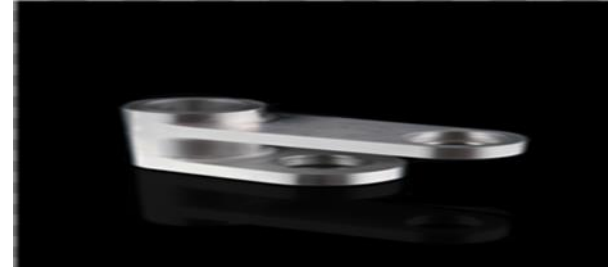
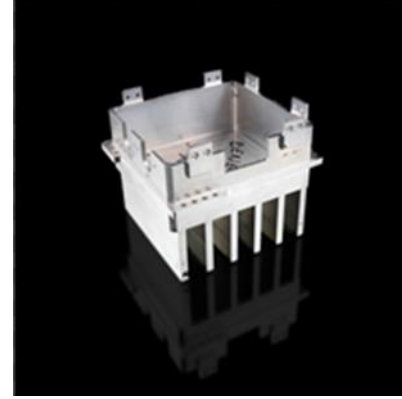
Armassglass has worked since her established and will always continue to work with business partners most experienced and producing service and goods with high quality to ensure the continuity of production and solutions of innovations in the world.



Upon consideration of our Defense Industry's requirements, ADA SAVUNMA SANAYİ, starting its activities to achieve the best, launched mechanical designing and production activities with its experienced team and high production quality as of the year 2000.

At the moment, it maintains its production activities in a production plant of 1050 m2 closed area., ADA SAVUNMA SANAYİ, focused on production of defense industry products and parts from its establishment up to date, develops its infrastructure and trains its technical personnel for this purpose.

ADA SAVUNMA, continuing its activities with high quality, constructed its achievement on indispensable values such as customer pleasure, reliable servi etc. and has been offering its services with utmost care and diligence. Harmonizing the importance it gives to the quality, continuous self-improvement and disciplined work with the customer pleasure, ADA SAVUNMA offers real solutions fitting its requirements. Our aim is to constantly progress and offer better and higher quality products to our customers as we did before.



Composites and Composite Machinery:

Adalar makina dealing with production and application of advanced material technologies on composite structures. Our main activities are manufacturing composite products made of carbon, kevlar, dyneema fibers with epoxy, polyester and vinylester resins by open mould, RTM, VaRTM and filament winding methods. Under the engineering experience of 15 years, Adalar Makina serving to defence industry on mould design, process and composite parts manufacturing line design.

Composite launchers, armor, pressure vessels, fairings tank barrel thermal jackets and reverse osmosis housings are our end products. Upon customer specifications, Adalar Makina produce filament winding machines, precure and postcure ovens machining stations, design and manufacture of turn-key production lines.





ADER
SAVUNMA

WHO ARE WE?

ADER DEFENCE INC has emerged as a result of team-work of experts in their sectors, in order to serve our country's industry and advanced technology production.

As a result of the analyzes, made for the needs of the industry, the main activity is determined as industrial coating, wet and powder painting services with the long and detailed work studies of founder staff coming from within the sector,

OUR CERTIFICATES

ADER DEFENCE INC. Carries out all of activities according to AS9100C and ISO9001:2008 Quality Management Systems, it has also proved the respect for nature and employees with OHSAS18001:2007 and ISO14001:2004 certificates.

OUR ACTIVITIES

ADER DEFENCE INC. is active in all sectors, primarily defense, aviation, space and automotive industry, in the following areas:

*Alkali Zinc Coating
Cyanide Zinc Coating
Stainless Passivation
Chromate Film (Alodine) Coating
Sulfuric-Acid Anodic Coating
Chromic-Acid Anodic Coating
Hard Anodic Coating
Electroless Nickel Coating
Black-oxide / Chemical Dimming
Cadmium Coating
Manganese Phosphate Coating
Zinc Phosphate Coating
Silver Coating
Wet Painting
Powder Painting
Solid Film Coating*

I started working in heat treatment field in 1979 in İskitler Iron Industrial Zone. I worked as business partner, heat treatment production manager and quality control manager in several companies between 1979 and 2000.

I started my own firm (Akalin Isıl İşlem Çelik San. ve Tic. Ltd. Şti.) in 2000 and succeeded in becoming a prominent company.

Today, Akalin Heat Treatment operates with its engineers and experienced stuff and provides services to several different sectors including machine spare parts, gear, molding, tractor, engineering machines, defence, mining, casting and plastic industries.



It was the year 1989 when Akkar was first founded as a small manufacturing facility that entirely focused on producing shotguns in Istanbul.

In 1992, Akkar produced Turkey's first pump action and gas operated semiautomatic shotguns with innovative collaboration and feedback of prominent gunsmiths and shooters. Since then, it has proven itself with its superior quality and service that enabled Akkar to gain such recognition and trust in the firearms market. Hence, Akkar is now proudly supplying the global arms market both civilian and law enforcement.

Having been well established in the market, with its in-house experienced engineers, designers and gunsmiths, Akkar has the full capacity to design and manufacture all components of any shotguns in its high-tech equipment, development and production facility. From an initial idea to a finished product, CAD/CAM Systems are used at every stage of the work to satisfy specific market demands.

Akkar has a wide product range that include well-balanced sporting, hunting and tactical shotguns. Under such categories, shotguns are produced in different gauges and calibers as Over and Under, Side by Side, Triple Barrel, Semi-Automatic and Pump Action.



RUN FLAT ?

While driving, because of several reasons there can be tire trouble and the wheel can't operate the function exactly and the rim contacts with the tire.

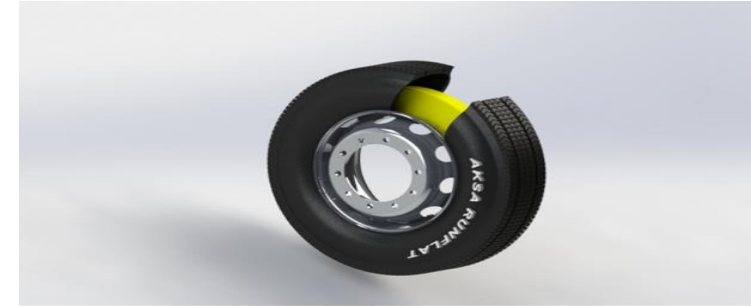
As a result of the weight, the rim exerts a force on the tire inner face. Because of the torque of transmission system on rim, it tries to exceed static friction and then starts to rotate on wheel. In other words, it touch inside of wheel and spins, so there occurs kinetic friction. As a result of kinetic friction, temperature starts to increase and after a while it burns.

Run-Flat; is a special type of subsystem provides the mentioned advantages, founded in between the rim and the tire.

If the tire trouble occurred, vehicles run-flat installed can take safely 50 km road with 50 km / h (light tonnage) and 30 km / h (heavy tonnage) velocity.

APPLICABLE VEHICLES

- Military vehicles,
- Police(Social security) vehicles,
- Public/safety vehicles (fire, bus, etc..)
- Personal vehicles,
- Others...



ALFA-BETA Makine was founded by two Mechanical Engineers(Msc) Umut ISLEYICI and Boran ALATAS, in 2007. Mainly focused in manufacturing of mechanical parts to Defence Industry but has activities also designing custom machines to its customers.



With the experience from Defence and Automotive Industry of its founders, company has taken place in the industry in a short time.

No matter which sector is customer in or whatever the Project is, Company has always taken care to reflect the best practices experienced from Defence and Automotive industry, thus aims to serve customers beyond their expectations.

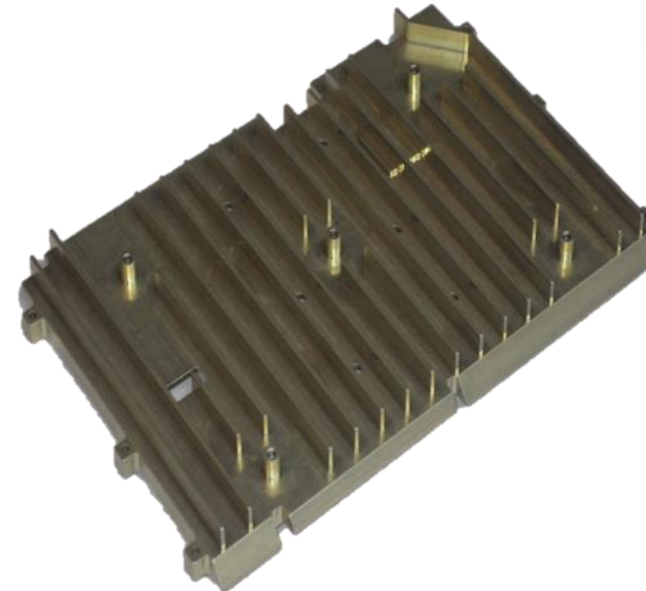
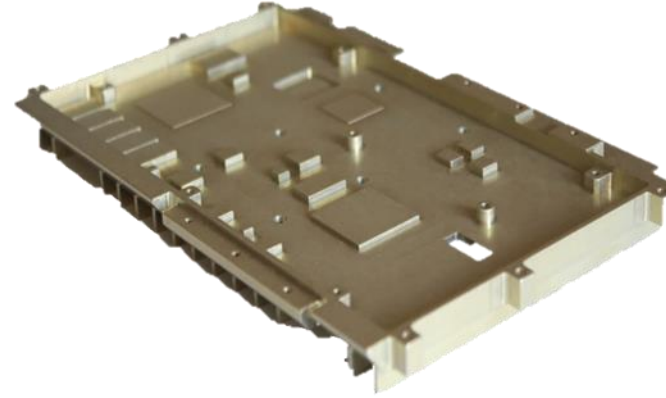
Alfa-Beta continues its manufacturing activities in Ankara Turkey and performs 50% of its business volume exporting parts for Defence industry. Over 250 parts has already been manufactured for US Department of Defense



Alkan Makina Sanayi ve Ticaret Limited Őirketi was founded by Mehmet Alkan, a mechanical engineer, in 1985. Our Company, engaged in machining, serves as supplier to the leading companies of Turkey in the fields of Defense Industry, Petrochemicals and Automotive; manufactures spare parts; and conducts Research & Development (R&D), vernacularization studies and system designing activities for these companies.

Our Company, which has ISO 9001:2008 Quality Management System Certificate, always taking into consideration the customer pleasure, has made up the high quality production a principle and has never compromised such principle.

Today, Alkan Makina realizes sensitive and high-quality productions with its experienced employees in a closed area of 1000 m2



1987: Altek Metal Industry and Trade Inc. was established.

Between 1987 and 2003, we have developed our capabilities for technical, organizational, quality standards, market, material, supply chain, customer and supplier and fine tuned our infrastructure.

2003: We have received ISO 9001 quality certificate.

2006: We have built Çerkezköy factory and service center

2007: Our first dimensioning machines started to function.

We began to provide Marine Grade aluminum 5083 H321, as well as extrusion and triclud materials for the Shipbuilding industry.

2008: We began to provide 5182 RTSG1 aluminium shales used in tanker and silobas production.

2010: We have invested into new machine park to produce aluminium cast plates under the brand name of Aludur.

2011: We obtained AS 9120 certificate which is a token of our reliability as a global supplier. We are now in a position to directly provide materials for the defense and Aircraft industry.

2014: We started production of aluminium precision milled tooling plates under the brand name of ALUDUR PLUS.

We have extended our capabilities as regards to precision cutting with waterjet investment.

We achieved inventory optimization by establishing the automated storage and retrieval system.

2016: In order to achieve proximity to our customer, we opened our second service center in Ankara.

We have invested into a new cut to length line from coil.

altek
altek
Metal San. ve Tic. A.Ş.



OUR GLOBAL EXPERIENCE AT YOUR FINGERTIPS"

Established in 1987, and since then, Anadolu Metalurji has worked hard to bring in to the country a facility capable of manufacturing an entire range of rolls needed by iron steel, aluminum, and non-ferrous sectors in addition to manufacturing of machines and equipment requiring high accuracy and quality specific to the sector, and today, in a well-deserved manner, it has realized its goal. The Anadolu Metalurji plant has 11,000 sq. mts. of indoor, and 145,000 sq. mts. of outdoor space, and has the manufacturing capacity of 8,000 tons, 3,500 tons of which are made of rolling mill rolls.

With one of the largest machining plants in Turkey, Anadolu Metalurji has achieved a major accomplishment and became a leading company in its field in a short time with its experienced staff and world-class partners.



ANADOLU METALURJİ



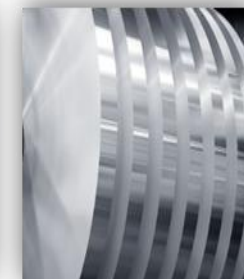
Wide ranging benefits of Unmanned Aircraft Systems (UAS) operations through civil airspace integration has been recognized. UAS are inherently different from manned aircraft, therefore introducing safe UAS into the busy airspace is the biggest challenge for the industry. In the very near future UAS should be designed with the redundancy, reliability and safety requirements to have repeated safety characteristics.

Andar provides today these features in subsystem level to help the UAS developers to achieve higher level of redundancy, reliability and safety. Our products not only satisfy high safety requirements but also tested against environmental (MIL-STD-810) and Electromagnetic (MIL-STD-461) military standards



Ankara Alüminyum ve Metal San. Tic. Ltd. Şti. has been operating in metal industry since 1988 and has become one of the leading organizations in the industry with its wide product range, affordable prices, technical knowledge support and fast distribution services.

We are offering our services to metal, defence, machinery, electronics, food, construction and chemical industries.



Ankor Metal Finishing Company, has been performing in the metal finishing sector since 1977. Our company, which has ISO 9001:2000 quality management system certificates, is performing its activities to maintain the continuity of the quality system.

As Ankor Metal Finishing Company, our main principle is to meet the demands of our customers in best way and as soon as possible by using our experience and knowledge which has gained for more than quarter century, and by using technological developments.





APEKS Havacılık Tasarım Savunma Müh. Dan. Ltd. Şti. in 2011, with the expert staff, the advanced technology machinery, equipment and appliance required by the sector to meet the requirements of the defense industry.

APEKS continues to grow. Today, APEKS has 8 CNC (5 5 axis, 2 4 axis, 1 3 axis) and 1 CMM in the machine park. As of today, APEKS continues its service by constantly improving its quality understanding in a workplace with a total area of 1000 m² including 850 m² closed and 150 m² open area in Saraykent Industrial Zone with 4 engineers and 23 personnel.

APEKS has been able to meet all kinds of needs in its sector thanks to its extensive experience, advanced knowledge and has successfully certified the product quality by completing AS9100C Aviation, Space and Defense Organizations Quality Certificate Works. In addition, Tai Supplier Quality System Approval Certificate, Aselsan Supplier Approval Certificate are available.

APEKS has been based on customer satisfaction on every occasion and has created quality management system based on customer satisfaction. APEKS has established a quality management system to meet customer requirements in accordance with current legal and regulatory requirements and ensures the system is continuously improved.

At APEKS Havacılık, we are proud of our commitment to quality, customer satisfaction and commitment in the works we have done so far and we are committed to the continuity of these in the future.

Aral Havacılık Sanayi ve Ticaret Ltd. Şti, established in 2009, has a good reputation in terms of its competence in Surface Treatment Processes for aerospace and aviation industries and in defense and general engineering fields.

ARAL, performing Surface Treatment Operations such as non-destructive testing, metal coating, painting and heat treatment to create finished products from semi-finished highquality spare parts and having international process certificates, has always been a pioneer in its field as an SME, and it offers services with its 20 highly-qualified staff members in its plant located on a closed area of 1000 m2.

NADCAP, ISO9001: 2008 in all processes is among its accreditations and it has certificates from major producing firms such as Boeing, Sikorsky, Goodrich, Hamilton and Lockheed Martin.



AREL®

AREL was founded in 1987 as a family owned company, by Aydın Arcağ. Mr.Arcağ has been working in this manufacturing sector since 1961. In his long work experience, he designed and firstly manufactured the diesel welding machines, standard and 400 Hz. generators, converter type concrete vibrators and high frequency electric motors in Turkey as local products.



ADP.1400

60 KVA 115/200 Volt AC
400 Hz + 28,5 Volt DC



AGP.800

28,5 Volt DC 850 AMPER

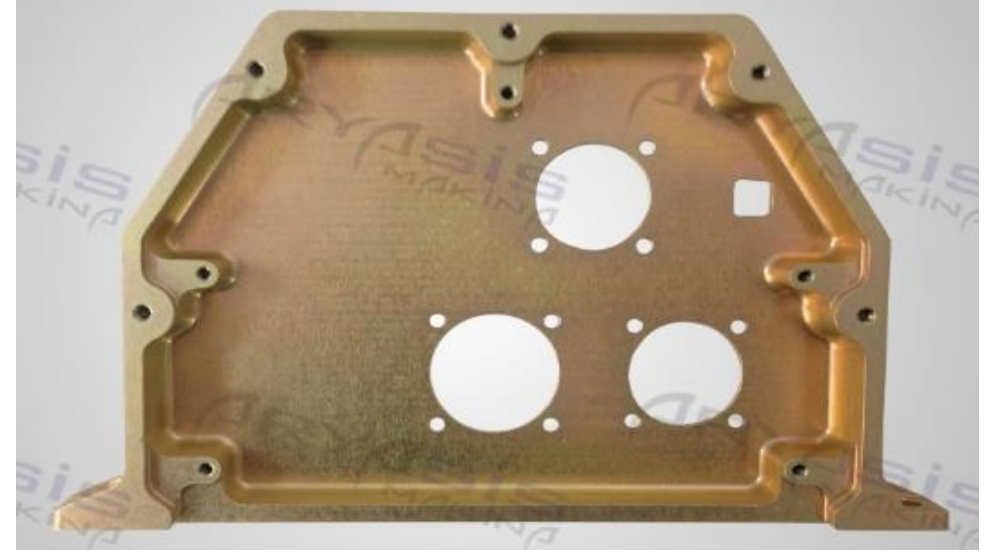


ASP.1000

28,5 Volt DC 1000 AMPER

Aryasis Machinery established in 2012 at Ankara Ostim Industrial Zone by Ramazan YILMAZ. Our company provide service to defense industry with 800 m2 confined space production facility, technologic machine park and powerful staff.

Today, it work with movers and shakers companies like Aselsan A.Ş, Fnss A.Ş, Roketsan A.Ş and Mikes A.Ş. Aryasis Machinery which aims to provide durability of quality with experience from the past of founders will go ahead to work this direction with machine and staff investments.





ARITES METAL SAN. ve TİC. LTD. ŞTİ.

Arites Metal Sanayi ve Tic. Ltd. Şti. was incorporated in 1986 to engage in sale of STAINLESS STEEL products and raw materials and in manufacturing equipment. In the first years following incorporation, it only dealt with trading, then after it had moved to Ostim Organized Industrial Region, it became one of the most noteworthy companies active in the fields of stainless steel production and after-sale services.

Our aim is to give importance to opinions of the people, make attempts ever-raising the bar, create challenging projects and get pioneer achievements.

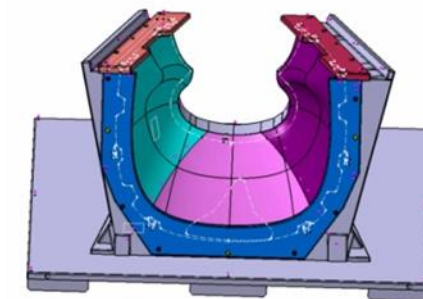


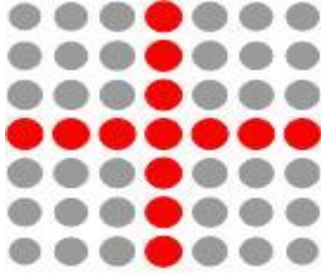
Our company was founded in 2011 in Ankara, Başkent Organized Industrial Zone. Design and manufacturing activities was beginning in July.

The purposes of the enterprise are, produce detail parts of all fixed (airplane), rotary (helicopter) winged platforms (air vehicles) and satellite systems, design and manufacture detail and assembly tools for all these detail parts and systems.

The first aim of our company is, designing and manufacturing assembly and detail tools and detail parts of the aircrafts.

Long term purpose of our company is to design and manufacture the aircraft components for the Turkish and worldwide aerospace companies.





arti

ARTI Industrial Electronics is a design company that has been providing customer oriented services from the project phase of a product to the manufacturing and assembling phase since 1995 on these fields:

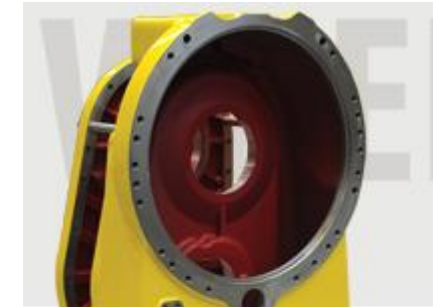
- +Power Electronics**
- +AI/DC (Automatic Identification and Data Capture) Software and Hardware**
- + Electronic Signalization Systems for Highways and Railways**
- +Process Control**



Founded in Ankara in 1986, ASSAN is a company highly recognized for its experience, prompt and efficient service and high quality products supplied under the brand name of ASP which was established by ASSAN later on in 1996. Due to the strong experience of ASSAN, ASP Machinery has had major success and rooted itself as a top quality brand name in the supply of replacement spare parts available on the worldwide market.

ASP's specialty is the production of replacement spare parts for earth moving machinery. ASP is able to supply more than 10,000 replacement parts in the Caterpillar® line, more than 2,000 replacement parts in the Komatsu® line and more than 450 replacement parts in the Kawasaki® line. In addition to its current product range, ASP continues to grow its product line by developing and producing 35 new replacement spare parts on average every month. With its own production of 10,000 and supply of over 3,000 replacement spare parts from other carefully selected sources, ASP is without doubt the leader in production and sales in Turkey.

ASP's strongest focus is on customer satisfaction and to achieve this, the company uses state of the art technology within its facilities to ensure its quality. The ASP brand has maintained a high reputation both in quality and reliability worldwide. This success keeps the company searching continuously for growth through research and development in products and technology.



Askar Makina supplies quality toolings and equipments to the automotive and the aerospace industries:

Automotive

- **Sheet metal stamping tools (progressive, transfer, manual)**
- **Welding and assembly fixtures (manual and automated)**
- **Checking/Cubing fixtures Aerospace**
- **Composite moulding tools (autoclave tools, RTM tools, bonding tools, etc.)**
- **Sheet metal forming tools (bending, stretch forming, deep drawing tools)**
- **Assembly jigs and assembly lines**
- **Milling jigs and routing fixtures**
- **Transport tools and MRO equipments**
- **Aerospace parts machining**



ASPILSAN ENERGY was established in 1981 with donations of Kayseri people im organized Industrial Region. The main Share holder of our company is Turkish Armed Forces Foundation with participation rate of %98.



The main purpose of setting up of ASPILSAN A.S. was to meet the general demand of Turkish Armed Forces for he rechargeable Nickel-Cadmium batteries, however, during recent years vast improvement has been achieved and today more than 100 different products could be manufactured for the demands of civilian and military portable telecommunication devices, weapon systems, electronic/optronic equipment, and complete batteries for aircraft and helicopters.



Fields of Activity

All kinds of Ni-Cd, Ni-MH, Li-Ion, Li-Po Cell and Batteries

Solar Cell, Thermopile and Fuel Cell

Renewable Energy

Energy Storage Systems

Electric/Hybrid Vehicles

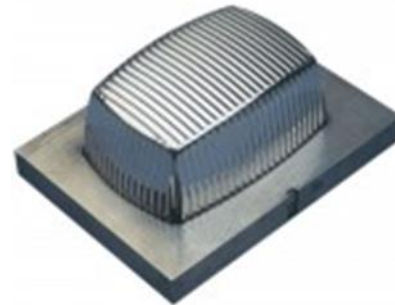
Chargers

Cell/Battery Laboratory Test Systems



Our Company, commencing its activities in mould production in 1976, ATAKOÇ has realized to make progress and consolidated its place in sector by implementing state of art production requirements with experienced administrative and technical staff in the past 30 years.

ATAKOÇ gives priority to customer satisfaction by means of excellent quality perceptiveness and has constructed advertisement strategy on reference network accomplished by customer satisfaction. ATAKOÇ, known as school-company in the sector, is full of hope for the future thanks to its investments.



