



CENGİZ TEKNİK KOMPOZİT INC.

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Cengiz Teknik Kompozit



Our Mission & Vision



Production Capacity



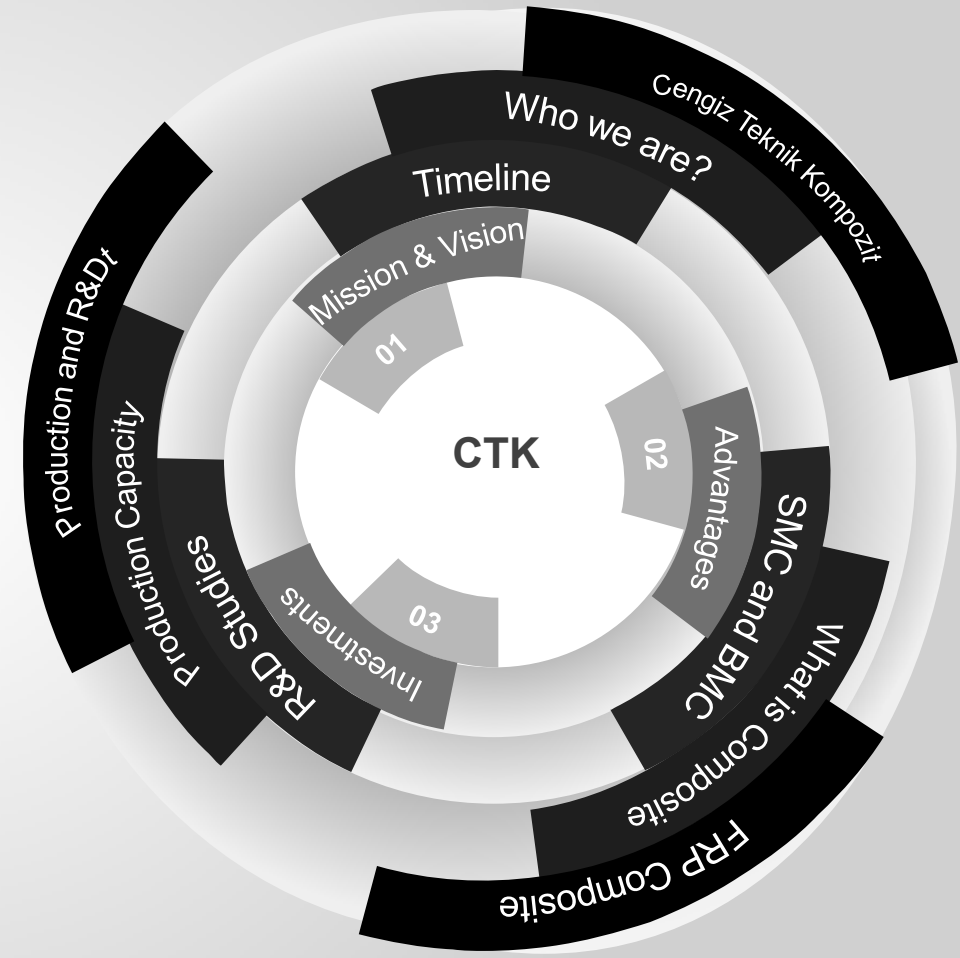
R&D Studies



Quality Policy



Our Investments



About Us

Cengiz Teknik Kompozit Inc. is founded by Arda Group in 2014. Previously, the factory manufactured urban furnitures. Composite is a new material introduced in Turkey and Cengiz Teknik Inc. focuses on improving the usage of this technology in the country. Our products are being continuously improved by our R&D department.



Our History

2014

The birth
of Cengiz
Teknik
Kompozit

2015

30%
Market
Share

2016

Investments
were made to
increase production
capacity

Agreements signed
with
Undersecretariat for
Defence Industries
and
Turkish Airlines

2017

- Led Luminaire production line was established.
- Agreement is signed with Ford Truck on production of composite parts



Mission & Vision

mission

Our mission is become leading World scale company whose main culture is providing services to the customers more than expected and that is competitive, and meets the demands in the quality standards while empowering our organizational structure with a dynamic teamwork.

VISION

Our vision is taking a part in the composite industry as an inspiring, leader and innovative company. We develop our service manner strategy in these quality standards.



Composite

Composite is a superior and unique material that is a combination of two or more different materials.

The closest definition of composite that is recently used: Reinforced plastic.

- *Kevlar Fiber; Mostly in Military Equipment,*
- *Fiber Glass; Infrastructural and city furniture, Defense, Automotive Industry)*
- *Aramid Fiber; Self Protection Equipment, High Temperature Resistance*