Atılım Teknik Makine was built in 1999 with principle of “There is no production that cannot be done in Turkey”. ATM specialized in fields such as defense industry, Casting and recycling (recovery) machines and facilities. ATM continues to provide services in 20.000m² area with 70personnels now. In order-oriented production, AR-GE department carries out special design and layout for each customer and turnkey installation and commissioning services of the final products are realized by the company. High quality perception was approved on April 2006 by taking ISO 9001. ATM increased customer expectations by taking production and trademark patents, CE documents of products. ATM also realized export to many countries.



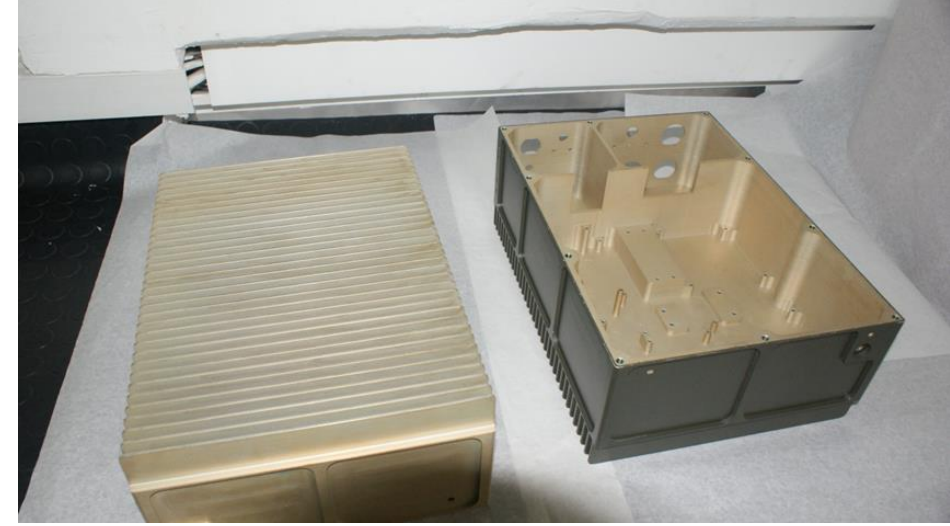
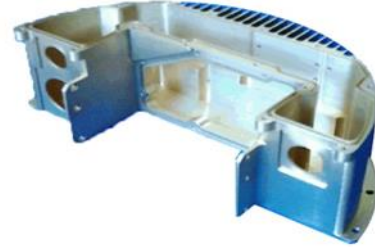


ATOM TEKNİK
MAKİNA SANAYİ VE TİC. LTD. ŞTİ.

ATOM TEKNİK MAKİNA SAN. ve TİC. LTD. ŞTİ. 1982 OSTİM in / ANKARA has been established at the Defense Industry, Cement Testing Equipment and began to serve in the machining production areas.

In this time and the demands of companies operating in the defense industry has been working at the moment in two separate groups.

The manufacture of cement testing and laboratory equipment in the first group since its establishment during the period the import of these devices has become completely unnecessary.





ATP MAKİNE has been serving in the sector since 2001. ATP MAİKNE whose main activities are on Automotive, heavy equipments, Medical, spare parts for Energy and Defence sectors, Machinery design, manufacturing, and assembling has been successful in carryng out and controlling these activities within the time schedule and conditions of the agreements since its establishment.



- **STEEL MATERIALS**
- **TOOL STEELS**
- **COLOURED METALS BESIDES IRON**
- **TECHNICAL PLASTICS**
- **PTFE FABRICS**
- **STAINLESS STEELS**





Our company has started in 1975 and have successfully made many works in the subjects of mould production, production with sawdust and welding-press works. In the recent times it is mostly focused on the production of replacement parts. Our company gives importance to quality control in each step and has proved its success in this regard. Our company owes this success to following new technologies closely and its use of the support of the administration system in every step of the production process.

Next to the technology investments it makes, our company believes that it makes significant investments in the issue of human resources. All of the workers in Başkent Makine are qualified staff and at the same time they have quite advanced technological equipments. The workers are all trained before and at the beginning of their recruitment and it is made sure that they all follow the advances in technology and keep themselves updated about it.

Our company makes the 75% of its production to the French-originated company AREVA and we have exportation connections with foreign countries. Our company develops and grows every day and it has already proved with its works that it is capable of achieving even better positions. Also it plans to develop the customer portfolio, within the frame of the quality system ISO 9001:2000.



BATURALP-TAYLAN has expertise on Engineering, Design, Installation, Commissioning, After Sales Support, Engineering and Support Services and Software Development company for ICEngines, Electrical Motors, Hybrid Systems and Transmmission Test Benched.



Baturalp - Taylan Ltd.
proje - imalaat - mmessillik - sanayi org. ltd. Őti.

BATURALP-TAYLAN supplies turn key and tailor made solutions according to customer's requirements by using carefully chosen and high quality hardware products of global companies and by using BATURALP-TAYLAN local products.

ICEngines, Electrical Motors and Transmissions are tested by applying load with suitable dynamometers which can one be of Hydraulic, Eddy-Current (EC) , Active (Act) types.

Engineering of the test system includes designing and manufacturing of supplementary units and their automation working in conjunction with the test bench..

BATURALP-TAYLAN is the leader company of the local market and has know-how & experience which will fullfil customers' requests.

We are your local and international partner for Production Test Benchs, Research and Developement (R&D) Test Benchs, Durability Test Benchs, Homologation Test Benchs, Emission Test Benchs.

We also have our own Test Bench Control Software named "ANKA" and we are able to recode according to customer/project requirements.



Berdan Civata Company was founded by Mr. Hasan Şemsi and Mr. Yunus Şemsi brothers in 1979 in Tarsus to meet the standard and special screws, nuts, studs and anchor fasteners needs of both domestic and overseas firms in each kind and quality. Senior Mechanical Engineer Mr. Hasan Şemsi, one of the founders, is the oldest bolt manufacturers of Turkey with over 40 years domestic and overseas experience thereof as six years Denet Civata Company in Istanbul province and as six years in STFA Civata Company in Adana province.

Berdan Civata Company making production according to ISO, EN, ANSI, DIN, ASTM, AFNOR and JIS norms and customer demands has an important place in both national and international markets as a complete integrated bolt factory with the heat treatment facilities, electro-galvanization facilities, dip galvanization facilities and zinc lamella coating facilities in addition to the bolt-nut production facilities thereof.

Berdan Civata Company, currently exporting its products to more than 30 countries, makes its high-strength bolts, anchors, studs, threaded rod and nut productions by taking into account international quality standards and customer demands for power transmission lines, machinery, construction, steel construction, shipbuilding industries as well as construction of refineries and petrochemical plants, railways, roads, tunnels and dams and the wind energy industry



Birsel, with cofounders who have 30 year of experience in the defence industry , was established in 2013 with high sense of quality and service in the sector.

Our firm, having Machining, mounting, design and analysis services for defence industry, specifically adopted quality product services on time as a principle.

Prioritizing quality and customer satisfaction, Birsel has got ISO 90001-2008 Quality Assurance Certificate.





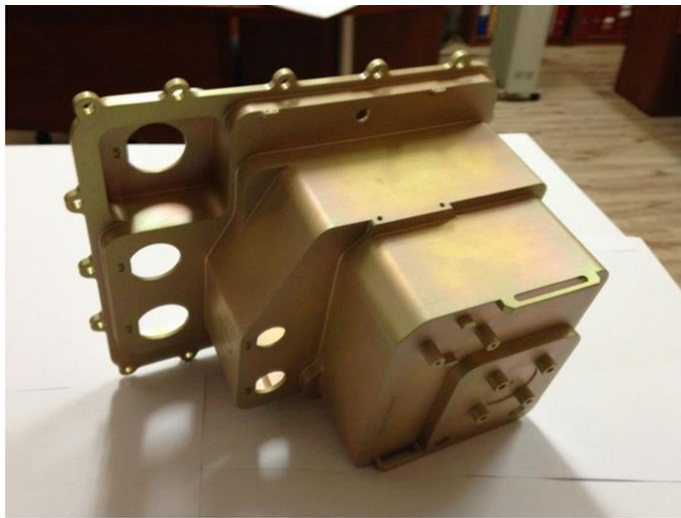
BOSAN Established in 1996, it is a company that applies high quality industrial processing.

1350 square meters of field engineer, chemist and expert technicians in the presence of experienced staff is continuing





BÖKE Makina is a firm which was established with local capital in 1986. BÖKE Makine, having multiaxis machineries and specialized employees, has been pulling out all the stops to catch the perfection in design, manufacturing and mounting. We are well experienced in processing aluminum, steel, rustproof steel, titanium, magnesium etc. In addition to these, development and production of custom gauge, die-apparatus-fixture design, reverse engineering ,design, and assembly activities are also carried out by BÖKE Makine.





CES

ADVANCED COMPOSITE PRODUCTS

CES has unique expertise and facilities about advanced composite product design and manufacturing. CES's business fields are defense and aerospace industries. Having the cutting edge production methods and equipment, our capabilities are ready to serve you.

Some of the services that we offer are as follows,

- **Composite part manufacturing; Autoclave curing, Vacuum infusion, vacuum bagging and RTM**
 - **CNC machining; tool, jig and mold manufacturing**
 - **Finite element analysis**
- **Solid model, surface modeling and composite structure design**
 - **Autoclave, pressure vessel and oven design**

Thank you for your interest to CES. If you are looking for advanced composite products for the Aerospace, Defense, Commercial or Industrial markets our dedicated team of professionals will be glad to assist you.

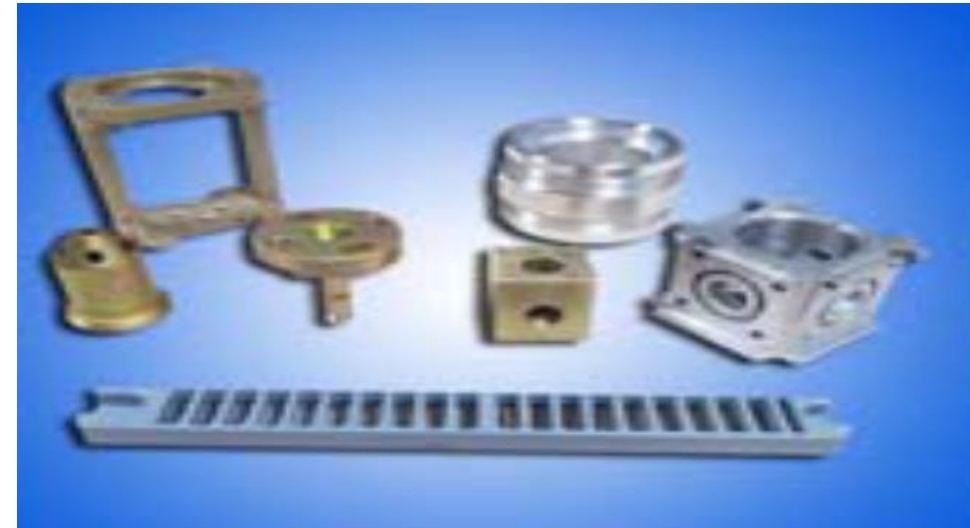


Cetek Makina IML. ITH. IHR. SAN. TIC. LTD. ŞTİ., which is found in 700 square meter closed area in Ostim/Ankara in 2002 as a producer of items for the Agricultural, Medical Equipment and other sectors, celebrates its 8th foundation anniversary.

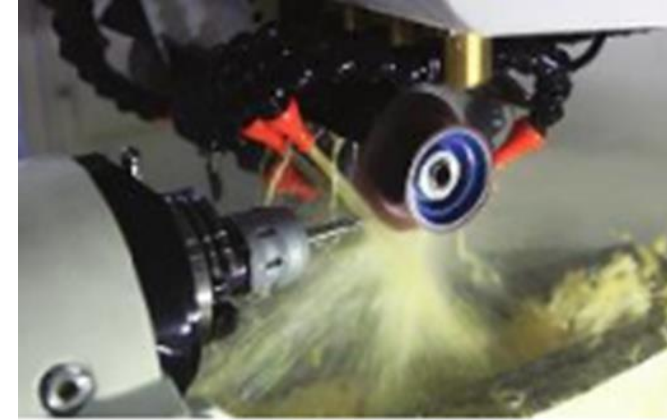
Cetek Makina, which has focused on the sectorial producing since its foundation, develops its infrastructure according to this aim and educates its technical staff.

Our firm is certified with ISO 9001:2008 Quality Management System Certificate. Our firm is trying to provide quality, reliability, harmony to the developing and changing technology and customer pleasure as its unchangeable components with its all employees. **Cetek Makina** which is reached international exporter identity, is going to its aims without making any concession.

Always will be further



- **1983-1987: Production of 2.75 inch rocket wing and blower pommel started as a sub-contractor of ELROKSAN A.Ş.**
- **1993-2017: Mechanical production service was carried out as a sub-contractor of Aselsan A.Ş.**
- **1995-2005: A collaborative work has been initiated with the German ABB company and the renewal of the steam turbines of Turkish power plants has started.**
- **1998-2017: Mechanical sub-contracting service was provided to Nurol Holding FNSS Gölbaşı armored vehicles factory.**
- **2003-2017: Spare parts of BLUMAQ Military civilian land platforms were produced**

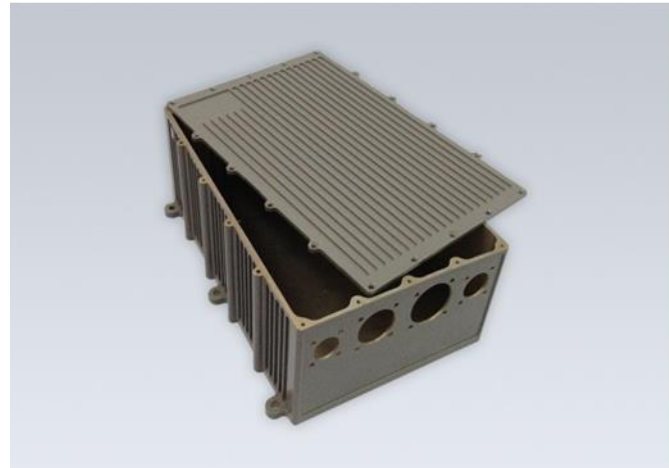




CNK Aerospace was established in 2004 to develop post-processor software for multi-axis metal machining.

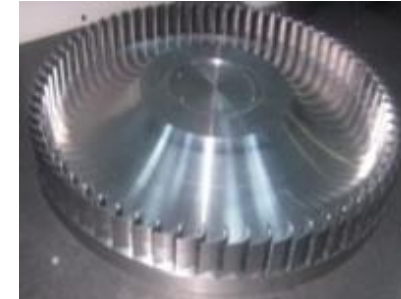
Accordingly in 2007, by extending its field of production CNK Aerospace stepped into manufacturing world as it starts to manufacture AB139 /Boeing 737 and A320 complex parts for aerospace industries.

CNK Aerospace has been growing as parallel to growing market needs and its strategic plans by investing human resources and its inventory. CNK Aerospace is one of a JSF industry company approved by Turkish and US government.



We are an experienced team in defense and aerospace with strong roots planted by our group which has a strong belief in education, research and development and served half a century in automotive, machinery, dies and defense industry.

With the vision of being a desired business partner in every field of operation and the best in what we do, we focus on our mission of serving the global aerospace and defense sector by maintaining our experienced human resources, establishing the satisfaction of our stake holders, using the state-of-the-art technology and performing by our best to bring solution to the problems and fulfilling our environmental and social responsibilities.



CUHADAR TREYLER

The company was founded at a large workshop organized by Cevdet ÇUHADAR in Ankara in 1972. The workshop moved to Ostim and is now operating as a service in the organized industry in 1984 . Mustafa and Kemal Cuhadar, the second generation of the family, managed to produce quality products and made the first step towards a stable growth by taking the quality of the product to the next level at 1999.

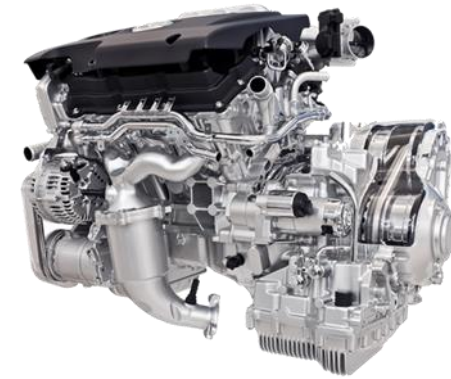
The company received the ISO9001-2000 Certificate in 2005 with the highest quality product manufacturing, flexible production solutions, wide product range, customer satisfaction, continuous improvement of quality management systems in the face of today's competitive conditions, developing consumer rights and social consciousness level.

Being the best in the sector since its first establishment and aiming to produce the best quality product by itself, The Çuhadar Treyler company does not fit into Ostim and continues to grow by moving the factory to Kazan on to a 3000 m2 closed and 2000 m2 open area at 2008.



Since it was founded in 1997, DADE has been involved in daily projects and original projects in the world. Expert team is experienced to do all system analysis, design, test, prototype and validation processes and all kinds of drawings and directives and workflow documents.

He has successfully completed all system analysis, design, testing and implementation projects contracts with the world's leading aerospace, automotive and defense companies, especially with power pack, gearbox and motion transfer and mobile systems.



Das Lager Germany is the most creative, innovative and dynamic as a leading bearing firm in the Turkish industry.

Das Lager Germany is in bearing and auxiliary equipment business. The company focused on producing and marketing of industrial and automotive bearings in addition to these has placed in an important position in Turkey.

The company produces first class bearings with German design and engineering. Das Lager Germany has the biggest product range from miniature bearings to full-scale bearings which are used in heavy industry and every field of application.

Besides the standard products, DAS LAGER GERMANY can also design the bearings based on the customers needs and with that it is also called "the bearing tailor"





DEMAK
HAVACILIK MAKİNA SAN. ve TİC. LTD. ŞTİ

SECO 
BÖLGE BAYİİ

WE ALWAYS ATTACH GREAT IMPORTANCE TO INCREASING OUR PRODUCTIVITY CAPACITY AND NOT COMPROMISING ON QUALITY BY PRIORITISING OUR RESPONSIBILITIES IN BUSINESS LIFE AND OUR RESPECT FOR YOU, CONTINUOUSLY IMPROVING OURSELVES AND WORKING WITH THE SENSE OF CATCHING THE LEAST PRODUCTION COST.

OUR MOST IMPORTANT AND ULTIMATE GOAL IS TO BE AND STAY “YOUR PREFERENCE”.

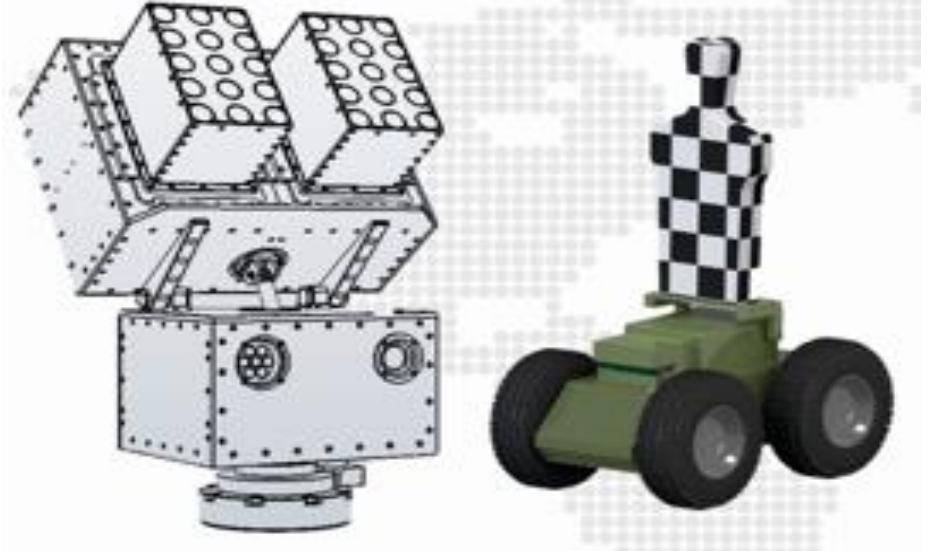
DEMAK was founded in 1997/2012. Our company supplies the plastic-rubber material and machining needs of electromechanical industry companies and military establishments as subsidiary industry. The production in DEMAK is carried out meeting ASTM, AMS, MIL-STD, DIN standards and order based, depending on our customers’ design or samples.



Digitest Electronic, incorporated in Ankara in 2002, started its activities of industrial electronic card malfunction detections and technical service. Digitest Elektronik, closely following the advanced technology with awareness and culture for R&D, has become the first domestic manufacturer of malfunction detector systems in Turkey.

With the importance given by the Company to the domestic production, it caused its R&D studies to focus on electric-electronic devices, military systems and meteorological systems.

In order to expand its defense industry activities and focus on the projects of defense industry with solutions special to these systems, it has determined, with its experienced engineers and technical personnel specialized on the defense industry, its product range as to include simulators, inserted software, C3 system software, system integration, electronic systems, communication systems, sensors, vision systems and radars



Dirinler Companies Group is a family establishment making industrial and commercial activities since 1952.

There are four factories where the machinery and product manufacturing and one marketing company; a foreign trade company organizing the export and import works of the companies group in the company.

The last company entered to the group in 2010 is the tourism and port management company of the group.



Our firm which began to facilities in order to serve in the sawdust production in OSTİM in 1987 has been working as subcontractor in defence industry since 1990.

The various parts for Defense Industry, Electrical Industry, Automotive Industry, Food Industry, Healthcare Industry, Heating and Air Conditioning Industry in our company is manufactured.

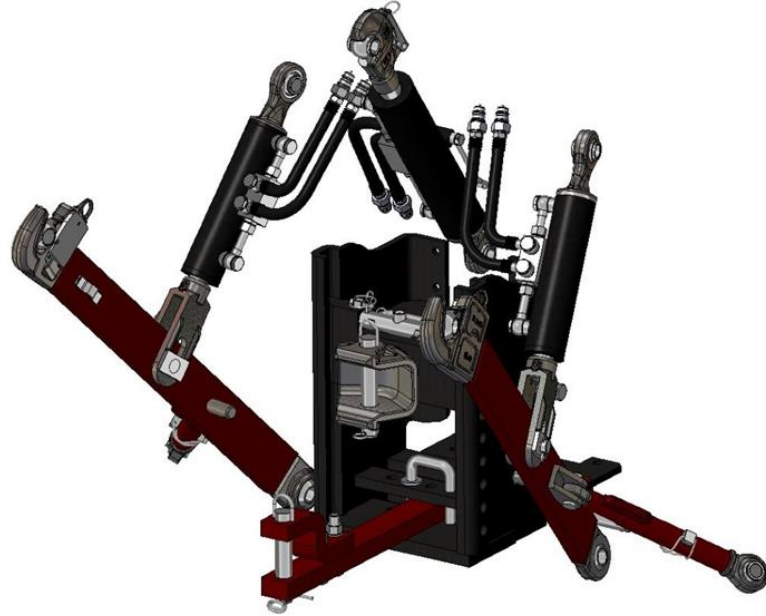
Our company producted according to standard conditions taken ISO 9001:2000 Quality Certificate from TÜV Technical Control and Certification Company in 1999. In it's 1700 square meter facility Since April 2004, in the light of the 25-year engineering services and knowledge, our services in the sector within a more modern facility have been continuing in our machinery that is continuously renewed.





Our company has been operating in the sector since 1986 and it has a total area of 56.000 sqm with its 3 factories including a closed section of 32.000 sqm and an open section of 24.000 sqm. Doğanlar Steel Forging owns a modern machinery park and it is a specialist forging and processing plant manufactured forged parts in various sizes and shapes with a weight of 1 kg – 200 kg.

With its experienced technical team, R&D group and sales unit, our company achieved many successful works within and outside the country and it aspires to become the leading name in its field and to work by foregrounding the customer satisfaction.



Dora Makina İmalat Sanayi, combining information and experience of its founders on machining, was founded in 2004 so as to serve such information and experience to the use of industry in a more profitable manner.

Though our company is quite younger, its partners' industrial experiences, knowledge of production of 20-25 years on various quality assurance systems constitute the strong indicators that the Company would put up important performances within short period of time.

Our target is to get a good share in national and international markets where the competition is higher with regard to qualified labor force and advanced state-of-the-art technology products and equipments; and where the quality and reliability are indispensable.

We are of the belief that we have the power, knowledge and capability to achieve this



- Döksan Isıl İşlem had started induction heat treatment service in 1989. We have been giving a service with other heat treatment process with 3600 m² new plant since 2014.
- Our heat treatment equipment;
- 7 sealed quench atmosphere controlled furnace which has 600Kg capacity.
- 11 tempering furnace.
- 1 vacuum furnace for tool steel heat treatment, 1 low pressure carburising with high pressure quench furnace.
- 1 sub zero treatment furnace
- 3 pit type carburising furnace which has 10 tones capacity.
- 2 plasma nitriding furnace
- 2 pit type gas nitriding furnace
- 5 induction heat treatment machine
- 2 Grinding machine
- 3 Shot blasting machine

Döksan Isıl İşlem has 100.000 tones heat treatment capacity per a year. It has 15 White collar employee and 45 workers.

Döksan Isıl İşlem A.Ş is the first commercial heat treatment company with R&D department as of May 2017 in TURKEY.

Döksan Isıl İşlem A.S has AS9100 certification as May 2017



TUNNEL & FOUNDATION
TECHNOLOGIES



Our companies, Metalurji Isıl İşlem Co.Ltd which is established in 1993 and Akdağ Isıl İşlem which is established in 1995, have started to work under the same roof of Metalurji Isıl İşlem Co. Ltd with the title of Metalurji Akdağ Isıl İşlem Co. Ltd for the heat treatments works in Ankara and the neihgbour cities since 10.08.2012.

Our companies, satisfying the steel alloy and machining production demands from several Anatolian provinces since 2000, established E-Berk Makina Metalurji San. ve Tic. Şti. to meet the increasing demand, and started to serve the Turkish Industrialists also in this sector.

Our company is making export business with several companies on international market since 2005. Our company is mainly working for aviation and defence industiries but also manufacturing products for Tunnel and Ground works, Tractor and Automotive Industry, Textile Industry, Heavy Construction Equipments and Tube Mills.

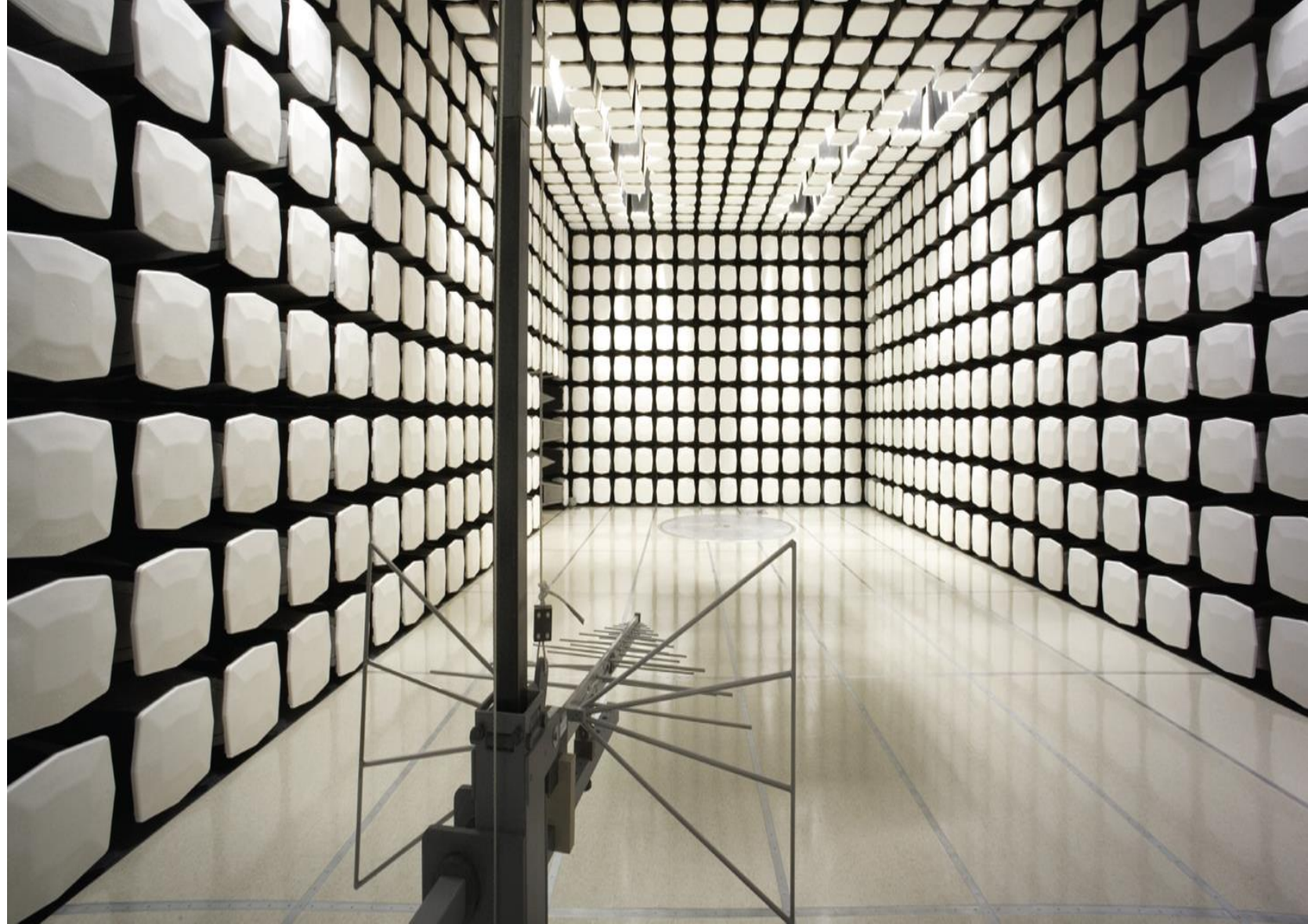
We 're active with 15 engineers and 95 personnel in our 6500m2 indoor space since 2010

Our Company mostly manufactures spare parts for aviation and defense industry.

Eldaş Calibration and Testing Center established in the area of testing for industry needs and began to serve to its customers with well trained staff since the beginning of 2004.

In order to reduce the expenditures of testing of companies which were obliged to make their tests abroad, Eldaş established the most modern infrastructure for laboratories which is currently one of the leading testing and calibration center of Turkey as technical and as know-how level.

The principal of Eldaş is to give customers always the highest quality, fastest and most affordable services. Eldaş always listen the customers' problems in order to keep its infrastructure up to date. Whereby ELDAŞ laboratories were the only two EMC roomed labs in Turkey.



As the first manufacturer of ESWL Systems with advanced technology in Turkey, ELMED was founded in Ostim / Ankara in 1991. The leader of market, ELMED, offers the medical profession worldwide an innovative, effective and advanced Lithotripsy Systems for around 25 years.

The company has already been focused on developing new technologies and high tech products in the field of Üroloji. For this purpose the company invented and developed a Flexible Ureteroscopy Robot, AVICENNA Roboflex, not only for the 1st robotic application in Turkey but also in the World.

With its own R&D department ELMED continually innovates existing product range.

Additionally ELMED follows up the new technology and market demands in order to design and produce new device in the other fields of medicine. For this purpose ELMED has an office at Hacettepe Technopolis to act in industry & university cooperation.

ELMED



SIMULATION AND TRAINING SYSTEM

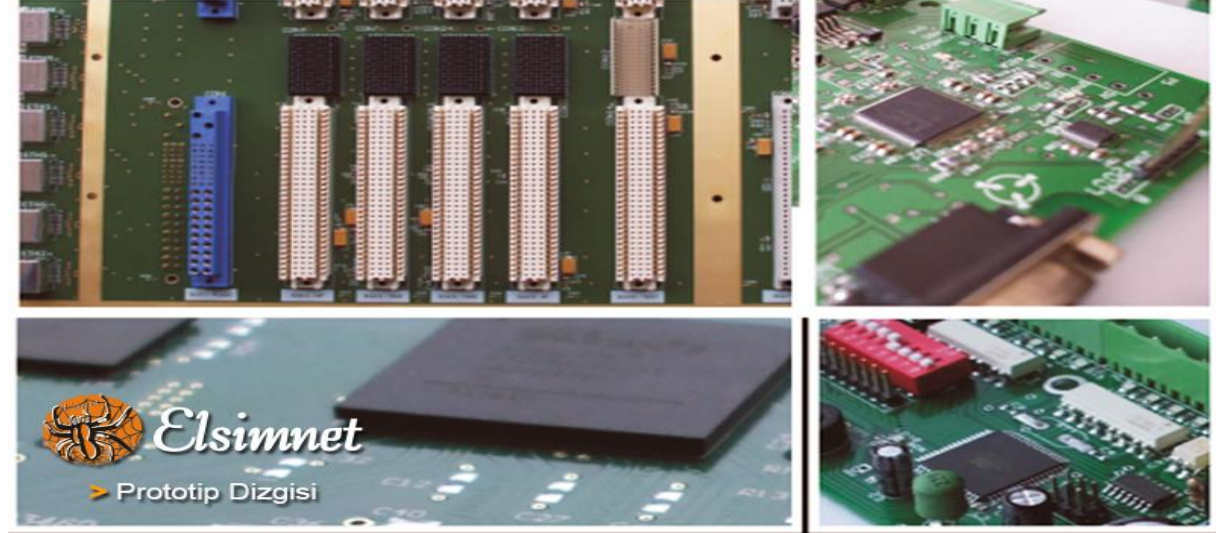
- * Main Battle Tank Crew Training
- * Training for Mortar and Artillery



Elsimnet

ELEKTRONİK SİSTEMLER
İMALAT, PAZARLAMA VE İNŞAAT LTD. ŞTİ.

Our company went into action in 26.01.1999 in Ankara. It serves as producer of cabling, assembler of Elektro-Mechanic, DIP and SMD PCB to defence industry and basic industry in the area which is 1250 m2 with expert staff and machinery that have the certificate of IPC and builded a quality system that is proper for the ISO 9001 standardization.



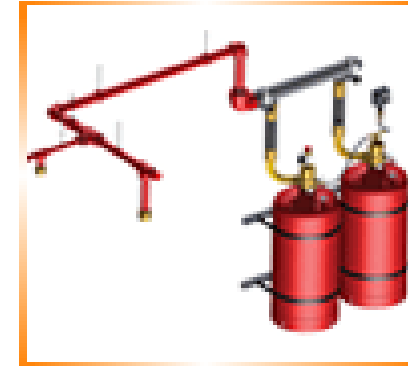
ELSiS, Elektronik Sistemler Sanayi A.S., established in 1971, deals mainly with R&D, design and manufacturing of power electronic equipment. Products are made to industrial or military standards, according to customer demands.

ELSiS main products are switch mode power supplies, battery chargers, DC/DC voltage converters, DC/AC inverters, uninterruptible power supplies, AC line voltage regulators, power management units.

Most of the units may be arranged for parallel-redundant operation



- **Adressed fire detection systems**
- **Conventional fire detection systems**
- **Air sampling fire detection systems**
- **Water fire-fighting systems**
- **Foam fire-fighting systems**
- **FM-200 fire-fighting systems**
- **CO2 fire-fighting systems**
- **Automatic vehicle fire-fighting systems**



KAYAR BİLEZİK TAMBUR / SLIP RING ROTOR



SARP KAYAR BİLEZİK TAMBUR

- Toplam 74 Hat
- 13 Güç Hattı, 61 Sinyal
- Ø20 mm * 137 mm

SARP SLIP RING ROTOR

- Total 74 Line
- 13 Power Line, 61 Signal
- Ø20 mm * 137 mm

MCT TAMBUR

- TOPLAM 52 HAT
- Ø44 mm * 90 mm

MCT ROTOR

- Total 52 Line
- Ø44 mm * 90 mm

REFERANSLARIMIZ / REFERENCES

ASELSAN VE TUSAS A.Ş. STRATEJİK PARTNER
STRATEGICAL PARTNER OF ASELSAN A.Ş. AND TAI A.Ş.

ONAYLI ALT YÜKLENİCİ/APPROVED SUPPLIER
HAVELSAN A.Ş., HAVELSAN TEKNOLOJİ RADAR A.Ş.,
FNSS A.Ş., ROKETSAN A.Ş.,
ZODIAC AEROSPACE



OGC KAYAR BİLEZİK TAMBUR

- Toplam 44 Hat
- Ø20,5 mm * 137 mm

OGC SLIP RING ROTOR

- Total 44 Line
- Ø20,5 mm * 137 mm



BELGELERİMİZ / DOCUMENTS



KOLLEKTİF ŞİRKETİ ELEKTRO MEKANİK GEREÇLER ENDÜSTRİSİ



emge@emge.com.tr



Ostim Mahallesi Ahi Evran Caddesi
1211. Sokak No: 14 (Ostim V.D. Yanı)
06370 Ostim/ANKARA



0.312 354 92 71 (Pbx)



0.312 354 54 81



www.emge.com.tr

JOYSTICK



CİFT KOLLU TUTAMAK DUAL

- Stabilize Silah Sistemleri Kontrol Ünitesi
- Değişken Silah Seçim Konfigürasyonu
- 2 Eksen Sağ El Kontrolü
- Sol El Sabit Konfigürasyon Kontrolü
- Tekerlekli Kara Araçlar İçin Yapılan Tasarım
- Ip 65

DOUBLE ARM HANGRIP DUAL

- Stabilized Weapon Systems Control Unit
- Variable Weapon Selection Configuration
- 2 Axis Right Hand Control
- Left Hand Constant Configuration Control
- Design For Tracked Vehicles
- Ip 65



CİFT KOLLU TUTAMAK SABİT DUAL

- Stabilize Silah Sistemleri Kontrol Ünitesi
- Değişken Silah Seçim Konfigürasyonu
- Sol El Sabit Konfigürasyon Kontrolü
- 2 Eksen Sağ Basparmak Kontrolü
- Tekerlekli Kara Araçlar İçin Yapılan Tasarım
- Ip 65

DOUBLE ARM HANGRIP CONSTANT DUAL

- Stabilized Weapon Systems Control Unit
- Variable Weapon Selection Configuration
- 2 Axis Right Thumb Control
- Left Hand Constant Configuration Control
- Design For Tracked Vehicles
- Ip 65



CİFT KOLLU TUTAMAK

- Stabilize Silah Sistemleri Kontrol Ünitesi
- 2 Eksen Sağ El Kontrolü
- Sol El Sabit Konfigürasyon Kontrolü
- Tekerlekli Kara Araçlar İçin Yapılan Tasarım
- Ip 65

DOUBLE ARM HANGRIP

- Stabilized Weapon Systems Control Unit
- 2 Axis Right Hand Control
- Left Hand Constant Configuration Control
- Design For Tracked Vehicles
- Ip 65



TEK KOLLU TUTAMAK

- Stabilize Silah Sistemleri Kontrol Ünitesi
- 2 Eksen Sağ El Kontrolü
- Paletli Kara Araçlar İçin Yapılan Tasarım
- Ip 67

SINGLE ARM HANGRIP

- Stabilized Weapon Systems Control Unit
- 2 Axis Right Hand Control
- Design For Palletted Tracked Vehicles
- Ip 67

JOYSTICK



SOL STAMP

- Naval Silah Sistemleri Kontrol Ünitesi
- Sol El Sabit Konfigürasyon Kontrolü
- Deniz Araçları İçin Yapılan Tasarım
- Ip 67

LEFT STAMP

- Naval Weapon Systems Control Unit
- Left Hand Constant Configuration Control
- Design For Marine Vehicles
- Ip 67



CYCLIC HANDGRIP

- Helikopter Kontrol Ünitesi
- Sağ El Kontrolü
- Hava Araçları İçin Yapılan Tasarım
- T 625 (özgün Helikopter)'de Kullanılmakta

CYCLIC HANDGRIP

- Helicopter Control Units
- Right Hand Control
- Designed For Air Vehicles
- Used In T 625(Exclusive Helicopter)



SAĞ STAMP

- Naval Silah Sistemleri Kontrol Ünitesi
- 2 Eksen Sağ Basparmak Kontrolü
- Deniz Araçları İçin Yapılan Tasarım
- Ip 67

RIGHT STAMP

- Naval Weapon Systems Control Unit
- 2 Axis Right Thumb Control
- Design For Marine Vehicles
- Ip 67



COLLECTIVE HANDGRIP

- Helikopter Kontrol Ünitesi
- Sol El Kontrolü
- Hava Araçları İçin Yapılan Tasarım
- T 625 (özgün Helikopter)'de Kullanılmakta

COLLECTIVE HANDGRIP

- Helicopter Control Units
- Left Hand Control
- Designed For Air Vehicles
- Used In T 625(Exclusive Helicopter)

SOLENOİD

ÜRÜN ÖZELLİKLERİ

- Çalışma gerilim aralığı 18-32VDC(24VDC normal çalışma gerilimi)
- Çalışma Akımı 18 VDC 'de 9,0 ≤ I ≤ 10,3 A, Kısa süreli çalışmada (-45 °C+280 °C)'ye, sürekli çalışmada (-45 °C+155 °C)'ye dayanımlı.



PRODUCT FEATURES

- Operating voltage range 18-32VDC(24VDC normal operating voltage)
- Operating Current at 18 VDC 9.0 ≤ I ≤ 10.3 A, Resistant to short-time operation (-45 °C + 280 °C), continuous operation (-45 °C + 155 °C)

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ÜRÜN ÖZELLİKLERİ

- Çalışma gerilim aralığı 18-32VDC (24VDC normal çalışma gerilimi)
- Çalışma Akımı 0,9x0,7 A @ 24 VDC, Kuvvet Değerleri: (N): Ø 8 mm 'de F = 175 N @ 18 VDC @ 27±5 °C, 5 mm 'de F = 350 N @ 18 VDC @ 27±5 °C, Kısa süreli çalışmada (-45 °C+280 °C)'ye, sürekli çalışmada (-45 °C+155 °C)'ye dayanımlı.



PRODUCT FEATURES

- Operating voltage range 18-32VDC(24VDC normal operating voltage)
- Operating Current at 0,9x0,7 A @ 24 VDC
- Force Ratings: (N): At 0 mm F = 175 N @ 18 VDC @ 27±5 °C
- At 5 mm F = 350 N @ 18 VDC @ 27±5 °C, Resistant to short-time operation (-45 °C + 280 °C), continuous operation (-45 °C + 155 °C)

ÜRÜN ÖZELLİKLERİ

- -35 mm Bomba Atar



PRODUCT FEATURES

- -35 mm Bomb Shooter

ÜRÜN ÖZELLİKLERİ

- Çalışma gerilim aralığı 18-32VDC(24VDC normal çalışma gerilimi), İtme Gücü ≥ 200 N @ 18VDC @ 27±5 °C
- Çalışma Akımı 4,8±0,5 A @ 24VDC, Kısa süreli çalışmada (-45 °C+280 °C)'ye, sürekli çalışmada (-45 °C+155 °C)'ye dayanımlı.



PRODUCT FEATURES

- Operating voltage range 18-32VDC (24VDC normal operating voltage)
- Pushing Power ≥ 200 N @ 18VDC @ 27±5 °C
- Operating Current at 18 VDC 4.8±0.5 A, Resistant to short-time operation (-45 °C + 280 °C), continuous operation (-45 °C + 155 °C)

EMS Mekatronik fills a huge gap in Turkey by meeting the requirements of test devices substantially in which these test devices have become a necessity in almost every field of industry. Our company, in the leading position of the test devices, has set itself the goal to reach all the world countries especially Europe. It has reached many countries especially in Germany.

EMS Mekatronik undertakes all processes as design, manufacture and installation at customer lab to delivery of test devices.

EMS Mekatronik makes all kinds of R&D design and production of special equipment in response to requests from manufacturers and supervisory agencies.

EMS Mekatronik produces devices with outstanding from peers around the world in terms of technology and cost.



EMTİS Industrial Machinery Plant Design and Production and Construction Industry Tic. Ltd. Şti. was founded in 1999 by mechanical engineer Şirnevayi BALLI.



Our company has been an expert in 14-years' time in designing, producing and integration special mechanical and atomisation systems that are suitable for military standards. Besides these, our company's; military equipment production, special design processing and test-purpose tables, movable ground stations, HSR trailer, Live and fixed targets, Shooting systems, special field test shelters, generator trailers for military purpose, automatic sand preparation systems for casting plants and automatic casting lines design producing and installation, the modernization of the port container loading crane, port rail mounting, touristic trailer and tool-up hitch production continues.

Our company has shown itself in military atomisation systems and design projects lately. Our company added 4-axis CNC vertical machining, "C"-axis lathes, precision NC cutting, bending tables and aluminium, stainless TIG welding in its machinery. Our company is an expert in precision machining, sheet metal cutting and bending, aluminium, and stainless TIG welding, steel construction welding.



Emtis Endüstri Makina



Tel:0.312 385 45 10

Epsilon Aerospace and Defence Industries Ltd. Company (EPSILON) is a Small and Medium sized Enterprise of Company is composed by Turkish partners/entities.

EPSILON factory which is over 2000 square meters under its roof facilities is located in Ankara, Ostim Defense and Aviation Companies grouped by a cluster by the directive of Undersecretariat of Turkish Defense Industry.

The core business of company realized hitherto is to produce military and commercial parts and the related fabrication tools and utilities for the components of fixed wing aircraft, helicopter, tank, sea vessel, submarine, automotive, satellite's composite consoles, main frames and spare parts mainly by prepeg and vacuum assisted wet lay-up composite manufacturing methods for the customers both in Turkish and foreign markets.

The company also renders after sales support to her products beyond the existing standard warranty terms and periods for the customers.





For almost 40 years, ER MAKİNA has been one of the Turkey's leading gear manufacturing companies. It manufactures and serves high quality, complex, precision gears, custom-engineered gears, gearbox assemblies and sub-assemblies for commercial and aerospace applications, in both large production and small (prototyping) quantities. ER MAKİNA is also specialized in planetary gearboxes and carriers for heavy construction machinery and in production of spare parts for rock drill and drifters.