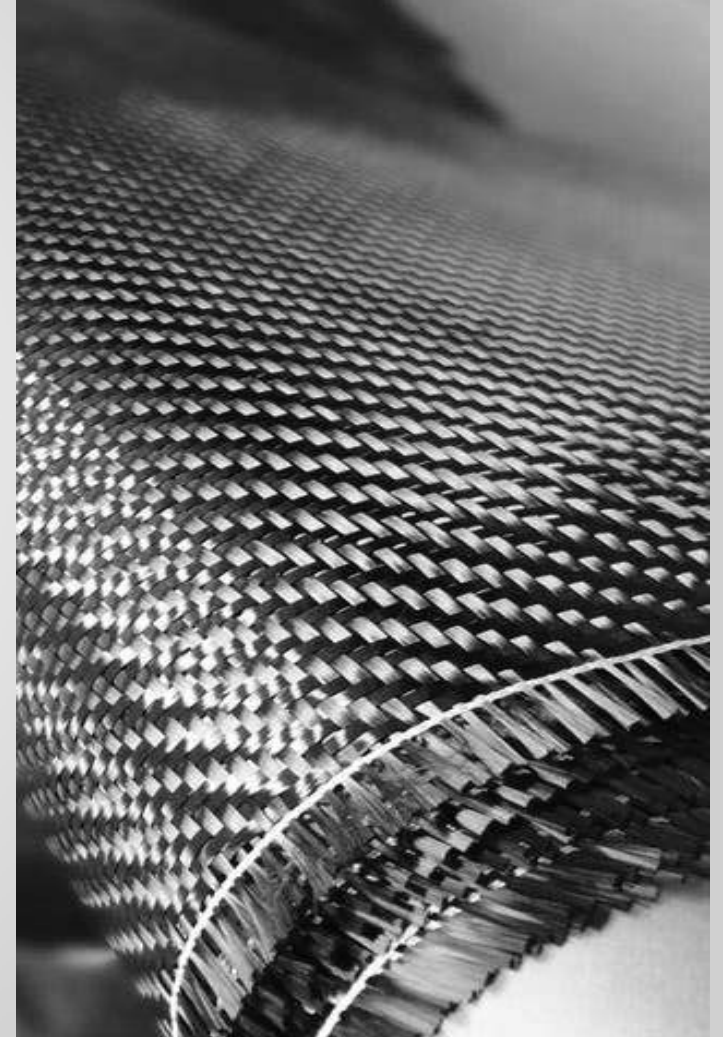
- *Carbon Fiber (Mostly used in Bicycle, Planes, Military Equipment, Hockey and Golf Sticks, Automobiles And most importantly in Environmental Applications As a chemical purifier)carbon is a powerful absorbent)*

Our Production

Currently, we are using two methods of production ; SMC (Sheet Moulding Compound) and BMC (Bulk Moulding Compound)

Differences are;

Bulk Molding Compounds (BMC) and Sheet Molding Compounds (SMC) are both fiber reinforced materials, typically utilizing glass strand fibers of varying lengths. SMC uses slightly longer length fibers than BMC, and typically has a higher percentage of reinforcement fibers than BMC. Fiber Lengths range from 1/32-inch in BMC up to 1-inch in some SMC's, resulting in various strength characteristics which can be customized for individual needs. IDI also offers carbon fiber reinforcement for applications that require exceptional strength coupled with severe weight restrictions in our Structural Thermoset line of products.



Quality Policy

Focuses on Quality at everywhere of works.

We apply ISO 9001; ISO 10002; OHSAS 18001 policies on from production to management.

As volume of our R&D studies increase rapidly, we aim to have ISO 27001.

Our first quality process is starting in our Purchase Department. (Investigate the supplier)



Advantages

- *High strength*
- *Resistance to high temperature*
- *Chemical resistance*
- *High performance*
- *Additionally of metal piece to the product*
- *Easy to design*
- *Easy production of complex shapes*
- *Smooth surface*

- *Low costs*
- *Easy production*
- *Color options*
- *No junk value, no risk of theft*
- *Long-lasting*
- *Dielectric*
- *High dielectric resistance*
- *Resistance to the sunrays*
- *High quality*

Executive Summary

Raw Material Production;

- 3 BMC Mixer Machine; Total capacity 14 Ton/Day.
- 1 SMC Machine; Capacity 18 Ton/Day.

Investment;

- 4,8 Million TL (Approx. 2,4 Million USD) was invested.

Capital;

- 1 Million TL (Approx. 0,5 Million USD) Capital.

R&D;

- Over than 5 Million TL (Approx. 2,8 Million USD) was invested for R&D studies.

Patents;

- In 2016 applied patents; 7 amounts
 - 1 of them is approved
 - 6 of them are pending for approval
- In 2015-2016 applied petty patent; 15 amounts
 - 6 of them are approved
 - 9 of them are pending for approval
- In 2015-2016 applied industrial desing; 8 amounts
 - 7 of them are approved
 - 1 of them is pending for approval.

Product Groups

Lighting



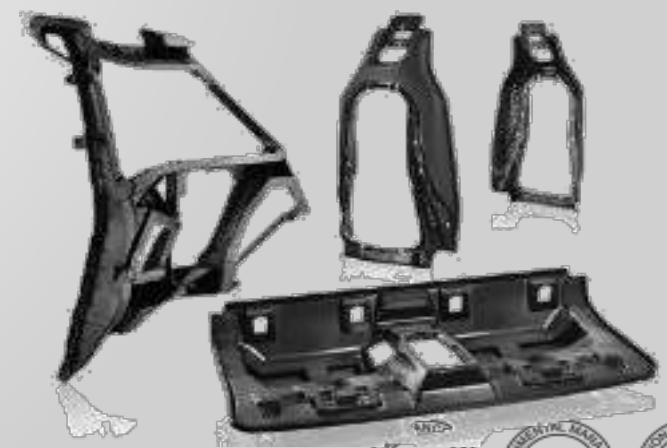
AeroSpace



Defense



Automotive



R&D



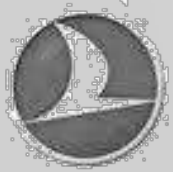
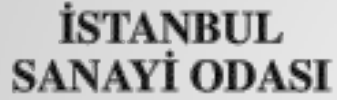
Our main goal is working on innovation and to develop new

As composite materials are comparatively new, our company is among very few companies worldwide who successfully use it. When we consider that this technology already occupied 90% of share of used materials in automotive, communication, aviation, defense industries and space technology.

The other R&D policies are as described on the photo at the right.



References



TURKISH TECHNIC



Our Presence





CENGİZTEKNİK KOMPOZİT

Member
of



ARDA GRUP