ER MAKİNA is committed to high quality and exceeding customer needs with its qualified employees that have comprehensive experience in manufacturing, engineering and design. Regarding our commitment, we have expanded our core services to become a leading high quality manufacturer of production gear components for both domestic and international customers. We serve various challenging applications in aerospace, mining, heavy construction, oil and gas, cement, chemical and petrochemical industries such as high speed gear boxes, aircraft engine gearboxes, landing gear components, sealless magnetic drive pumps, planetary gearboxes, reducer gearboxes and robotic systems



Has been producing hydraulic couplings, axles, hoops, brakes and spare parts for construction equipment with various power and sizes as well as flat, endless, helix, conical, bevelled and chain wheels since 1975 to present. It manufactures wind turbine reducer, hydraulic power plant, turbine and mil, planet reducers, concrete plant reducers, pear reducers, mil-connected reducers, one-way lock, geared coupling, elastic coupling and every kind of reducers depending on customer demand. It provides services to wide range of customers in the country or abroad with its machinery of 230 machine in its indoor area of 8500 m2 and 130 qualified employees. Customer satisfaction is a subject on which we show sensitivity in the direction of principles of quality production and delivery in time.

ermaksan AHTAPOT TİPİ MİKSER REDÜKTÖRLER

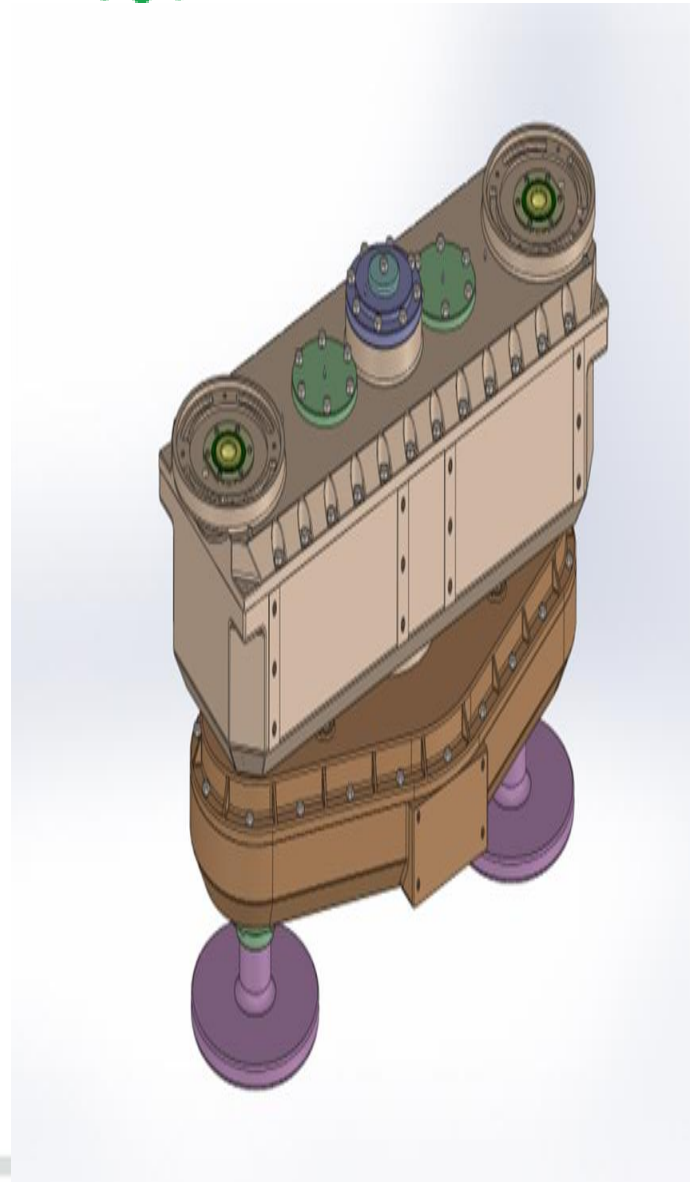
1.0' Ahtapotlu Mikser Redüktörü

2.0' Ahtapotlu Mikser Redüktörü

3.0' Ahtapotlu Mikser Redüktörü

	100 kg	150 kg	200 kg
Mikser Redüktörü	1000	1500	2000
Mikser Redüktörü	1000	1500	2000
Mikser Redüktörü	1000	1500	2000
Mikser Redüktörü	1000	1500	2000
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Mikser Redüktörü	1000	1500	2000
Mikser Redüktörü	1000	1500	2000
Mikser Redüktörü	1000	1500	2000
Mikser Redüktörü	1000	1500	2000

www.ermaksan.com.tr



We designate the concept of quality as our necessarily quality policy. In this sense-

- Our main principle is to improve quality management system continuously according to evolving and changing conditions.**
- All our activities based on to save environment and to save benefits of the society-country.**
- products and servises that re suitable to customer's expectations and requirements intent to customer satisfaction with the way of less costing, higher quality and lower time of marketing.**





The company was established as ERSAN in 1998, and experience of its founders in the sector dates back to much earlier time. ERSAN Group is the product of experience and accumulation gained in many areas of the sector for years. The company established by ErkanAstarıcı, Hasan Doğru, and Ali Güzey, has always had a positive momentum beginning from the starting point up to now.

The company having justified pride of being a partner that has proven its quality and loyalty both at home and abroad takes pains to maintain its development in accordance with its objectives with the vision of going ahead step by step all the time. We have become one of the successful companies not only in Turkey, but many places around the world through the objective of continuous improvement and change.

ERSAN Group has acted with “TRUST” principle in its development process and all the works it has carried out for its employees, affiliates, customers and of course for the country, and based all these relations on this foundation; it is a company that captured the hearts with its successful and intimate attitude in all relations it has established, and that is in demand and chooses to develop continuously.



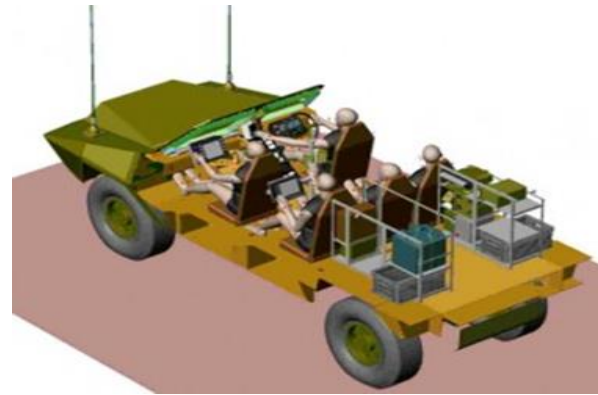
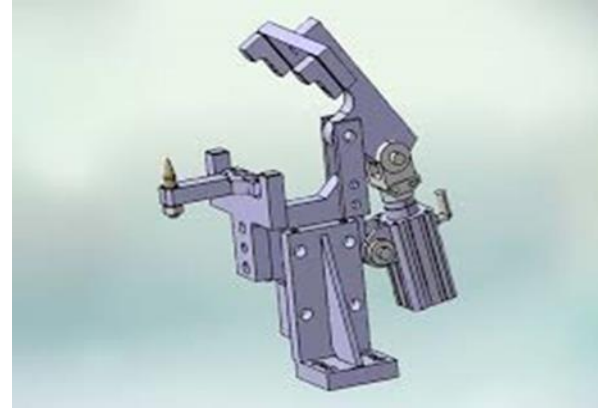
Ertech Simulation & Game Ind. Inc. is a commercial, Industrial and an end user Automation, Software Design, Manufacturing, Research& Development Company.

The company excels in Automation and motion control systems, as well as visual, audio, 3D, spherical projection, dome projection, curved projection, stereoscopic 3D projection, Active 3D projection, simulators, multitouch screens, software development, electronic board design, mechanical and custom projects for commercial, entertainment and military purposes.

Since its foundation in 2009 by a group of engineers, the company has established many several 5D, 6D, 8D, 10D, 12D DOF Simulators under the patented name Cinemagic Xd Motion theatres and extended its manufacturing line developing single use 3 DOF and 4 DOF motion simulators for entertainment industry like AirPlane and F1 Racing Simulators, Laser Game Rooms, Multitouch screens, and auxiliray cinema effect machines and its supplying materials. Led Based Flashing systems of various sizes, Fog machine and Liquid are just some of the products we manufacture in house for our clients.



Our company's managing board consists of the engineers whose carriers past in Aselsan 's project manegement and project entegration departments, Tübitak Sage's mechanic/structural designing and mechanig production departments. We serve to main actors of Turkish defence industry with the understanding of sensitive, high qualification, observable and improvable producing way.



ESEN System Integration



AVIATION

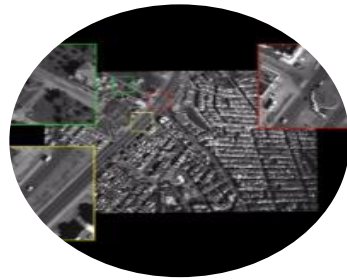
SPACE AND SENSING SYSTEMS

SOFTWARE SYSTEMS

SIGINT SYSTEMS



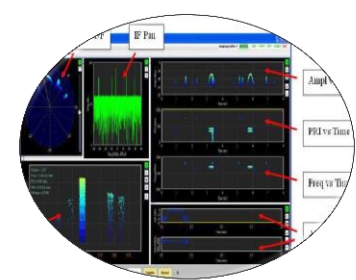
Aircraft Modification and Certification,
Safety Critical Software and
Hardware Development, System
Integration



Wide Area Airborne Surveillance,
Image Processing, Remote
Sensing, Space Technologies,
Small Satellites



Data Fusion Software, Data
Fusion Center Design, Big Data
Analysis and Visualization



ELINT/ESM, COMINT, IMINT
Mission Systems for Land, Air and
Sea Platforms, Intelligence Fusion,
Intelligence Mission Planning



EST
ENDÜSTRİ TEKNİK YÜZEY İŞLEMLER
ENDÜSTRİ TEKNİK SURFACE TREATMENT

Coating and painting services is a duration providing corrosion resistance, abrasion resistance, adhesion strength, lubrication, for Aluminum, steel, stainless steel, titanium, brass, copper, chrome, nickel and magnesium alloy surfaces, decreasing the frictional coefficient, increasing surface hardness, ensuring electrical conductivity / insulation and aesthetics properties, preferred by customer , performed according to customer specifications, when not specified according to the main Military Standards.

As a representative of “Technocoat ®” known as “Anti FrictionCoating” , it is the first contract implementer since 2007. Adding to its ability, it has been working since 2010 with other chemical processes, provides the needs of the main customer ; Defense and Aviation Industry. It has NADCAP certification that meets the needs of Aerospace and Defence sector and other ISO documents. Except Defense and Aviation Industry , it services Machinery Manufacturing, Automotive, Medical, Electric Industrial and Communications sector.





FAYMER

FAYMER MAKINA IMALAT IHRACAT LTD STI, founded in 2006 is a competitive manufacturer of spare parts for vehicular and military equipments; specialized in precision machining. With its ability to handle not only the manufacturing of most NSN's but also perform the required inspection procedures and finalize the contracts with its in-house packaging of materials, Faymer Makina has the vision to be among the best suppliers. For this strong vision, Faymer Makina relies on its talented and dedicated team of engineers and technicians.

During all kinds of manufacturing processes; modern manufacturing technologies –three, four, five axis computer numerical control machines (CNC); standard measurement equipment as well as coordinate measurement machines(CMM) are being employed. In this regard, Faymer Makina is proud of its capability to give quick responses to RFQ's and provide its customers with on-time delivery of quality parts.



Femsan has been producing Electric Motors in Istanbul, Turkey since 1988.

Currently, Femsan is the pioneer company in Turkey's market.

Since it's establishment, Femsan Motor has been performing product development process and supplying continuous service to their customers. Today Femsan's product range covers Brushless Servo Motors, Industrial Type, Square Frame DC Motors, Permanent Magnet DC Motors, Low Voltage-Seperately Excitated DC Motors.

Thanking to its high level of flexibility, it is possible to produce customized Motor types at different voltages and speeds for the special requirements.

Besides the special design in electric, it is also possible to build Motors with special mechanical dimensions such as foot, flange, shaft etc.

Femsan combines qualified labour and solid raw materials during manufacturing process. Nowadays, company is planning to enlarge it's product range by new entries.

Furthermore, Femsan has been involving with the trade of by-products that is used with electric motors such as servo drives, DC drivers, tacho generators, encoders, gear boxes and magnetic breaks.

The main goal of the Femsan is supplying high quality products to the market place by specializing at electric motors.





Gas Suppression Systems
Water Suppression Systems - Foam Suppression Systems
Extinguishing Systems for Commercial Cooking Equipment
Fire Hose Cabinets - Fire Hydrants

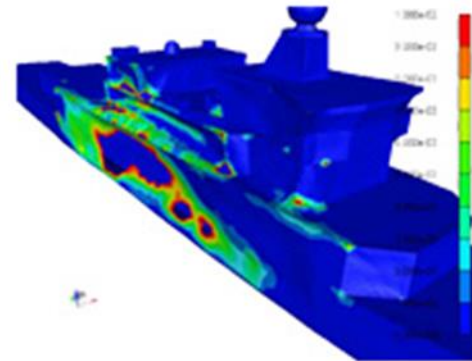
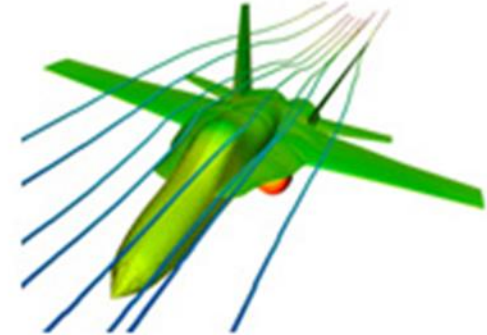
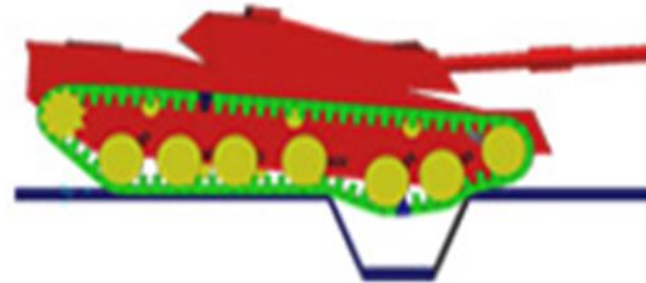
Your Solution Partner for ✓
Fire Extinguishing Systems





FIGES A.S. is an engineering company that was founded in 1990. With its specialized engineers in design, analysis and test; FIGES provides turn-key project services in Defense, Aerospace and Automotive industries from concept design to prototype manufacturing.

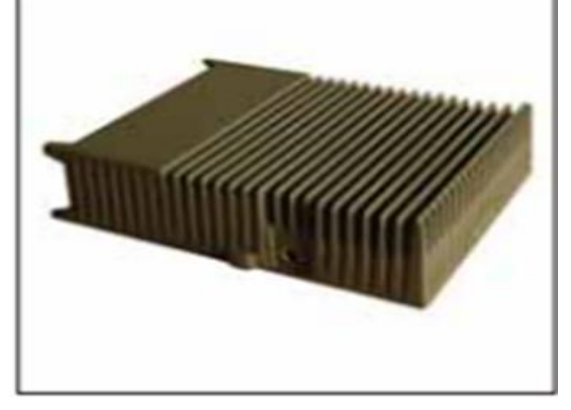
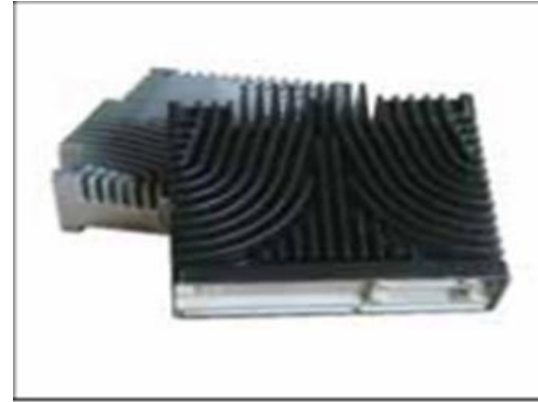
Main office is in Uludağ University, Ulutek Technology Development Zone in Bursa and branch offices are in ODTÜ Technopolis in Ankara and in Tuzla Shipyard Zone in Istanbul. FIGES forms specialty centers in these offices. FIGES provides services to Defense and Aerospace industries from Ankara office; to Naval industry from Istanbul office and to Automotive industry from Bursa main office.



Our company was established in 06.04.2002 and began its activities regarding metal covering and surface processes with its experienced personnel. We continue our activities rapidly with ISO 9001:2000 certificate.

Our aim is giving service without making concession from quality and by giving importance to customer satisfaction

FINAL
METAL KAPLAMA BOYA İMALAT SANAYİ TİCARET LTD.ŞTİ.



WHO ARE WE ?

Garanti Apparel Composites Technology Industry and Trade Co. Inc., has been founded in 2005 to manufacture advanced technology products for the use of governmental and civilian end users. We manufacture functional outerwear and ballistic protective equipments such as body armor and vehicle armor for military and law enforcement, by using state of the art materials. We combine functionality and esthetic while designing our technical outerwear in order to meet the demand of the Industry.

PRODUCTION CAPACITY

Garanti has a high production capacity depending on product type. Our main products are; breathable/waterproof garments, CBRN personal protection systems, flame retardant garments, sleeping bags & tents, load bearing vests & back packs, airbag equipped vests & jackets, body armor such as ballistic protective vests, hard armor plates, helmets, shields and vehicle armor panels. We are proud to serve Turkish military and law enforcement personnel.





www.gesmuhendislik.com

**GES Engineering was established in 2010 in Ankara -
OSTİM Organize Sanayi.
Aerospace and Defense Industry in the field of
precision mechanical manufacturing and assembly is
operating in the field.**



Global Teknik is located in Ankara ,Sincan Industrial Zone and has Manufacturing Certificate(Turkish MOD) ,Facility Security Clearance Certification (NATO) ,Nato Clearances since 2004 .

Global Teknik has capability to manufacture and serve the systems below;

Mini UAV Design and Manufacturing UAV Electrooptical Syst. Assembly & Sales Composite Parts Manufacturing, Connector Sales, Harness Services and Logistic Support LOS/SATCOM Data Links Man. of Unmanned Surface Vehicle Composite Console Man. for Ships Integration of Communication Syst.LOS/SATCOM Data Links Unmanned Ground Vehicle Shelter Inner Design and Assembly EMC Test Laboratory Establishment, EMC Test Laboratory for “Milli Tank” ProjectReal Life Support Equipment Supply For Mobile Camps, Establishment Of Test & Measurement System Laboratory Radome Manufacturing & Assembly LOS/SATCOM Data Links Electrooptical/Thermal Monitoring Products & Maintenance Repair Equipments with Designing, Modelling (CAD/ CAM) and Production of Composite Parts for Civil/Defence Industry with 5 axis simultaneous cnc- 3 and 4 axis cnc machines and manufacturing technologiesand 3d optical scanning-prototyping.

Global Teknik

is the member of Joint Venture which has been awarded by Ministry of Forestry (MoF) on 15th Jan, 2009 for giving Turnkey Rental Services for the “ Usage of General Purpose Helicopters for Extinguishing the Forest Fires” project during 5 years with 16 pcs. of Helicopters in Turkey.

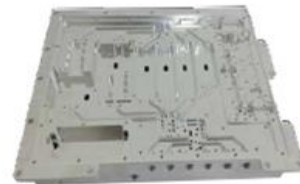


GLOBAL TEKNİK



Gora Makina was established on April 11, 2006 with the objective of producing military spare parts and automotive parts for machine design, manufacturing, defense industry.

Since its foundation, GORA MAKINA has been developing the GORA MAKİNA infrastructure for the purpose of product production for the Defense Industry in the best way and producing the desired quality according to the customer demands.



GÖKSER MAKİNA SANAYİ TİCARET LTD STİ



MOBILE CLIMATISATION SYSTEMS

ThermaCool

NATO STANDARDS
30 YEARS OF EXPERIENCE



In 1996, 40 m2 closed area, GROUP TEKNİK MAKİNA SANAYİ LTD. STİ. Our company established with the name, until 2000, such as machine spare parts and cutting tools. I was interested in the sales of materials. It has also operated as a subcontractor in military procurement and manufacturing operations

Since 2000, activities for the Turkish Defense Industry.



Güçlü Madeni Çelik Eşya founded in 1989, to meet needs in manufacturing sheet metal work with those years technological solutions in an area of 70 m2 industrial site in Ornek Industrial Site Ankara. Variability due to rapid advancement of technology and needs, in İvedik Organized Industrial Zone in 1999, our company purchased an area of 400m2, and has moved its manufacturing processes there. At the same address the company continued its growth in the last period, with 45 employees by the year 2010 and expanded to a 2500m2 closed area and equipped with high technology machinery and equipment to serve its customers. In this Factory; Telecommunications, Medical, Electronic, IT, Defense Industry, Automotive etc. industries components are being produced from all kinds of metal sheet.

Güçlü Madeni Çelik Eşya has equipped with the latest technology of CNC Machinery Park in order to provide fast, high quality, excellent and reliable service to the customers. For this purpose, company has bought 27-station CNC punch press machine in the second half of 2003. Also company has bought CNC UPKANT machine equipped with the latest technology in 2010. In addition to existing CNC UPKANT machinery in 2012 company continues to invest in latest technology and obtained 4,5 KW CNC Laser and 4 axis vertical processing machine and strengthen its machinery park **Güçlü Madeni Çelik Eşya**, since the establishment kept its the highest level of quality and customer satisfaction.



Since it was established in 1978, GÜLHAN has been one of the leading rubber based and other spare parts manufacturing companies in Turkey. Our profession is manufacturing rubber based and other spare parts for concrete pumps, concrete truck mixers and other construction machines. GÜLHAN is maintaining manufacturing operations at its own factory which operates in 6.000m² covered area. Beside all we can also manufacture polyurethane, polyethylene and plastic based parts.

Our main production groups include concrete pump spares (piston rams, all kind of rubber parts including gaskets, seal kits, steel wear parts, steel s-tube parts, casting parts ,hydraulic systems, end hoses and sponge balls), couplings, shock absorbers, engine mountings, sieve buffers. We can also produce special products by preparing our moulds due to your technical drawings and samples.

With more than 38 years of experience, GÜLHAN is determined to protect its mentality about;

- Working with expert stuff,
- Qualified raw material usage,
- Constantly expanding and diversifying the production range,
- Fast production & delivery on time,
- Obtaining the customer satisfaction.
- Chasing and implementing ultimate global trends,

Our operations are awarded with TS EN ISO 9001:2000 and TSE Certificates. Our products and raw materials are consistently being taken into quality tests at our laboratory. We also have quality assurance system which has been followed closely by our quality management department.



Gülsan Grup is serving in the fields of machining, sheet metal forming, welding and assembly, especially in the defence industry, medical and energy sectors. We produce mechanical parts for the defence industry basis on a project and manufacture according to the technical drawings prepared by customers.

1. MACHINING

2. SHEET METAL FORMING

- CNC LASER CUTTING
- BENDING
- BENDING AND CUTTING WITH MOLD

3. WELDING

- TIG
- MIG/MAG

4. ASSEMBLY



1996...



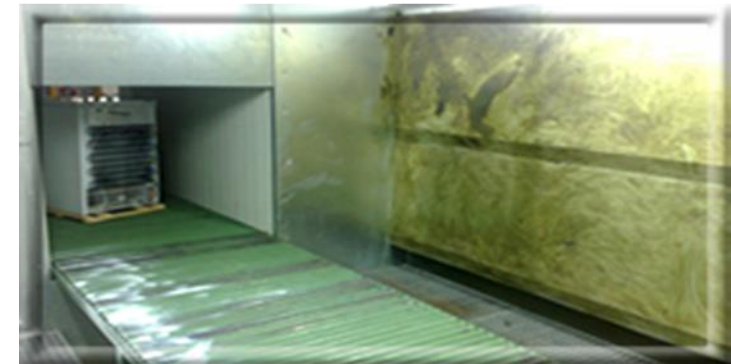
MACHINERY PRODUCTION IND
TRADING LTD. CO.

Gün-Ka Machine started working fully equipped in 1996 on electrostatic painting equipments, manuel and full automatic painting facility production. Gün-Ka brought a new mentality in manufacturing.

**With young, dynamic and qualified employees, prinsiple working mentality and due to experience accumulation from 1996 till our day brings,
modern working mentality in the painting sector,
quality and on time delivering
working mentality based on self-sacrifice, trust, technology
manufacturing products that are endurance and easy to use
is our mission.**

To maintain leading the sector by combining quality and experience,

**Always the first firm to be prefered for our trust and services,
will be our vision.**



Gür Metal is founded in 1990 and has become Turkey's leading Investment Casting company with continuous investments including new state-of-the-art factory buildings, highly sophisticated infrastructure as well as certification, process management and control systems improvements to meet the requirements of high quality demanding industries

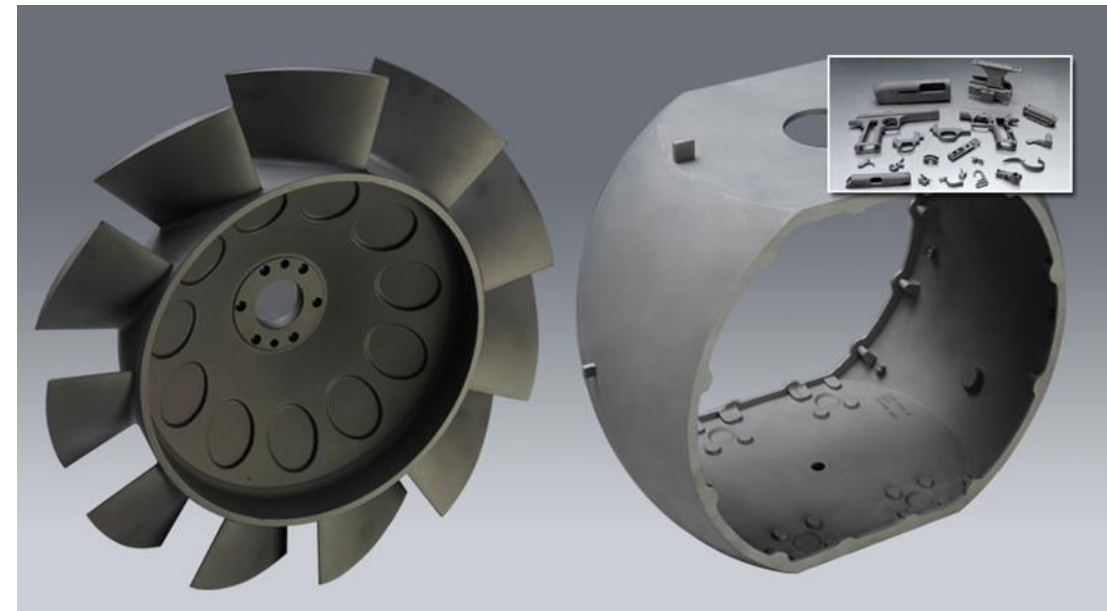
Gür Metal is serving both domestic and international markets with a strong track record in steel, stainless steel and aluminum cast parts for the aerospace, automotive, healthcare, valves and pumps, textile and general machinery industries. Exports to Europe and USA represent 60% of Gür Metal's revenues.

Gür Metal's main export countries in Europe are Germany, France, the Netherlands and Hungary.

After the completion of vacuum casting investment in 2016 in the new plant (9000 m²), Gür Metal has become the first and sole producer of Titanium and Nickel based Super Alloy cast parts in Turkey. This enabled Gür Metal to serve the leading producer companies in Aerospace industries with a wide range of product portfolio.

Gürmetal has ISO 9001:2008 certification since 2000 and AS / EN 9100: 2009 certification since 2010. Gür Metal is proud to be the sole Boeing Approved investment casting company with many Nadcap certifications completed (Heat Treatment, Chemical Processing, X-Ray, Radiography, Welding).

Gür Metal has a wide array of services including the prototype applications, reverse engineering, tool design and production, customer specific production processes etc.. Gür Metal's experienced engineering, production and quality management teams have the capacity to take on the most technically challenging investment casting projects that require the highest level of precision and quality standards.



Guvenli Yasam was founded in 1987 in order to manufacture personal protective equipments and protection instruments of law enforcement agency (police) and armed forces (military) in the scope of public security with plastic injection technology.

It has preserved the quality in its sector every day until today since it was established and has raised its target with the design and production of technical plastics and composite, mechanical, technical textile, electronic and electro-optical products in the defense sector.

Guvenli Yasam will continue to develop original and reliable systems that will meet existing and potential customer needs by following domestic or foreign developments, by strengthening its relations in the sector.

In the forthcoming years it will put its signature under successes in the defense sector with the enthusiasm and synergy of reconstruction. Our objective is; to be beneficial to our country and to contribute more to the national defense industry by increasing our employment capacity, manufacturing capacity and expanding our product variety.





HAS-EL TEKNİK serves in 1200m² closed space as a manufacturing, quality testing, mounting, delivery company with its testing equipments according to the relevant contract and technical drawing. Our firm has started and adjusted its work area to Defence and Automotive Sector and accomplished successful manufacturing for over 2500 different products. Our firm has never gone through a service change and has been continuing its operation with developed quality test methods and equipments.

CNC TORNA



KUTU KIZAKLI CNC TORNA



YATAY BANKOLU CNC TORNA



The logo for HASYILDIZ features the company name in a bold, teal, sans-serif font. The letter 'I' in 'YILDIZ' is stylized with a white star above it and a white lightning bolt striking through it.

MAKİNA & SAVUNMA SANAYİ - LOJİSTİK LTD.ŞTİ

MACHINERY & DEFENSE INDUSTRY - LOGISTICS CO.

Hasyıldız has started in the sector with producing and and maintaining of tracked, tired vehicles, hydrolic and mechanic spare parts in 1995. It served in this area from 1995 to 2002. Since 2002, it continues to produce and maintain heavy and lighth armors for turkish armed forces as a supplier, and it is subcontractor for Turkish Defence Industry's main agency and institutes and also Roketsani Fnss,Mkek with the certification of ISEO 9001.

EXAGON STUDIO provides capacity, capability and connection to its customers doing business in Mobility and Defence Industries, along the Product Development value chain.

Capability;

Hexagon Studio provides Engineering Capability that are not present at the product development teams of automotive and defense industry companies.

Design and Engineering activities in the Product Development process has a very broad spectrum. It is not efficient and cost effective to keep expert teams in all fields under payroll. Hence companies tend to keep expertise on key areas in house and tend to outsource considerably less frequent required activities. At that Point Hexagon Studio aims to be available as a capability provider for its customers lacking expertise in their development teams.

Capacity;

Expansion Tank to local and international manufacturing and engineering companies. For development projects, there are always up's and down's in workload, consequently companies intent to have optimum number of employees under their payroll. This means doing more with the available resources. For those cases HEXAGON STUDIO aims to be an expansion tank for its customers' organizations, where they have capability but not enough resource at different steps of the PD cycle.





HEZARFEN
S AVUNMA • H AVACILIK

Named after a famous Turkish aviator, who is believed to fly across Bosphorus in 17th century, Hezarfen Defense & Aerospace has been established in 2012 as a direct supplier of Turkish Aerospace Industries (TAI).

Hezarfen D&A is located in Ankara, the heart of the defense and aerospace industry of Turkey.



Our team, specializing in fabrication of aerostructures, has the capability to manufacture a wide range of products, from sub-assemblies to components.

Hezarfen D&A delivers 150.000 sub-assemblies/year to TAI for Boeing 737, 747 and 777 airplanes.





HIZAL Ltd. was established in 1974 and since then has produced more than 2500 Machine Tools , Test and Measurement Systems and Special Equipment for Private Firms , Institutions and Universities in Turkey and Abroad..HIZAL Ltd. has extensive knowhow and experience in high voltage test equipment and HV insulation design and materials. In the past 20 years , The firm has been manufacturing



Impulse Generators in the range 200 – 2400 kV, 3-120 kJoule, HV AC test transformers up to 600 kV, Partial Discharge Measuring Equipment for 50-100 kV,50 Hz. & 120 Hz., High Current Sources of 25 kA , 50 Hz., 25 -100 kA Impulse Current Sources All these equipment has been consistently maintained and serviced to a high level of customer satisfaction.



After 1994 are specialization years. Hidrolift got rid of wide product range and concentrated on hydraulic cylinder production. This period is the investment year at the same time. Firm's income has been canalized to investment directly and factory construction on 15000m2 in Ankara 1.Organized Industry Zone was completed.

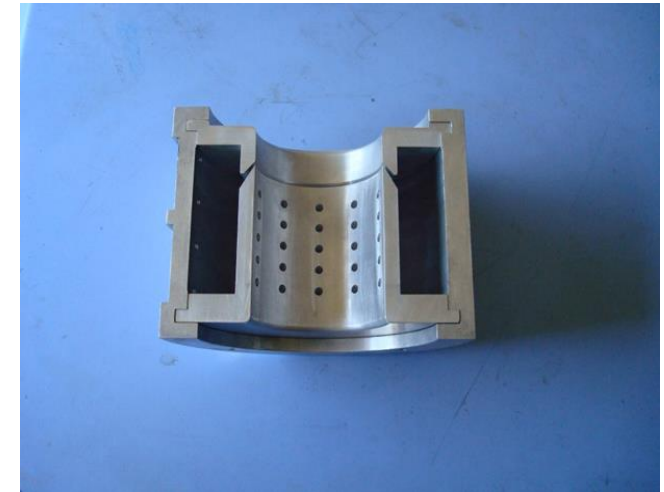
Now Hidrolift is the biggest hydraulic cylinder producer of Turkey and new target is the world markets. A turnkey hydraulic cylinder factory including know-how was purchased from Austria since the level of knowledge and technology in Turkey in that period was not at a level to meet world standards.

The early 2000s has been the years in which Hidrolift broke into European market. Hidrolift accommodated into the market rapidly and started exporting to world's leading brands in almost all European countries and USA.

Today its among leading cylinder producers in Europe with its annual output of 80.000 Hydraulic cylinders and 120 staff and 2 branches.



His Mechanic was established in Demirciler industry center in 2005 in the area which is 200m² to produce special mechanics, and production for defence, automotive and railway industries. We continue production in organised industry area since 2006 in the area which is 1800m². We obtained ISO:9001:2008 certification after moved to new area then speeded up production and widen production range in the field of production for defence industry. Our company is now a subcontractor for TUBİTAK, MKE, ATK(USA), ZDTHIGHTECH(USA) with principle of keeping up pace with the technology and making no concession from quality.





ICTerra is a global software engineering company.
We bring 24 years of extensive know-how and domain-specific expertise in software R&D and product development across multiple industries, building innovative and customer-centric products.

We build strategic partnerships with world's top IT companies to provide value-added IT solutions and deliver high-quality professional services based on unique business needs.

While improving the IT experience of internal stakeholders, we also help companies become more customer-centric by developing solutions which improve end-user satisfaction.

Our focus is to maximize the ROI of our customers' IT investments through cutting-edge, reliable and cost-effective services -- so they can overcome IT challenges faster, focus on business-critical decisions and maintain their competitive edge.

With our experienced team of engineers, experts and consultants, we put unique business needs of our customers at the heart of our services, exceed their expectations and build long-lasting trusted partnerships.





INTECRO robotics, mechatronics and industrial automation technologies finds solutions in the area of all industrial and service industry depending on changing conditions in the world and considering technological requirements. In manufactures of our customers who re delegates of various industrial sectors, their activities and applications based on mechatronics and robotics technologies; less magnificent ternary (manufacturing-maintenance- service) cost, stand by time, losses, and energy cost, more quality, workforce, measurability, traceability, better archiving, continuity, safer, and talent for increasing convenience, competition, motivation and the standards.

The other purpose of our existend is to provide innovation, flexibility, renewability and recycling.



Our company operating since 1975 in the manufacturing chain on industrial cooling systems every year, making innovations and technological developments and the advantage of Turkey's economy as well as positive customer services

Ice Skating Fields in Turkey, which is popular for refrigerated chiller can operate evaporation minus 20oC (mono ethylene glycol and industrial circulation chillers are the complete package type) of productions since 2007, has manufacturing, both domestic and international markets, are particularly preferred. Industrial Water Cooling Chiller productions and classical capacities since 1985, continues. Each year, new models and technological developments and to catch European standards, or even going through. From abroad by the exceptional quality of our products is characterized by süpervizorlar.

Industrial type cold stores, freezer rooms, cold storage rooms, prefabricated panel production quality policy is customer based on package type. Our customers ice cream factories, abattoirs slaughter house and meat, fish, poultry and similar products, milk and dairy products, vegetables and fruits are storage facilities for materials such as housing. Water Cooling Towers and customer-facing innovations in the production of our company every year in this regard is the preferred company in Turkey and overseas markets.

ISISO®
MEKATRONİK MÜHENDİSLİK SAVUNMA SANAYİ VE İKLİMLENDİRME SİSTEMLERİ A.Ş.



İkmal Teknik A.Ş started its commercial life in 1967 as a small shop of 25 square meters in Ankara Posta Caddesi and developed by improving the quality of service and institutional structure continuously for 46 years.

Today, İKMAL operates in 4 different branches with a total area of 7,500 square meters and is serving as a solution partner of the industrialists with nearly 50.000 different products as well as serving the latest consumers as an industrial building market with a wide product range.



IMSAN – INNOVATIVE APPROACH TO PRODUCTION

IMSAN, which integrates its technological infrastructure with its expert staff, meets precision mechanical part demands of the national and international defense industry by manufacturing steel, stainless steel and aluminum spare parts of various machines, devices and equipments.

IMSAN, which accepts quality and customer satisfaction as its principal objectives, is one of the leading companies in its sector

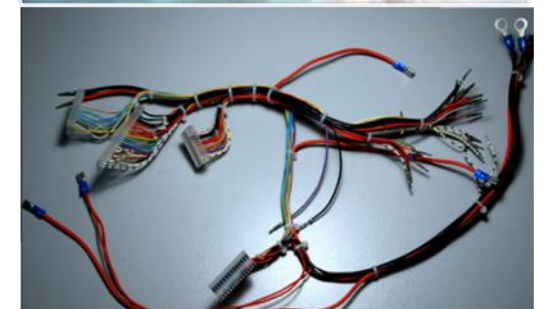


imsan
MAKİNA MÜHENDİSLİK
SAN. ve TİC. LTD. ŞTİ.



Kabsan Elektronik was established in Ankara at 1993. Since 1999, the company continues it's production at the facility which is located in Gersan Sanayi Sitesi. This area is company's own place with 560 m2 closed area.

Kabsan started it's activities with wiring affairs for defence industry, today continues to serve with qualified staffs to the main industrial companies which are operating in the fields of wiring and electro-mechanical assembly at both the defence and electronics industry.



Our company was established in 1980 by Kadir Kapsuzođlu to produce agricultural shafts

Our company, which is a subsidiary of Turkish Tractor Company in 2001, still continues to produce parts for tractor industry.



Our graphic sitelerigenel activity of sheet metal molding, eccentric presses, printing, wire EDM work, surface grinding and machiningis. This general manufacturing and machinery sector with manufacturing issues, defense, construction, furniture industry and servesindustries such as automotive.

KALIPSAN measuring technology can quickly adapt to evolving defense as has a lot of new equipment and machinery.

This day in sincan OSB indoor 3000 our company with 38 staff in total 10000 thousand m2 of the area by developing the understanding of quality in the workplace continues to serve.



Our company fullfils various domestic institutions' works. At the same time it produces goods

indirectly to various countries such as USA, GERMANY, Switzerland, Denmark, the united Arab

Emirates, Dubai. We produce generally spare parts of eart movers, boiler spares and medical

spares. Within this context, some spares which are used for military areas are produced by our

company from time to time.



KARAKOÇ

KARBA Automotive has been established in 1991, in the capital of Turkey, Ankara to manufacture truck mounted equipment regarding the demand of public and private sectors.

Its main manufacturing contains;

Firefighting Vehicles

Sewer Cleaning Vehicles

Garbage Collection and Transportation Vehicles

Hydraulic Lifting Platforms

Rescue Vehicles

Solid Waste Collection Vehicles

Special Purpose Service Vehicles

Manufacturing in truck mounted equipment business, our company exports to 40 countries with its 160 professional personnel.

We are capable to manufacture 1000 equipment annually in our factory having 30.000 sqm manufacturing. Since its establishment KARBA manufactured 9500 equipment.



Karenpro Engineering has developed the capabilities of producing tailor made solutions to specific needs and materializing its own designs since its establishment in 2007, thanks to 25 years of experience in manufacturing most of which was in defense industry.

Today, Karenpro serves to both domestic and overseas customers in the fields of welded fabrication and machining. Karenpro also has its own product line, an outcome of its R&D program based on mechanical engineering expertise.

TÜBİTAK (The Scientific and Technological Research Council of Turkey) and KOSGEB (Republic of Turkey Small and Medium Enterprises Development Organization) has awarded and supported Karenpro's R&D program.

Karenpro Engineering, serves the defense industry by supplying design services to main contractors, as well as fabricating what it has designed.

As a part of long term manufacturing programs, Karenpro serves to domestic and overseas customers with high quality requirements as sub-contractor and seeks to construct long term relations within a mutually beneficial environment.



Kaymazlar Makina is founded in 2007, since it was established has been serving the defense industry. Since the days of the first overtime both parts manufacturing, as well as sub-contractor defense industry continues its service of some projects.

According to customer requirements, quality who knows the structure of a task, as soon as the company is dedicated to continuous improvement model, self-defense industry has been designated as an approved supplier of major companies.

Each year in line with increasing customer demands than the previous year earned a considerable acceleration of growth, the machine capacity increased three times since its establishment, knew how to target to improve specialist personnel staff



Our goal as KMT defence is to realize the manufacture of all metals, alloys, wooden and plastic materials which rerequested by customer and puposed for defence and aeronautic industry according to international criteria,

effective laws, specifications and standards in determinated time, by making no concessions to quality, enviromentally responsible, and by making no concessions to operational health&safety.





KOPRUOREN MACHINERY was founded in 2005 as a state of the art machine tools with high precision machining of all types of metal production has chosen as its goal to achieve.

Our company is based on its current position as a market research investments in the high-tech CNC machine, with R&D and human resources development process based on customer satisfaction with the good and the true form of government has been projecting.



KOPRUOREN MACHINERY ensure the continuity of the work that we do, our products expand market share by increasing the quality and productivity rates, competitiveness in the world market with the aim sought to be a trademark.

Our company have The Strategic Cooperation Agreement, with ASELSAN which is the pioneer and leading provider of Turkish Defense Industry.



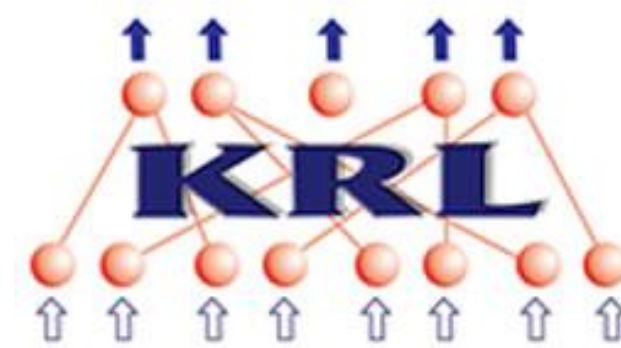
KRL Electronic Ltd. was established in 1986, by starting his manufacturing line with electronic equipment.

Among these there were; industrial type metal detectors, power supplies, data line control panels and controlling equipment.

In 1988 electro-mechanical and metal processing departments developed in the company. Electronic equipment panels, especially 19" computer cabinets and its accessories take big part in the production line.

The production line starts with the sample production and ends up in serial mass production.

Our goal is to reach a certain quality level in the country and abroad by taking its place in this sector by employing the technical personnel and engineers our country brought up.



“KUCUKPAZARLI Aviation”, is an AS/EN 9100 certified precision machining and sheet-metal forming company. It was founded in 2005 as a separate division from the origin “KUCUKPAZARLI Mould & Die” which was born in 1975, to manufacture aerospace, aviation, defense and electronics industries’ products.

The company works in a total of 8.000 meter square working area, which is on a 22.000 meter square land. KUCUKPAZARLI continually invest on high technology equipment and high skilled employees. At the moment the company is able to machine up to 8.000 mm parts, 5-axis simultaneously. The staff profile with, 24 having a university degrees out of total 90 employees, is the biggest source of confidence to new and larger projects.

In 2006, TAI (Turkish Aerospace Industries) and KUCUKPAZARLI agreed on a strategic partnership. Since then, the company secured a 30% raise of production volume, each year. For 14 different programs, KUCUKPAZARLI Aviation produces more than 800 different parts. For many parts, KUCUKPAZARLI is the single producer and it delivers approximately 250.000 parts per year, on time and with a very high quality rate.

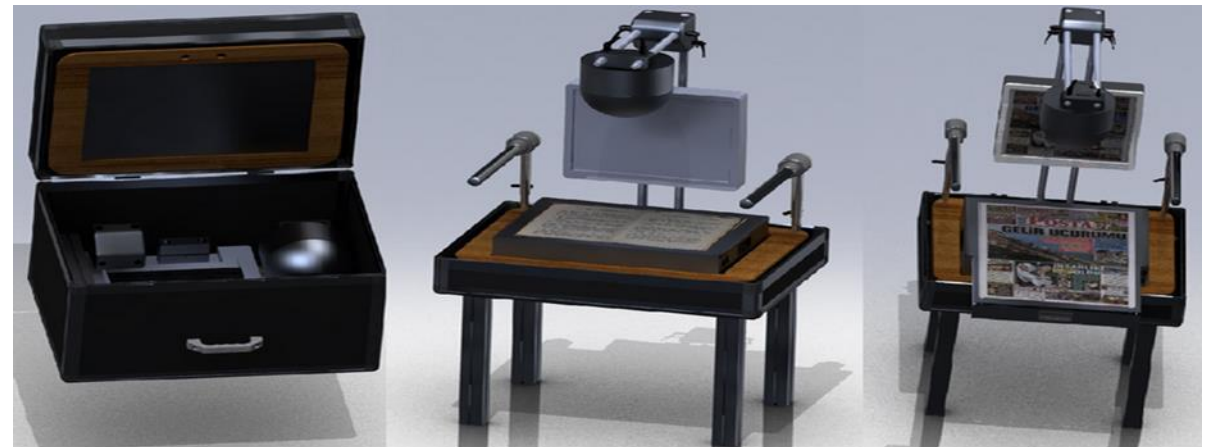
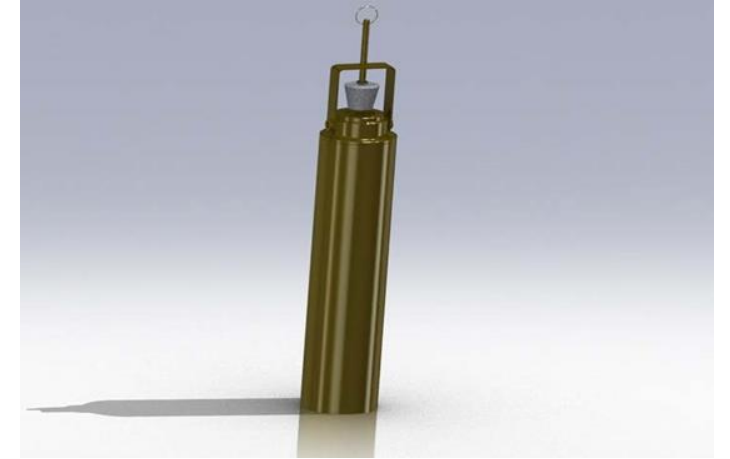


Labtest was established by experienced specialists who worked in the area of metallurgy for years and

it produces water/gas meters, setting and testing equipments.

LAB-TEST is producing testing equipments in accordance with world quality standarts and with less

cost which was imported from abroad especially from europe.



Mak Savunma started its business activities in 2001 in defense industry with the title of MAK Ticaret and today continues its activities as Mak Savunma.

It carries its path by incorporating being Supplier of USA Ministry of Defense and LEMO Turkey- Middle East distributorship. Started to take part in NATO, Namsa Kaynak archive.

Our target as MAK SAVUNMA is to follow technology as being leader of innovations in defense industry, To meet the customer needs and expectations on time and carry out in comply with standards and directives in full and satisfy our customers. Achieving great investments in the period of institutionalization and so provide continuous progress with the conditions of quality management.

Adopting being a company that is preferred by customers and creating value for its customers, our main aim is to reach international success by maintaining being the best in Turkey with our products and services.

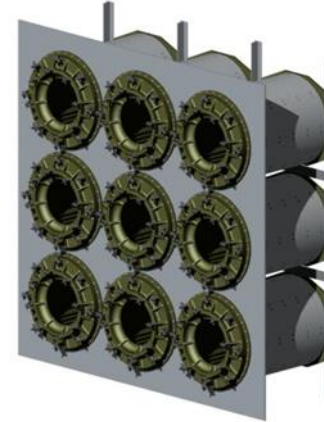
MS
MAK SAVUNMA





MAKEL

Makel has been founded in 1997 as a manufacturing company. During initial years the main activities were trading of represented goods and selling sub-contractor manufactured parts. With the addition of the production facilities these activities were gradually internalized and by 2005 all trading and representation activities were terminated.



Today Makel is proud to manufacture world class Collective Chemical-Biological-Radiological-Nuclear (CBRN) Protection Systems, Auxiliary Power Units (APU), Environmental Control Units (ECU) and their strategic sub components such as the alternators and CBRN Filters. Makel operates from three Turkish facilities located in Ankara and Istanbul.



MATEŞ ELEKTRONİK Areas of Specialization:

- 1- Production of Electrical Measurement Equipments
- 2- Production of Test Benches for Electrical Measurement Equipments
- 3- Production of Test Benches for Energy Meters
- 4- Industrial Automation Systems (PLC based)
- 5- Design and production of Test Benches about Electricity, Cables, Household Appliances, Furniture, Work Safety, Construction, Plumbing, Ceramic, Glass, Machinery, Medical, Textile, Locks, Hoses.





The factory is located in Ostim OSB which is an important industrial region of Ankara the capital city of Turkey and there is a closed area of 1750 m2 in the factory building.



Medmakina manufactures precision parts with multi axis machining, 3D CMM and profile projector quality control, subject to geometrical closed tolerances greater than $\pm 0.0025\text{mm}$.



medmakina

DEFENSE · AVIATION
PRECISION MACHINING & ASSEMBLY



Medmakina, established in 2002, is a company that specialized on machining collaborated with the leaders of the sector in many pioner programs with its quality system which is in accordance with the requirements of the global aerospace and defense industry, with its extensive experienced staff who direct technology, and new generation cnc machining centres.

Medmakina is experienced in precise and complex parts machining and their assemblies. Machining capabilities consist of CNC machines 3 up to 5 axes milling and turning applications. We produce the precise mechanical parts and sub-assemblies for the main projects of defense and aviation industries.



CAD / CAM software works to meet customer expectations in terms of design, production and engineering applications.



MEDSAV was founded in December 2007. Since then we have become one of the main manufacturers for companies that develop land and air combat system solutions in Turkey.



MEDSAV committed to providing quality products to our customers and developing strong, professional relationships with our clients.



We take pride in our reliability, timeliness, fair and ethical transactions and the complete satisfaction of our clients.

All of this combined with our strong work ethic and professional attitude has allowed us to become one of the top suppliers in the industry



Mefasan is a private company providing excellent quality mechanical machined and welded parts, components, assies, sub-assies, and services manufactured under high quality engineering and manufacturing environment for defense and aerospace companies.

Mefasan, with her competitive operations, strong manufacturing and quality background, and dedication to meet and exceed customer expectations, cooperates with decent members of the sector in many strategic project and programs.

Mefasan operates in her own main facility with 2500 square meter production area under one roof in the Ankara Başkent Industrial zone (Başkent OSB) and, realizes her investments to the purpose within the frame of her dedication to continuous improvement,

MEFASAN



MEGA TEKNİK, was established in 1992 in Ostim with an area of 2000 m2 facility and mainly produces machining parts for Defense and Aviation industries, including Automotive and Electricity.



MEGA TECHNICAL, aims to become one of the leading companies of national defense industry taking into consideration without compromising on quality and customer satisfaction.

MEGA TEKNİK, is a member of Defense and Aerospace Industry Manufacturers Association "SASAD", NATO logistics support agency "NAMSA" and Ostim Defense Cluster "OSSA" at the same time, features "NATIONAL SECRET" and "NATO SECRET" Facility Security Clearances.

MEGA TEKNİK, accomplishes the mission of contributing to the national defense sector with the power of perseverance and faith of its experienced, qualified and dynamic staff, and improves its vision continuously by self-confidence.



MEGE TEKNİK is a private company with an absolute dedication to Defense Industry with its qualified engineers and technicians having long years of experience in this sector.

Our company offers cable harness and wire harness design, prototyping and manufacturing services. We produce and test all cable assemblies and wire harnesses according to military specifications and special customer requirements.

MEGE has proven ability to meet customer needs; improve existing products; and very often produce products for less costs through superior, more efficient designs and manufacturing techniques. MEGE is the right size for customer service - large enough to have the trained engineers, professional support staff and advanced equipment necessary to meet all customers requirements, and yet is small enough to provide direct, personal attention to every customer.

MEGE has appreciable experience in the fields of electromechanical assembly and workmanship for upgrading and modification of aircrafts, helicopters and ground vehicles and installation and integration of new airborne systems and instruments. The quality policy of MEGE consists of satisfying customers' requests and expectations in accordance with military and customer standards, on time.

AS EN 9100 APPROVED QUALITY MANAGEMENT SYSTEM

A strong and effective Quality Assurance Program, that is fully compliant with AS EN 9100, ISO-9001:2008 and associated military requirements, forms the cornerstone of our operation and is a major contributing factor to our continuing controlled growth and success.



Military Applications



Civil Applications



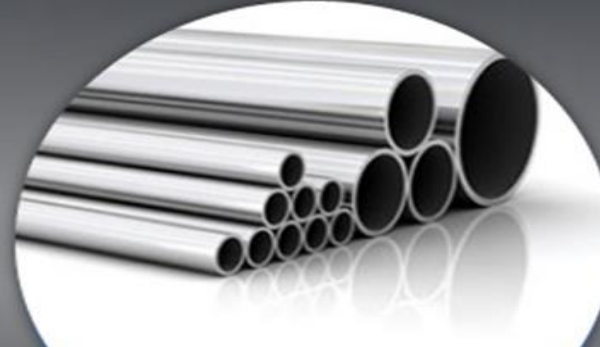
Our company was founded in November 2004 and became functional in April 2005. The company conduct operations at İvedik Organized Industrial Area/Ankara in facility which has 500 m2 area.



Çinko Kaplama



Akımsız Nikel Kaplama



Paslanmaz Çeliklerin Pasivasyonu



Titanyum Pasivasyonu



Altın Kaplama



Gümüş Kaplama



Bakır Kaplama



Kalay Kaplama

Established in 2007, our firm aims to develop and produce treatment chemicals that are used in defence industry in accordance with the military standards. Successful research and development activities and establishment of chemistry laboratory have enhanced the image of our firm.

Moreover, we have received TURKISH STANDARDS INSTITUTION Subcontractor Laboratory Approval in 2011. Recently, our firm has been entitled by TURKISH ACCREDITATION AGENCY to obtain the accreditation certificate EN ISO/ IEC 17025-2010. Our expertise is mainly about dye, organic coating, corrosion and mechanical resistance tests. Every year, we intend to extend the scope of test that we carry out.

We also provide “measurability” and “certification” which is needed in Turkey. Our aims are to work scientifically and ethically, maintain customer satisfaction, provide effective and technological solutions for the sector, follow innovations continuously.



Established in 1993, our company has been making new investments every day by keeping the quality front plate, increasing its capacity continuously by increasing its capacity throughout the country, has established a quality control laboratory which serves as multipurpose and has got ISO 9001 Quality System Certificate in 2004.

Today, our company, which is providing heat treatment service to the leading companies of our country such as E-BERK, Hidromek, Turk Tractor Factory, Roketsan, FNNS, MKE, continues to invest every day with the philosophy of renewing its technology and keeping pace with developing technology. Our 2013 year targets include the introduction of a Vacuum Heat Treatment Oven.





**Metu Design started production in the sector of metal in 04.01.2011.
It serves from 1995 to today with the staff that have worked in the area of production, designing, joining and experienced in their areas for gaining a new face to metal sector with the way of selfless, customer oriented and delivering on time.**

It serves designing, prototyping and mass-production of Electronic devices' mechanic parts to customers. Our production capabilities re all the kind of sheet metal(steelness, dkp,ccrs, aluminum, phosphor, bronze, spring stell etc.) it contains all cutting, twisting, passivation, montaging steps of plates.



We manufacture all kind of tooling in different sectors. Our main goal is to create turnkey projects, our main steps design, manufacture and set up of tooling of our customer in their working area.

We are manufacturing big sizes of tooling with the high precisions. For working on big sizes manufacturing, we are strong at big sized machining, welding and measuring systems. MFK

Makina is an ISO 9001 certified company and also ready to certify AS 9100 quality system in the near future.

To provide continuity of quality and zero defect we are tracing the projects with every single part by ERP system in every departments.



Mikron Makina was founded in 1980 in Ankara and was reorganised in 1994 as “Mikron Makina Industry and Trade Ltd.”. As a member of ASO Mikron firm is manufacturing spare parts of some agricultural equipment, medical devices, defence industry’s spare parts and some special cutting tools.

Mikron is one of the main suppliers of the Turk Tractor Company (FIAT) and Erkunt Tractor with its 5000 square meters roofed area and 8000 square meters open area with the 50 employees. In addition to this Mikron has enlarged its covered area by constructing R&D office within the Middle East Technical University (METU) Innovation Center.

Mikron has taken part in some main project of aerospace also such as F-16 and CN-235 planes of TAI in defence industry. In addition we are producing special CNC tools “Turning and Milling Cutting Tools”.

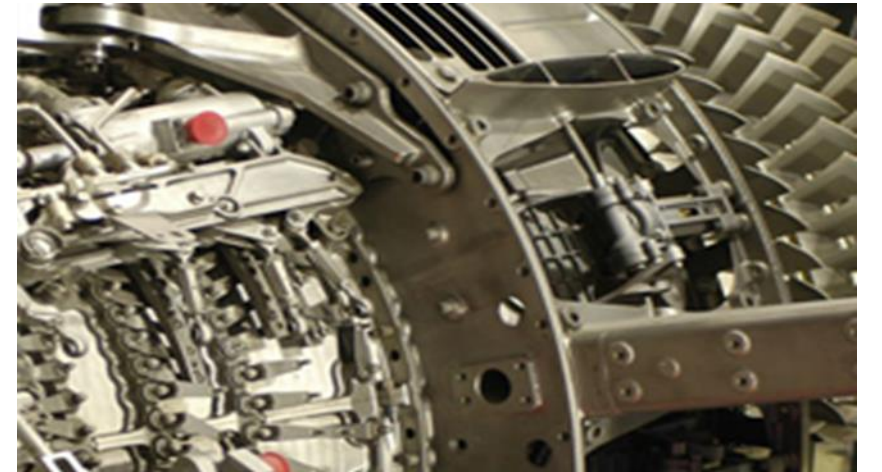
In our products we supply high quality with competitive-appropriate prices. Mikron’s mission is to continually improve its manufacturing technology , machineries to meet whatever requirements the customers have now and in the future.



Mikron Mühendislik is established in year 1985 in Ostim Organized Industry Area. In August 2009, it moved to the current location, İvedik Ağaç İşleri Sanayi Sitesi 1376. Sokak No:28 having 1400 m2 working area because of increasing customers and customers demands. It is mainly focused on chemical processing and works as an approved source of main aerospace and defence industry companies.



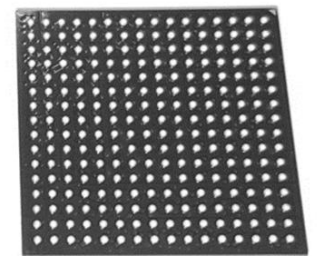
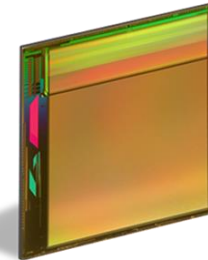
It has not only Nadcap Accreditation in Merit Program but also other main contractor and OEM approvals. Surface treatment by electrolytic and electroless plating, chemical conversion coatings, anodizing, and painting for ferrous and non-ferrous materials, fluorescent testing for aerospace and defence companies are the Mikron Muhendislik's service areas.





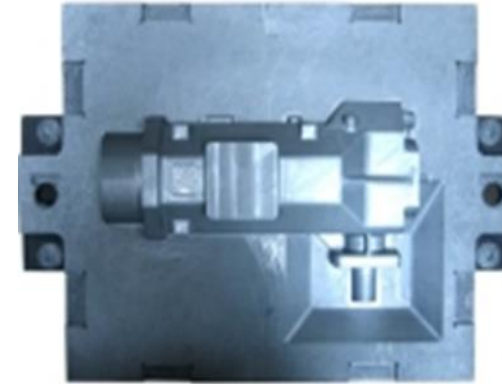
Mikro-Tasarım was founded as an IC design company in November 2008 within the METU Technopolis, a university incubation center for high-tech startups. Mikro-Tasarım provides design services for custom mixed-signal integrated circuits and performs research and development for its upcoming products. Further to design of Readout Integrated Circuits (ROICs), Mikro-Tasarım also develops imaging sensors in various spectral bands for scientific and industrial applications.

At Mikro-Tasarım we are developing advanced, high-performance imaging sensors and Readout Integrated Circuits (ROIC) for monolithic and hybrid imaging sensors, for scientific, industrial and commercial imaging applications. Being located within one of the major universities in the region is also an asset to us, which provides us strong academic collaborations and access to advanced research facilities.



Modelsan Model Makina's philosophy of serving the machine and casting sector since its foundation is to "combine customer satisfaction with quality products.

While manufacturing and selling the best quality products in its field, we are working to become a respectable and trustworthy company that offers a service beyond expectations to our customers.





Nero industry Ltd. has provided many projects and system solutions with Turkish design and solutions, Turkish Defense Industry and Private Sector since it was founded.

Nero Industry is a 100% local SME company that has been working with project based and serial manufacturing method for the needs in the military and commercial sector since 2008

Thanks to its domestic production capability, it provides complete system solutions for on-board applications with rapid procurement and prototype production.





Established in 1992, knowing the problems and needs of the hardware sector, NIL combines the importance given to quality with the desire to make the best and has made a significant part of its investment to keep the processes under control and therefore to make the least mistakes in the final product.

A 24-hour work schedule has been set up to ensure timely and regular deliveries. Our annual capacity is 6,000 freeze based on breeding. The NIL Quality system has begun with its establishment. Heat treatment is documented at all stages and backward traceability is ensured. QS9000 in 2003 and ISO / TS 16949 Quality System Certificate in 2006



ODAK Kompozit Teknolojileri A.S. was founded in 2011 as a subsidiary of ÖSAK A.S., aiming for the design, analysis and manufacturing of fiber reinforced polymer composite parts and systems for aerospace and defense industries.



We aim to provide our customers with the most suitable solutions, highest quality products, good prices and perfect timing. We carry the TS EN ISO 9001:2008 certificate since 2012 and also successfully obtained the aerospace related AS EN 9100 certificate in 2017.

ODAK Kompozit Teknolojileri A.S. is specialized in composite structures made from carbon fiber and epoxy resins. We can manufacture composite plates, tubes, sandwich structures (nomex, aluminum honeycomb or pvc, pmi foam core) in different thicknesses and properties that have special geometries or different forms using lightweight and durable composite parts in different processes.



We also provide composite parts and systems designed in accordance with the technical requirements, design revisions for composite manufacturing, structural analysis and optimizations of composite parts and systems.

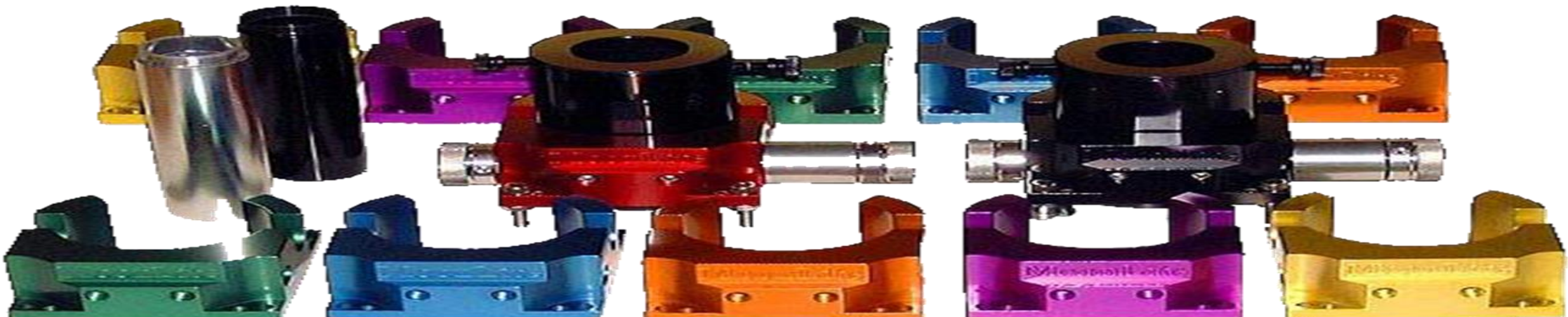


OUR VISION: OKAS INDUSTRIAL SURFACE TREATMENT's
vision is; to be a model and leader foundation that focuses on the constant development in the sector of metal surface treatment and defense and aviation industry with the personnel that adopts quality products, in time-delivery, customer satisfaction as a principle.



OUR MISSION: In accordance with our vision, to be respectful with every kind of trading, moral, juridical principles and to obey the rules; to be a dynamic organization that develops its relations constantly with customers, employees and every sector it is in league with.

OUR QUALITY POLICY AS OKAS: To work focused on customer satisfaction with the years-experience in paint and covering industry and constant staff training, to keep the given promise to customer in product delivery in all circumstances and to build OKAS trust and OKAS brand in our customers, to build friendly service according to ISO 9001:2008 standard and to develop our system constantly are OKAS employees' especially senior management's duty



OPTİK LATHE, has been giving service in the defence, medical, automotive and electronics sectors since 1959. It has taken its place in the defence industry that shows increase especially in the recent years with more than 50 years-experience and knowledge.

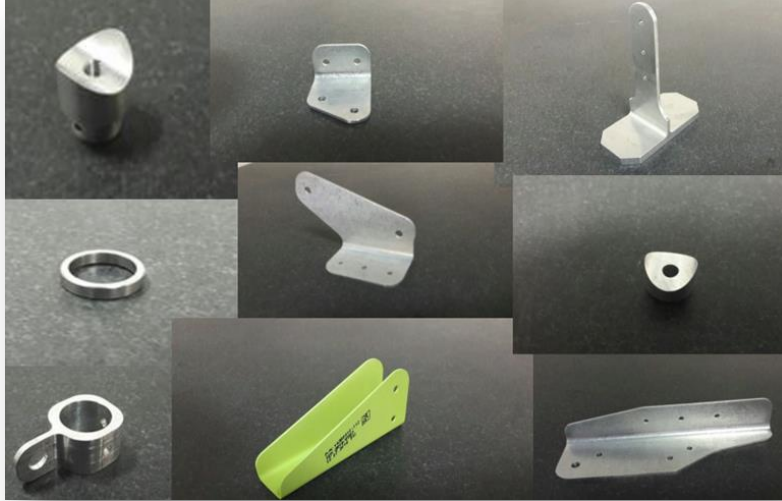
It gives service to those companies that are the leaders of the sector like ASELSAN, TUSAŞ, ROKETSAN, MIKES as their sub-contractor. The company focusing its R&D activities on the products that are not produced in Turkey or the products on which the quality has not been met, has taken its role in nationalization of many products.

The company, that has the ISO9001:2008 quality management certificate, works focused on the customer satisfaction.



Orion Aviation Metal Machine Industry and Trade Company Limited established by Ömer KUMTEPE at 2015 for the production of aviation, defense industry and ground support equipment.

Orion have 3 high speed (20000-40000 rpm) CNC extrusion machining center, which is specialized for aviation and defense detail parts production and Mazak MS10 CNC lathes. We are keeping under quality all our product by Dea Advantage (1500*900*800) three dimensional quality control system.



We are working as a standard to AS9100 since 2015. Orion Approved by TAI (TURKISH AEROSPACE INDUSTRY) Supplier Quality System Approval Certificate at August 2016. Orion got to AS9100C Aerospace Quality Management System certificate at October 2016. Our focus is customer satisfaction on time delivery and to production without sacrificing quality with our experienced persons.





Established in 1988, ORPAŞ A.Ş. offers premium service to its valuable customers with its high-tech machines and smart production performances. Our plant uses the cutting-edge production machines.

We provide fast, uninterrupted and reliable services to our customers with 2 2007 laser cutting machines. With the new machines, incorporating state of art computer and laser technology, we meet subcontracted parts and good needs of various sectors.

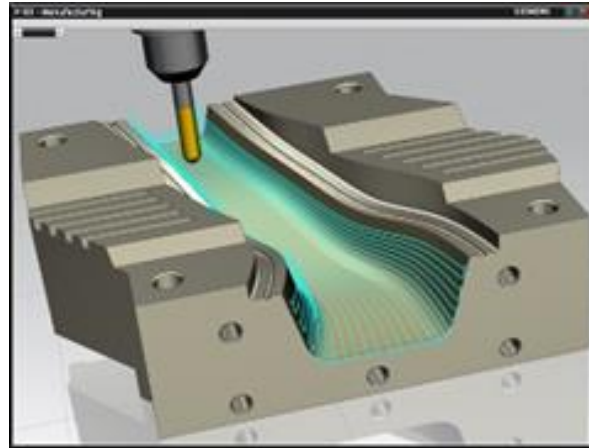
Located on an open area of 6,000m² and closed area of 2,250m² , our factory is one of the well-known and reputable firms with its experienced and highly competent staff. We are a professional firm abiding by the principles of customer satisfaction and quality production, and our quality production is documented by ISO 9001:2008 quality certificate



Özben Metal San. Ve Tic. Ltd. Şti. got started in 28.11.1994 in Ostim OSB.

Our company has given service in defence and medical industry with electro-mechanical part design and production from the year it started.

Our company that follows the production technology closely, is getting bigger constantly with its expert personnel and high-tech machinery.



Our Company was incorporated by Mustafa Korkmaz in 1982 to manufacture industrial parts. Most of the products of Özdekan Kauçuk Sanayi, targeting each sector where rubber is used, consist of mostly Elastomeric Supports, Expansion Joints, Seismic Isolation products. These are followed by standardized products such as Defense Industry spare parts, play groups for children, conveyor roll rubbers, automotive, glass processing machineries and construction machinery spare parts. Other productions are carried out in accordance with the special projects upon the requests of the customers.

Özdekan, giving importance to innovation, continuously develops new products. Özdekan Kauçuk Sanayi has recently succeeded in stopping slow and fast speed bullets and encapsulation by means of domestic bullet stopper ballistic blocks, manufactured by the Company as a result of R&D Studies related to Bullet Damping Bullets. Hence, the Company has become the new address of the rifle ranges. Besides, Özdekan Kauçuk Sanayi, maintaining its R&D studies together with METU related to earthquake vibration wedges, is in a fast progress to be one of the few worldwide companies on this matter.

Divisions of the Company may be listed as follows: Molding workshop, paste preparation division, metal preparation division, press print division, quality control and test laboratory, packaging and boxing divisions. Control systems are separately active in each division. 80% of the productions are for domestic purposes and the remaining for foreign countries such as Saudi Arabia, Syria, Iran, Bulgaria, Germany, Kazakhstan and Turkmenistan, mostly the Arabian countries.



Oznur Defense/Aerospace was established in 1975 to serve in machining and milling industry. Today, Oznur carries on its manufacturing operations for Defense industry in its 2000 m2 facilities.

Oznur Defense uses modern, cutting edge processing and control technology to cater its clients' production needs. The company reached a capacity to manufacture 50,000 products in 5,000 different categories annually.

Having been keeping up with advanced technology, Oznur Defense/Aerospace was able to broaden its client base and product portfolio.

Commensurate with its "making customer satisfaction number one priority" policy, we applied for and were awarded ISO 9001-2008, NATO Facilities Security, and National Facilities Security certificates.

We will continue serving notional and international defense industries without compromising quality and our core principles that culminate in customer satisfaction.





PI MAKINA
www.pimakina.com.tr

Pi Makina founded in 1974 as the manufacturing division of its constituent company ERG Construction Trade and Industry Co. Inc. dedicated to manufacturing equipment that helps build the world's infrastructure. Our management policy is to use advanced technology with continuous improvement approach to ensure customer satisfaction through timely and high quality production.

Pi Makina has been proudly and manufacturing a broad range of products and providing high quality services in construction machinery over 40 years. We have accomplished a remarkable achievement in offering better solutions for customers' business needs.

In our 500.000 sqm manufacturing plant, located in Ankara, Pi Makina employes around 1000 personnel. Our facility is a pioneer in the area by offering multiple, modern and innovative solutions under same roof. The prominent units are Project and R&D departments, CNC Machinery Center, Heat Treatment Center, Test Centers, Sand Blasting, Paint Drying Unit, Total Quality Control Unit. After sale service offers 7 days and 24 hours service and spare parts in Turkey as well as various countries around the World.

Whenever you use Pi Makina construction equipment, you get efficient, powerful and reliable machines that help you accomplish any task within budget and on time. From concrete plants to concrete pumps, tower cranes to crushing plants, backhoe loaders to excavators..

“Pi Makina has the products that Works for you...”



PSH is a newborn company dedicated to manufacturing of mechanical components for the Defense and Aerospace Industry.

PSH has been in production since November 2012. Our experienced team has more than 30 years of machining.

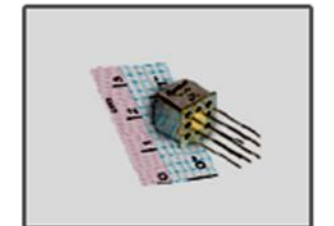
PSH has a well established production, cost and quality system. Our experienced team, brand new capabilities, growth potential are key strengths of us. PSH can offer its competitive solutions to its valued customers.





SADTEK Electronic was founded in 2003. At first it started with E-technique and was developed in 2009 in Defence Industry both in govermental and private sector's demands on producing solution for electrical and electronical goods,spare parts,device sales and giving technical service as well as R&D(Research and Development) and engineering service. Our primary target is to get involved in many innovative projects.

Our company's costomer satisfaction based approach and integration between producing succesfully and new technology carry it out as a pioneering company both in home and international market



SAĞLAM METAL's operations involve two groups of materials:

1) Special Steels

This group of steels, which includes tool steels and stainless steels, is obtained from leading manufacturers such as Dörrenberg.

2) Copper Alloys

These alloys are also known as 'Hard Copper Alloys'. Their high mechanical and physical properties are their main characteristics.

Alloys such as our Cupromax, Cupro CNB and Cupro B2 have superior characteristics that make them very suitable for use in electrodes for welding machines, for machinery and tool manufacturers.

SAĞLAM METAL's staff consist of 130 people, with 19 Metallurgical Engineers and 3 Mechanical Engineers. Our 9 Sales Engineers continuously visit our customers. At our plant in Gebze we also employ one Occupational Health and Safety expert, a physician and an environmental consultant. We serve our industrial partners from seven locations.





**Our company was founded in 1980 under the name Respect
Machines Has begun to operate.**

This growing activity is 1000 m2 closed since 2000

**There are nearly 30 machine parks in the area, all of them with
skilled employees and domestic and domestic
To serve a large customer base.**

**Our company's activities include machining, plastic injection,
automotive, health and spare parts Production**







Serdar Plastik A.Ş. is a family company which was founded in 1973, who is currently manufacturing components for 12 different industries, together with defence industry.

The production abilities of our company; parts and moulds design, mould production, injection molding(between 50-2000 tons, max 8,500 gr., including 2K), assembling (PVD Metallization, PC Hard Coating, Hot Stamping, tampon printing(including multicolour and 360 degrees), silk printing, Hot Plate, ultrasonic welding, etc.). Our company has ISO/TS 16949, ISO 9001, ISO 14001 and OHSAS 18001 quality certificates.



Founded in İmes Sanayi Sitesi/İSTANBUL in 2004,Seykoc Alüminum has become one of the leading companies in aluminum sector within a short time.

Seykoc Aluminum who put into operation factory and headquarters building by the end of 2013 in 6.500 m2 area in Çayırova/KOCAELİ under the name Aluminum Service Center has 5 sales center which are located in European side of Istanbul and Ankara,Izmir,Bursa,Adana

Seykoc has consistently developed service quality,stock levels,product range and facilities with expert engineers since date of established.

By keeping large quantities stock,supplying within a short time to 2000,5000,6000,7000 series alloyed aluminum which is especially desired high tensile strenght and machinability,Seykoc has provided speed,confidence and stability to Turkish Aluminum industry.

**It is able to supply aluminum plate with 1 mm precision cutting within two fully automated cutting machine.
The main sectors that we serve; Defense Industry, Automotive and industrial, Mold and Machine Industry, ship and yacht industry,tanker and Silobus Industry**





Since its establishment in 1992, SFT Company has become one of the leading custom manufacturers of prototype and precision machine parts.

We provide first-class customer service and have gained a reputation in manufacturing excellence.

At SFT, we understand the importance of on-time delivery. Helping customers in getting to market first by ensuring on time delivery of complex parts and assemblies is one of our major strengths.

Our highly skilled engineers and technicians are experts in transforming a wide range of materials into precision parts. Certified by ISO 9001: 2000, our quality system makes it available the least part rejection rates in defense and aeronautical manufacturing.



Our company which produces according to ISO 9001: 2008 quality management system provides turnkey services covering all processes from design to production to defense and aviation sectors with its expert staff and state-of-the-art machine infrastructure





SKYMARK Aero-Technologies Inc. is an engineering company established in 2016 to develop dedicated technologies and provide services for the sector with 20 years of experience in aerospace and defense industry. SKYMARK has combined its experienced team with young talents on the road to its strategic goals.

SKYMARK has already fulfilled the requirements of business driving certifications in a short period of time and has demonstrated that it will be one of the brightest companies in the future with its superior performance in its services.

SKYMARK, is able to produce complex shaped parts up to 3.5 meters in 5-axis, with high performance and quality. In addition, it increases the added value of its business by providing engineering services to its customers.

The company is certified to AS9100 Quality Management System and it is an approved supplier of TAI. SKYMARK is also working with main contractors on several defense industry projects mostly in engineering and manufacturing fields.

Programs supported with aero-structural parts are; Boeing, Airbus, JSF, ANKA (Turkish UAV), HURKUS (Turkish Trainee) and ATAK (Turkish Attack H/C).

The strength is the ability to grow fast and flawless with its innovative employee profile and the effective quality management system. It is crucial that the management system has to prove itself in terms of sustainability, repeatability and traceability to stay at the international level. SKYMARK is a well prepared export company with all its services.

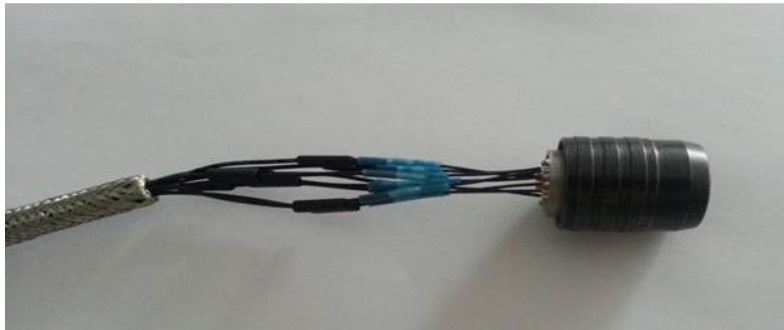
SKYMARK is aiming to become one of the leading technology companies in Turkey. The company has a robust capital structure and is investing in the rapid growth model.



Defense Industry and Private Sector in order to produce the necessary cable equipment in 2012 Gersan San. Sit. It was founded in ANKARA.



Our company, which has ISO 9001: 2008 Quality Management System and OHSAS 18001: 2007 Occupational Health and Safety Management System Certificate, manufactures its products according to "IPC / EIA J-STD-001C Requirements for Soldered Electrical and Electronic Assemblies" and IPC / WHHA-A-620 Requirements and Acceptance For Cable and Wire Harness Assemblies "standards



The development Enterprise Company that can be described as the first step to the Turkey 2023 vision, founded with the association of THY A.O., THY Technical A.Ş. and Turkish Aviation and Aerospace Industry A.Ş. (TUSAŞ-TAI).



TCI will practice producing plane cabin interior products and components, logistic support, modification, and marketing. Partners, that unite their technical and marketing experiences, to take their place in premiere league in producing cabin interior products, met for the purpose of producing high quality plane cabin interior products under 100% Turkish brand. With this settlement, it is believed that Turkey will have the identity that must be taken seriously as a producer besides being an important maintenance, repair base in the market.



In all the feasibility study of TCI; a business model was developed based on markets in Europe, Russia and the Commonwealth of Independent States (CIS), Middle East, Asia and North Africa. A serious study has been made on the possible scenarios with highly experienced project team and following a year-long high-pace period, the signatures have been put under another structuring which is already late and has also been once a dream for Turkey.



TeCam MAKİNA OTO.TEKS.
ÇAD.İNŞ.EN.DIŞ TİC. LTD. ŞTİ

Since 1990 TECIMER is one of the leading organizations in providing superior supply, procurement services, emergency and manufacturing.

TECIMER is in the DUN System with registration number is 5353 41069 and is evaluated each year.

Supply

TECIMER supplies services and items to meet the requirements of U.N. Agencies, the ICRC, the IFRC, national Red Crescent/Red Cross Societies, and other Non Governmental Humanitarian Organizations. The supplier numbers to the U.N. Agencies:

UNPD NY: 11195

UNCSD OSLO: 35753

UNGM Vendor No: 141275



TEDSAN, is an expert organization in gear production with its quality-proven products, reliable labour and 27-year experience.

In national and international areas, it exhibits a rapid and analytical approach to meet our customers' needs. Our basic approach is to keep our customers' satisfaction and make the TEDSAN name permanent in the sector.

With our ISO 9001-2000 and TÜV certifications in our production; to comply with the standards in national and international areas is an important element of our quality. It is essential for our management to maintain improvement activities on our products in order to reach for zero-mistake production and optimum costs at the same time and personnel training in order to improve product quality.



FNSS | Savunma Sistemleri A.Ş.



roketsan



aselsan



Otokar



TEI



TAI



METEKSAN
SAVUNMA

Teknik Grup Makine was founded in 2004 in Ostim to provide service to the machining and plastics industry.

Our company has adopted itself as its field of activity in the fields of Machining and Molding and serves both in high quality in both sectors.



Çift Cidarlı Paslanmaz Çelik Doğalgaz Bacası
- Malatya 600 Yataklı Devlet Hastanesi - Malatya

Dikey baca mesafesi binanın en üst noktasını geçmesi gerektiğinden inşai olarak uygun olmayan yerlerde baca kulesi konstrüksiyonu yapılarak baca sistemi tamamlanmaktadır.



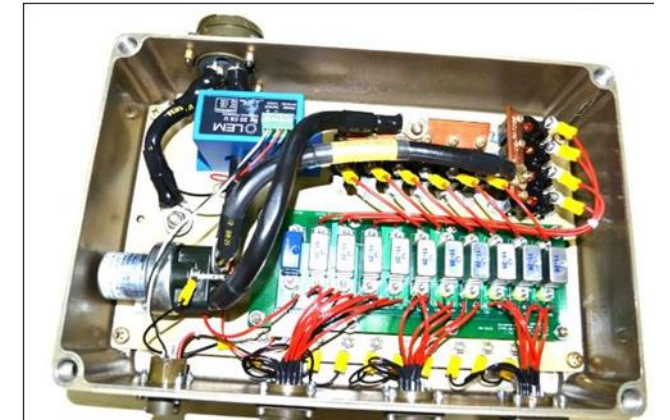
Teknokrat was established in 2004 in Ankara/Turkey to serve the needs of military and defense industry. Teknokrat has a wealth of experience serving the Defence Sector with a long history supplying a range of military specification wiring harnesses and other electrical assemblies.

Since its establishment, Teknokrat has always focused on customers and productivity. Thus, the company extends its customers portfolio and works in order to deliver the best products, the best service and the best value to its business partners in defense industry.

Teknokrat continuously develops its technical infrastructure with the aim of providing high quality products and organizes trainings for its personnel. Teknokrat organizes certificated training programs for its personnel by the certificated trainers. Teknokrat is a company applies principles of Total Quality Management and provides customer focused services.

Teknokrat is the certificated supplier for many giant companies in defense industry such as Aselsan, FNSS, Roketsan, Selex as well as cooperating with firms like Otokar, Nurol, Fotoniks, Forum Engineering, Milsoft.

Teknokrat has ISO 9001 Quality Management System, OHSAS 18001 Occupational Health and Safety Management System, ISO 14001 Environment Management System and AS9100 Quality Management System Certificates.



Teknopar was founded in 1996 in Ankara to design and implement automation systems for developing industries and industrial facilities. In addition to industrial facilities, Teknopar designs and implements systems for a wide range of sectors including defense, construction, energy, inter machinery communication, mobile applications, customized production and automation, and information technology.

Teknopar is growing rapidly and steadily in its area of work and possesses the necessary machinery, equipment, production area, experienced engineers and specialized technicians. The company has the necessary infrastructure in terms of investment, design, engineering and quality and has been granted ISO 9001: 2008, CE and utility model certificates.

The main objective of the company is to perform its activities continually prioritizing customer satisfaction and keeping pace with the technical developments across the globe. Teknopar has earned the trust of its customers with the quality of work and timely delivery in all the projects that have been completed to date.





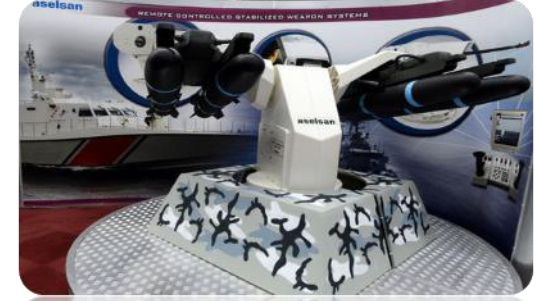
TEKSAN TORNA
PRES VE KAYNAK MAK. SAN. TİC. LTD. ŞTİ.

Teksan Torna Pres Ltd.Şti. In 1967, Mr. Halil ERZURUM. was founded by Until 1969, he served in various sectors. Since 1969 he began working with the Turkish Tractor Factory.

Sheet Metal Press, makes the complicated machining and welded parts manufacturing. In 2012, our company has adopted the principle of quality at every stage of production ISO 9001: 2008 Quality Certificate was received. With our products, we have established a quality management system is kept under constant control from manufacturing to shipping.

AutoCAD, Catia, Solidworks using drawing programs such as 2D and 3D images can be drawn and can be modeled.

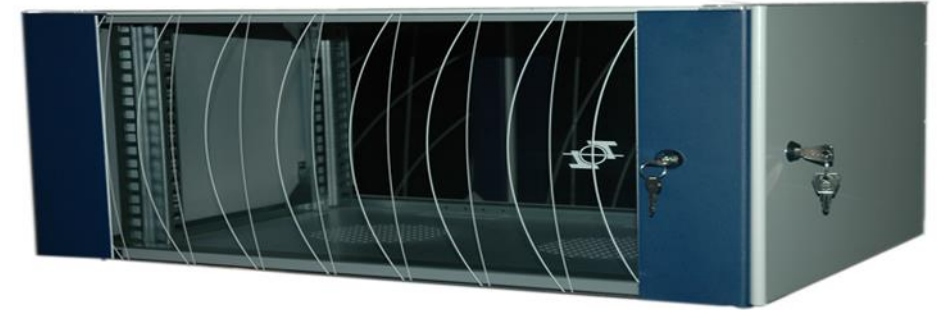
Our company is engaged in manufacturing for various sectors, renews itself with each passing day, it continues to develop its product range in the manufacturing and quality standards.



Telmek was founded in 1994 in Ankara and manufactures sheet metal parts and products by using high technology, especially for IT, telecom, electronics, automotive, railway and defense industries.

Main products are rack cabinets, indoor and outdoor electrical cabinets and distribution panels, as well as high variety of custom enclosures.

The company is equipped with various high technology machinery such as laser cutting, punching, bending, automatic bending center, surface grinding, welding, riveting and other supporting machines and tooling. This enables producing high precision and high quality parts and supplying to leading global companies from various industry sectors.



COMPANY PRESENTATION

- Established in 1981
- Termo İndüksiyon has been mainly working on induction heat treatment.
- It has been providing heat treatment services to:
 - Machine Industry,
 - Automotive Industry,
 - Heavy Machine Industry,
 - Construction,
 - Agriculture and Earth Moving Machines Industries,
 - Petrol and Mining Industries,
 - Ship Industry,
 - Aviation and Defense Industry,
 - Wrought and Foundry Industries,
 - Food and Textile Industries.

SERVICES PROVIDED

- Induction hardening
- Stress relieving
- Tempering
- Annealing
- Shrink fitting
- Dismantling of shrink fitted parts
- Powder coating and plastic coating
- Burning paint or lacquer
- Carburization
- Cementation
- Nitration
- Normalization
- Hardening
- Quenched & Tempered
- Grinding
- Electro-chrome plating
- Machining

In every project, technological excellence, quality and customer satisfaction along with carrying out obligations are the main principles of the company.

THK Uçak Fabrikası Sanayi and Ticaret A.Ş. which is the first Civil Sport and Training Airplane Company in Turkey, has been founded on December 2nd, 2011 by the participations of Turkish Aeronautical Association and Koç Consulting General Manager Aydoğan KOÇ and with the support of THK University; to design and produce, assembly, certificate and make sales-marketing of various aerial platforms.

After being founded under the name of THK Uçak Fabrikası San. ve Tic. A.Ş., the company is now going on its activities under the name of THK Uçak İmalat San. and Tic. A.Ş. as of the date of July 10th, 2012.



Our company, T-Kalip Sanayi ve Ticaret A.Ş., was formed in Ankara in 1999. Our main line of business is to manufacture steel- and aluminum-based mechanical components and sub assemblies for various machinery and equipment destined for local and international markets especially for the defense industry. With computer aided design (CAD) and computer aided manufacturing (CAM) capabilities, T-Kalip is one of the leading manufacturers of precision mechanical parts, in defense industry, in Turkey. Our company is constantly improving its production and quality control capabilities and received a ISO 9001:2000 quality assurance certificate in 2004.



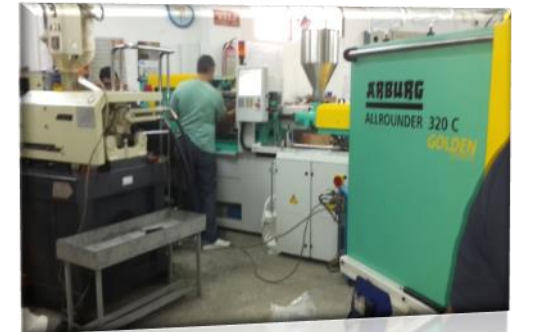
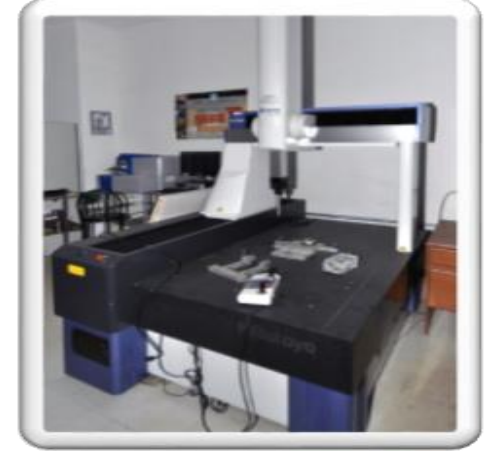
Our products, which we manufacture in accordance with military specs, are sold to leading companies in the Turkish defense industry and exported to various countries, particularly the United States of America.



M. Hakan Atalay (founder of Tolga Plastic Trade and Industry) took a part in management of Tek-Plast Co.

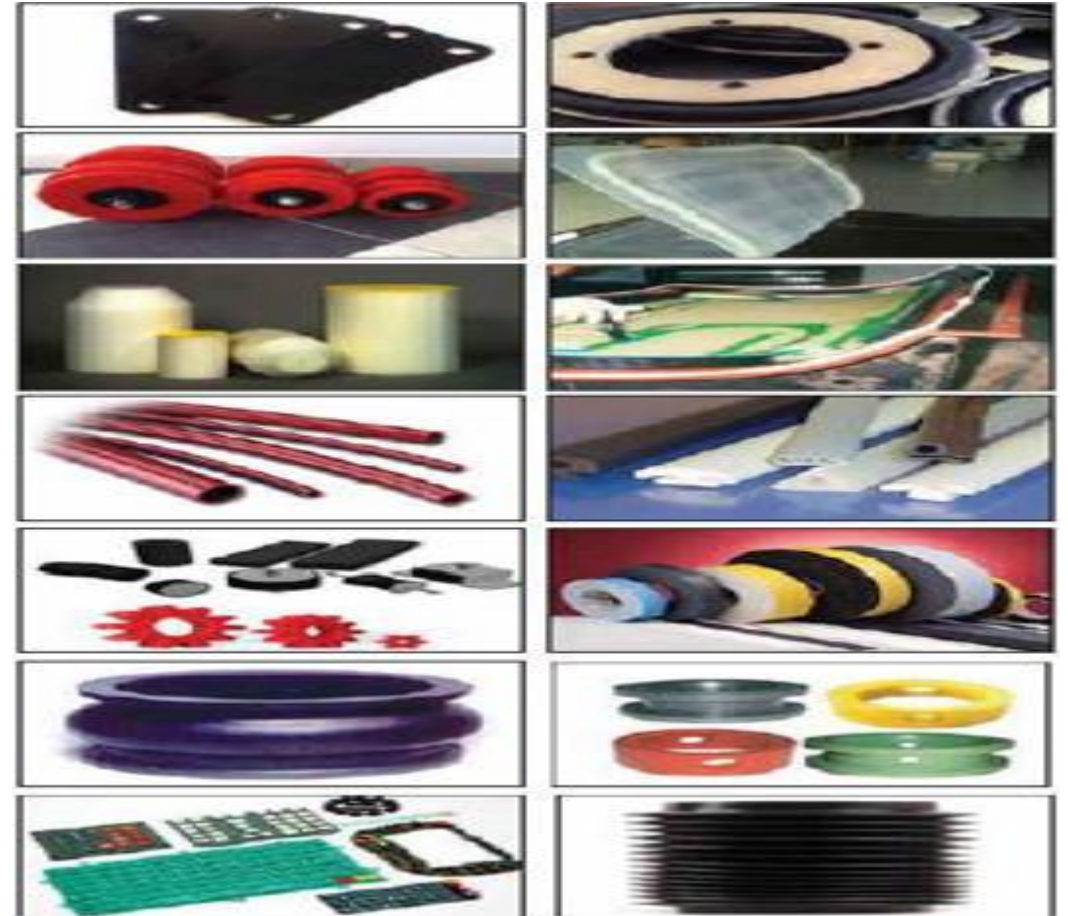
Between 1980-2001 related to production of mold design, mold manufacturing and injection molding. He did benefit from his experience in Tolga Plastic Trade and Industry Co. in 2001 which is a family company with two partners.

Tolga Plastic is sought and preferred by reputable firms and institutions with his self-developed production methods and experienced staff in mold design, mold production and plastic injection molding jobs. QUALITY, EXPERIENCE, TRUST! Tolga Plastic looks for co-operation not only in customer-manufacturer relationship but also well-established and profitable partnership for both sides in long term.



Our Company firstly started its activities as a sales company in Ankara in 1997 and later started its manufacturing activities with its first production line from the mid of 1998 upon the customers' requests. The Company continued its production in specific fields (O-Ring, Cord, Pneumatic Felt etc.) based on the experiences of the Company's Owner, Yaşar TOMBAK, and turned out to be a company preferred by the leading industrial companies in the relevant sector.

The Company adopted continuous development and permanence to account the advances in the sector and the customer demands and acted together with all of its personnel according to the principle "unsatisfied customer is the lost customer" and accelerated its growth by means of its R&D studies and after-sale services and kept its road on the same line.





TTAF SAVUNMA SANAYİ VE TİCARET A.Ş.

TTAF Defense is specialist in the design, development and manufacture of electrical interconnect systems and electro-mechanical assemblies installed to Air, Land, Naval, Space and Telecommunication platforms.



Adress: Ostim Mah. Ahi Evran Cad. 1212. Sok. No:24 06370 Yenimahalle ANKARA /TÜRKİYE

T: +90 312 386 22 66 F: +90 312 386 35 36.

What began in 2006 as a project management and engineering firm in a small office space has grown into a manufacturing facility producing its product in accordance with ISO 9001:2008 requirements by the help of 40 young but skilled & experienced employees.

TurkMak has completed hundreds of different projects which equals to thousands of different single-item parts or complex assemblies. TurkMak's portfolio consists of numerous different items from 10 gr. tiny pin to 200 kg. shock absorber housing for M1 Abrams Tank or arm & hub assembly for M578 Recovery Vehicle.

TurkMak avoids dealing with easy jobs and, as an ideal, always tries to complete jobs hard to achieve. Therefore, TurkMak has defined its mission as "to be a reliable solution partner".

SAVUNMA
HAVACILIK

TAI

TURKMAK
Makina Mühendislik

TURK HAVA KUVVETLERI
001

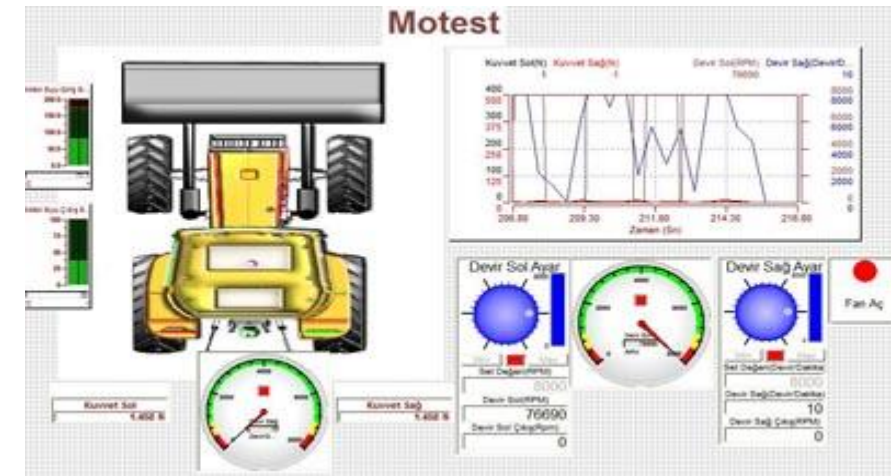
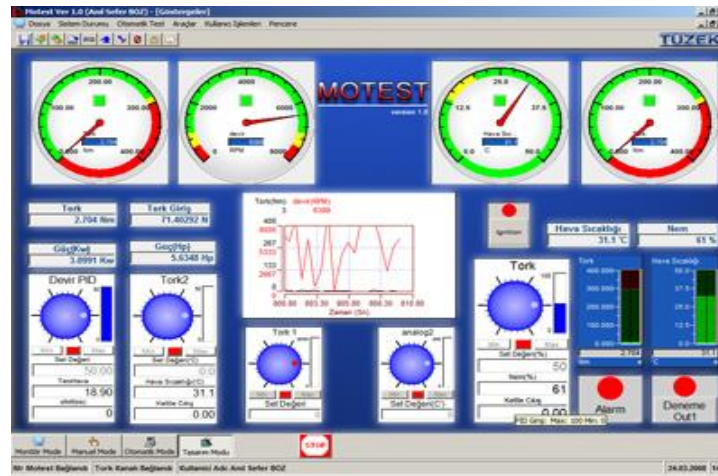
Quality Management Certified
AS9100 Rev C
ISO 9001:2008

" SAVUNMA VE HAVACILIK SANAYINDEKI
TALASLI IMALATLARINIZ ICIN
COZUM ORTAGINIZ "

TURKMAK MAKİNA MÜHENDİSLİK SAN.LTD.ŞTİ * İVEDİK OSB 1435 SOK. NO:9-11 * YENİMAHALLE/ANKARA * TEL : 0.312.394 46 74 FAKS : 0.312.394 46 72
www.turkmak.com.tr * info@turkmak.com.tr

Tuzeks A.Ş. operates in the area automotive main industry, engine and vehicle testing over 20 years.

We re the leader and experienced engineering company in its own area with 90% complate engine and vehicle tesitng fecilities and with the referances of all engine/vehicle producers in Turkey with over 150 testing facilities.beside this, for supplying demends of our customers who need testing purposed R&D succs as education facilities(univercities, technical high schools), public enterprices, That Operate about 1 Automotive engineering, 2 special vehicle production Testing All kind of turning mechanics under pressure , Testing labs of vehicle and engine performance, Testing Contrivence of internal combustion and electric engine.



Tüzün Kardeşler A.Ş. was founded as machining work shop, spare-parts production oriented in automotive sub-industry in 1969 by Seyfettin Tüzün and Abdullah Tüzün.

Our company has incorporated by adding hot-forging facilities in it since 1993 and it has been certified with ISO quality certificate since 1999.



To service its customers with better quality production management and supervision, in 2011 our company generated TS EN İSO 16949 quality assurance management systems and it came to an important situation as a company.

Our company has started to manufacture spare parts for defence and machine industry together with the automotive industry from the time it was incorporated.

The constantly growing Umt Quality Control sector is targeting continuous growth investments for the future and it is necessary to be indispensable alternatives in the sector.

Our company offers quality priority service to its customers with its wide product range.



Unicom has been founded in 1989. The company is specialized on IT Systems Networking and Infrastructure of Fiber Optic Networks and Data Networks.



Unicom has its own production-manufacturing facility in Ostim-ANKARA Unicom is specialized on manufacturing 19" Racks and their Accessories, Fiber Optic Distribution Frames, DSLAM Cabinets, Fiber Optic Patch Panels, Fiber Optic wall boxes, Fiber Optic Patch Cables, Military Tactical Fiber Optic Cable Reels, Terminating Military Connectors, Military Shelters, Military Training Consoles, EMI/RFI protected cases, several types of TEMPEST Products. Its production conforms to the ISO 9001 standards and TSE (Turkish Standards).



- Networks and Structured Cabling Systems Designer and Installer and Distributor of Optical Cables Corp.-USA
 - Manufacturer of Sheet Metal products.
 - Military Fiber Optic Connectors Terminations
 - Tempest Installations,
 - ISO 9001 Quality Certificate
- Turkish Standards Institute Data Cabling Quality Certificate



Founded in 2000 to manufacture precision components by lost wax process of investment casting; Unimetal is Turkey's leader in manufacturing capabilities, product development and quality.

Unimetal's 8200 sqm closed area facility is located in Tuzla, Istanbul.

Unimetal casts parts made of aluminum, steel, stainless steel, copper-based and other special alloys to manufacture products for leading companies in the Aerospace, Defense, Automotive, Energy, Medical, Electronics and Machinery sectors.

Unimetal makes use of modern technology to offer its customers finished products through in-house operations and organization of tooling design and production, casting, precision machining, heat treatment and surface treatment.

Unimetal's Quality Management System is AS 9100 and ISO 9001 certified.

Unimetal is an approved member of EICF (European Investment Casters Federation) and SASAD (Defence Industry Manufacturers Association).

Unimetal engages with Universities and R&D Support Providing Institutions such as TUBITAK and TTGV, cooperating on Process and Product Innovation Projects.





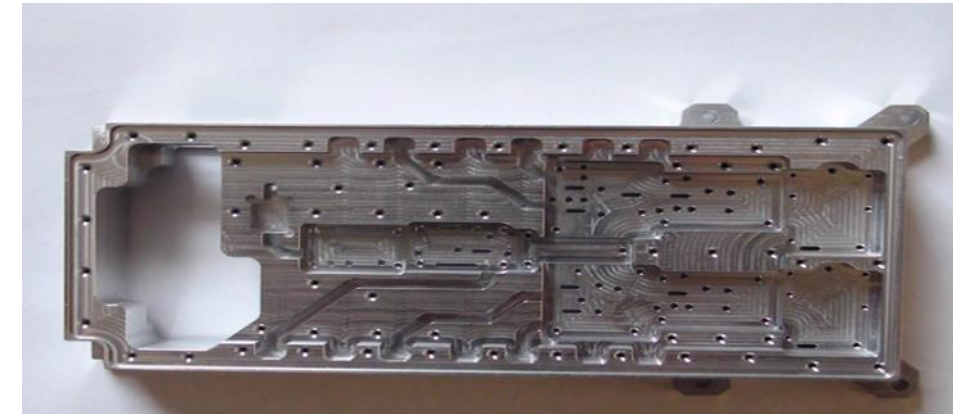
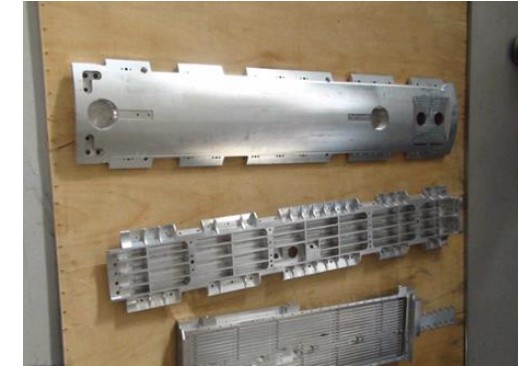
UYGUR LTD. has been providing precision machining service as a sub-contractor and vendor to mainly aerospace, defense and electronics industries since 1997. UYGUR has become a credible brand in the sector due to high quality production engineering and reliability.

UYGUR has an experienced and specialized team that is supported with a modern machine park equipped with the latest technology. With the help of continuous investment in personnel training, machinery and infrastructure, UYGUR has a sustaining flexible, strong and disciplined structure that enables fast and precise answer to customer needs.

UYGUR's core business is precision machining, and prototype manufacturing is one of the services that we are specialized in. Uygur delivers precise prototypes with superior quality according to customers' data and demands in short delivery times.

UYGUR has AS9100 certificate since 2008 and ISO 9001(2000) since 1999. In 2014, UYGUR received its Facility Security Clearance Certificate in both National Secret and NATO SECRET level and also Nadcap Certification in Non Destructive Testing (FPI).

UYGUR is a growing company. Today UYGUR has 49 CNCs (20 of them is 5-axis) and 4 CMMs in its machine park. New special processes FPI (Fluorescent Penetrant Inspection) and Heat treatment are added to UYGUR's capabilities recently. 10 000 m2 production area in two Akyurt Facilities enables UYGUS for further investments and growth.



Ucaslar was founded in 1960 and started production in 1960 in Istanbul, as a machining facility, currently situated on two different locations one is 1300 m2 closed area (Dudullu Facility) and 3500m2 closed / 2000m2 open area (Gebze Facility) including machining shops and testing labs. Hasan Istanbuluoglu & Coskun Istanbuluoglu became shareholders in 2004 and took over the 100% of the company in 2005. Huseyin Istanbuluoglu joined the company in 2007.

Capacity 55% of its total production is for the OEM industry and include products such as Cast/Forged material Machining, Sheet Material Machining, Ferrous and Non-Ferrous Mill Product Machining for commercial, agricultural vehicles and earthmoving machineries. The remaining products are manufactured for Mining, Defense, Glass Mould industries.

Ucaslar machining capability gives a chance to machine various types of components with different sizes, weighing between 0,10 kg - 800 kg by making efficient use of its modern technology and equipment such as high technology 5 axes machining equipments as well as quality testing and outsourced heat treatment process.

Ucaslar is certified by international standards TS EN - ISO 9001 : 2008 ve ISO 14001:2004 and totally 48 well educated and experienced employees are currently working in the company.



We as VIBROMAK SURFACE TREATMENT TECHNOLOGIES INDUSTRY AND TRADE COMPANY LIMITED have been provided service in surface finishing sector in our branch in Ankara Centrum and İstanbul/İkitelli İSDÖK Industrial Area with our sectoral knowledge since 1994.

We present you chips, granules, and surface finishing compounds used in machinery with the vibratory machines we have manufactured domestically, with quality and economical prices.

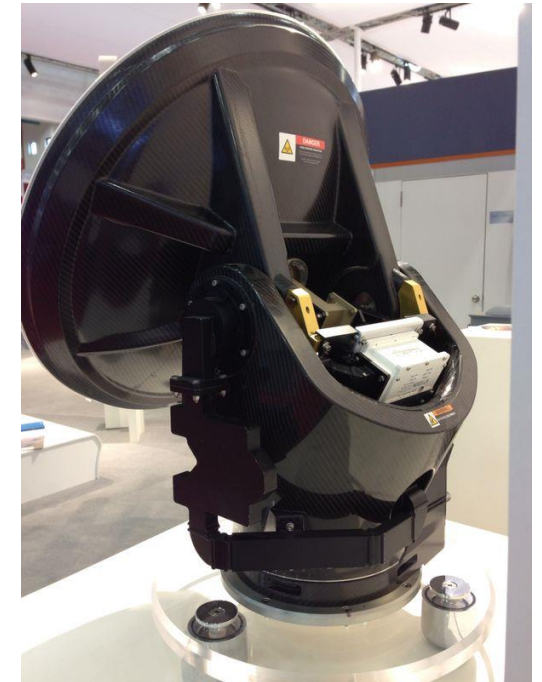
The number of countries we export has been increasing each passing day, in parallel with our rapidly increasing sales potential in domestic market.

Our corporation which is active with personnel who have the technology required by our age and are equipped and qualified with the rational operation methods and educated, specialized, continuously opened for improvement and have adopted the quality system, in compliance with TS-EN-ISO 9001-2008 standard and affiliated regulations paying attention to the after sales support twenty-four-seven adopts as a principle providing continuous customer satisfaction.



VOLO uses composites and unusual materials to manufacture high quality products. By combining superior technology and advanced engineering techniques, we effectively design feasible parts and systems.

We design and manufacture subsystems and parts for your projects. In this way we ensure that the project is completed in a timely and defined budget.

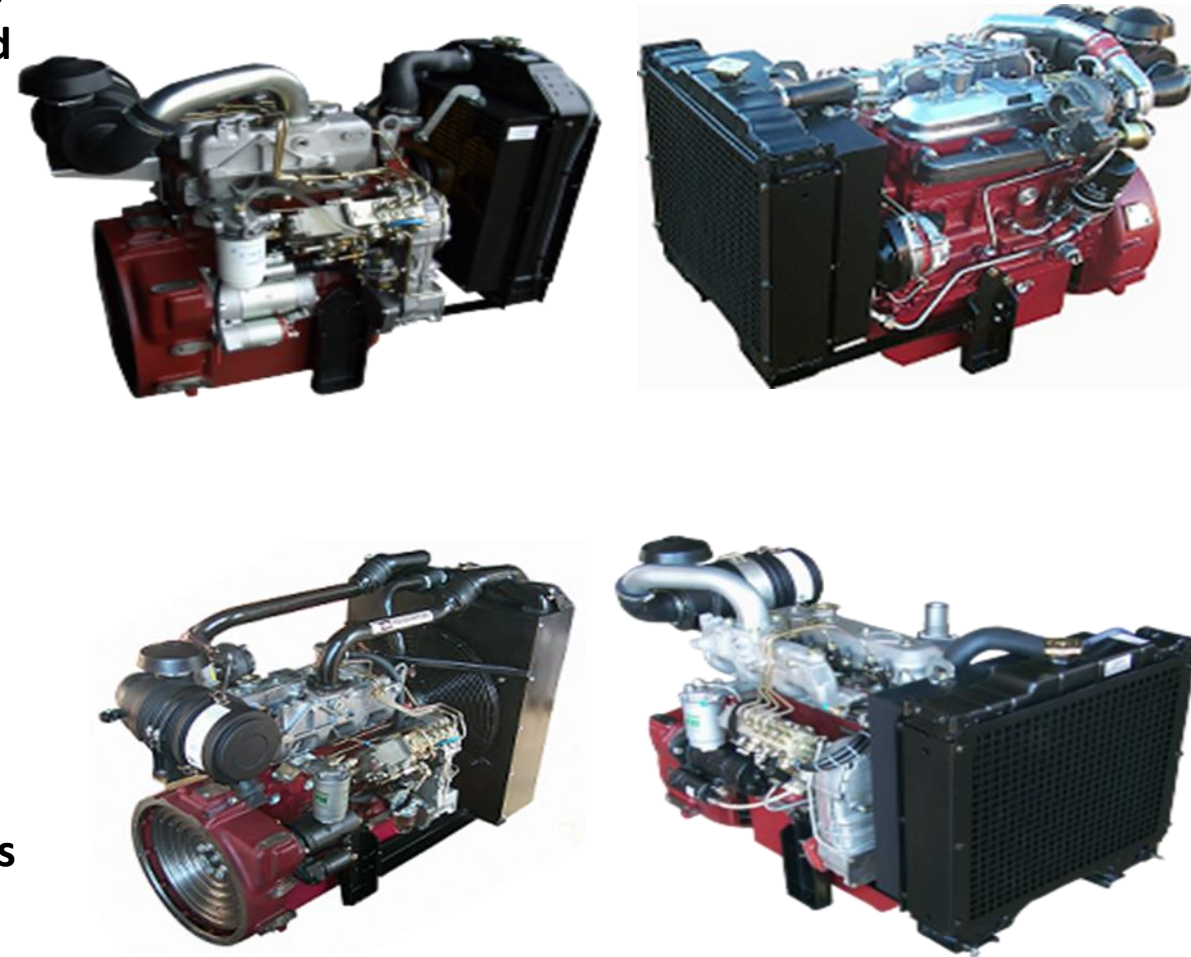


Yavuz Mühendislik Sanayi ve Ticaret A.Ş. is founded in 1991 by specialists in automotive industry. The target of the company was to represent international compnaines in Turkey and to develop joint projects for domestic market. Yavuz is develloped fast and entered automotive market by production and become a successfull OEM partner in engine components.

Yavuz has mainly produced connecting rod and still design and produce connecting ords for its OEM customers worldwide. Later company has established its own cylinder block and cylinder head serial production line also for OEM customers and its own requirements.

In year 2002 company has registered YAVUZMOTOR as its own registered trademark and started production of industrial diesel engines after completing its investment in 2005.

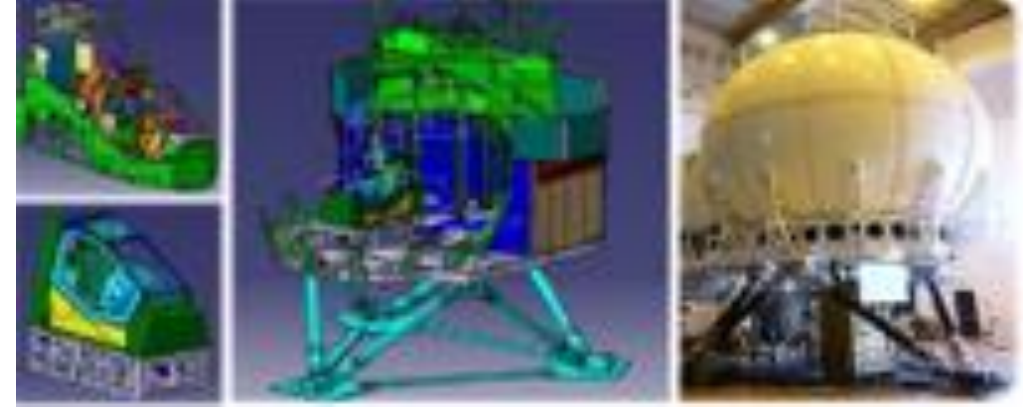
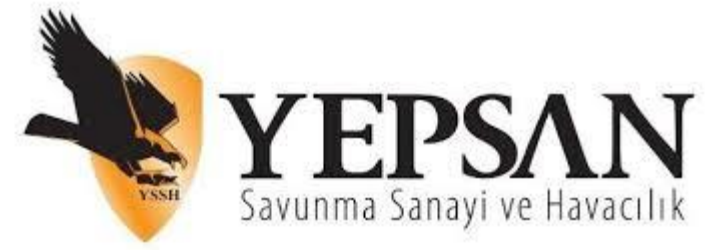
Our company has performed the impossible in the shortest possible time and develloped the maximum power/liter rate via its own engineering capability. Keeping the customers trust in mind we are sure that you will be satisfied with our engines performance, reliability, durability.



Different R & D projects are continuing. One of R & D projects that is when removal and the installation of military and commercial aircraft engines, instead of engine stand is being used by the hydraulic principles. Acceptance test procedures has been accomplished successfully and OEM certification is pending.

This project is aimed to increase the military and civil aircraft engines of safer and less time changing the first operational efficiency and minimize the need of man / hours. Only with this project in the aviation sector is considered significant gains can be realized though it seems like a simple.

In addition to our 28 years of manufacture metal parts to experience gained in the ability and conscious awareness, to be active the defense and aerospace projects work devotedly in the defense and aerospace projects, needed materials / systems to produce accurate scope of standards, wanted to be taken on behalf of a company to be in the right place and time.



Yeter machine has begun its operations in the fields of machining and custom built machinery in 1990. Since its foundation, it has been performing design and manufacturing operations in custom built machinery, mechanical systems, moulds, apparatuses, spare parts and machining in defence industry, white goods automotive and food sector. Our company is today operating on a 700 m2 closed premises and has obtained the ISO 9001:2008 quality management systems and running it successfully.

Our company has been following the latest technology and innovations and been investing in this direction. Our target is to develop itself in the field of defence industry and get into most preferred companies.



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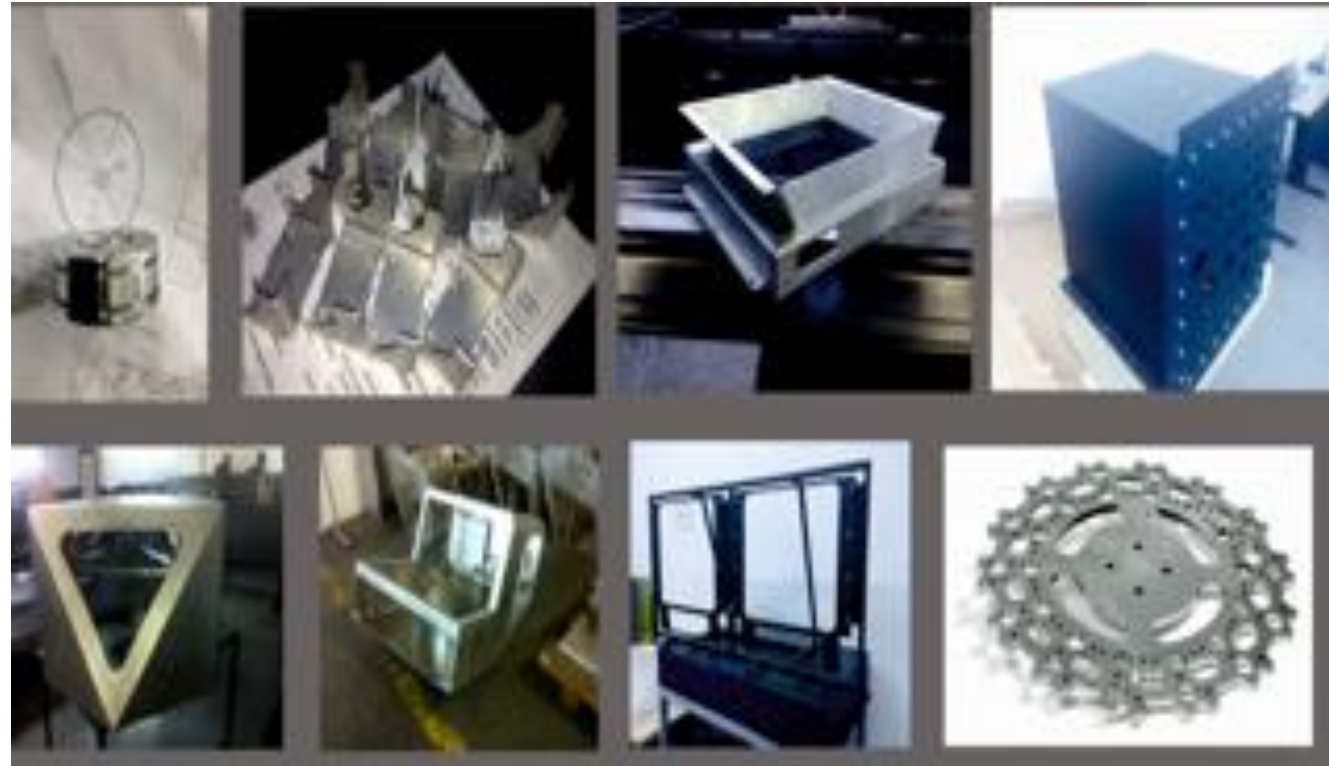
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YTY Metal was established in 2005 in Ostim Industrial Zone on 1. 000 m2 closed area to give service to its customers on sheetmetal processing especially for defense industry. Taking part in many different projects as Prime Contractor or Sub-Contractor, our company also engages in military and civil purpose sheet metal works and each kind of precision welding mold manufacture together with commercial matters in comply with Company Rules.

As we attach importance to quality in production, we use state-of-art machines in our productions. Our machinery constitute of Bystronic Byspeed Pro laser cutting, CNC Bench Press, Vertical Milling Machine , handpreses. Tig welding machine, Molding cutter, drills and various hand tools. In addition to these, our Quality Control Department has been in service with necessary equipments.



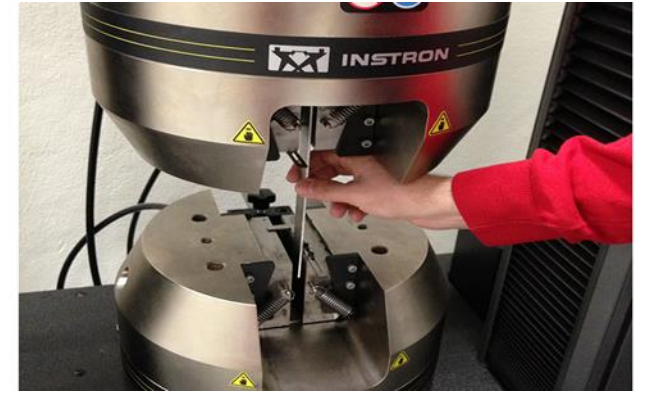
Yuksel Composite Technologies (YKT) Inc. mainly manufacture composite parts for aerospace applications, the main component assembly, engineering and manufacturing teams to perform apparatus, was founded in August 2010.

Our mission : taking into account customer requests and market trends, cost-effective and quality products / services are delivered on time.

Our goal: Domestic and foreign parts and components, structural design according to the needs of the aviation industry to provide engineering services and manufacturing, including production and assembly.



yüksel
kompozit
Teknolojileri A.Ş.



Our Company started its activities in 1990 and has made all the investments required to keep up with the developing and changing world and technological developments since then.

Our Company desires to share with its distinguished customers its 22 years experience in all kinds of plastic and mould works

