



SOLIDMEKANİK

2025-2026

expert engineering, professional team

**"We work tirelessly
to offer you customized solutions."**

SOLIDMEKANİK

Who Are We?

Solid Mekanik

With years of experience, we embrace the ideas of our valued customers and always deliver the most accurate and precise solutions based on your needs. You are our priority...

2017

Year of
Establishment

324

Completed
Projects

47

Professional
Employee

52

Business
Partner



Hygienic Ventilation,
Air Conditioning



Special Hygienic
Applications



Insulation
Applications



Tank, Valve
Jacketing



Project Planning,
Installation



Custom Made
Products



Cold Room
Installations



Hygienic Metal Cutting,
Bending and Welding

from a Food Expert

Hygienic Ventilation, Air Conditioning

Air conditioning systems require expert engineering and meticulous workmanship. At Solid Mekanik, we develop customized solutions for all types of businesses, whether outdoors or indoors.

Our goal is to make an exceptional and lasting contribution to our customers' business success.

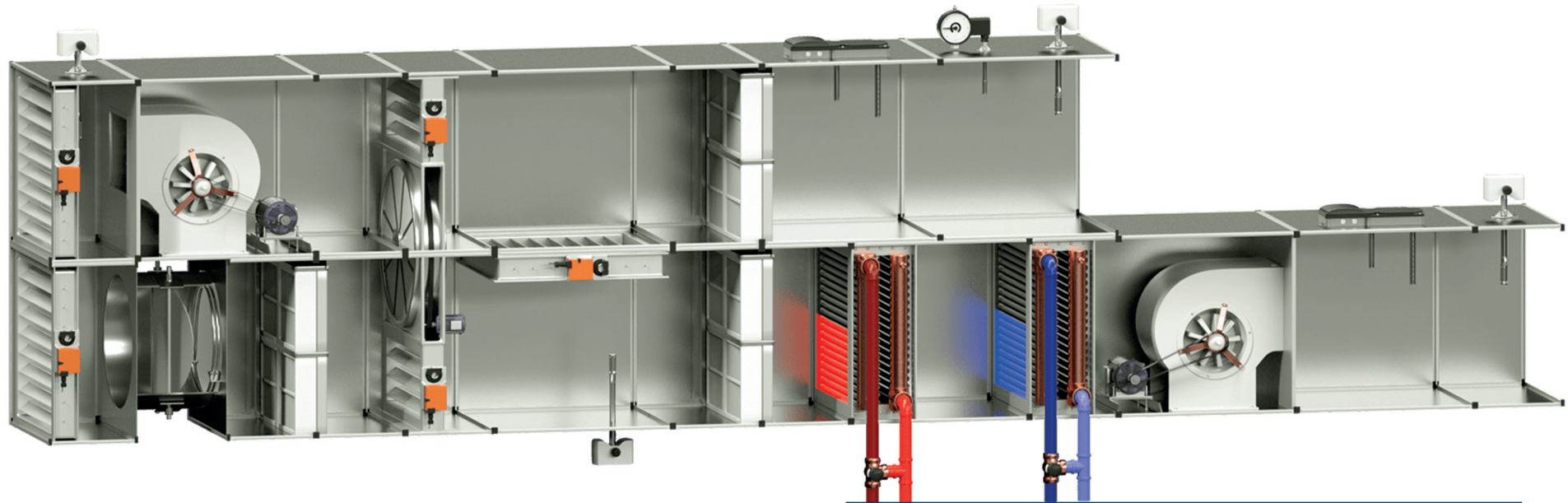


Our biggest distinguishing features from other companies:

- We understand the meaning of hygiene.
- We manufacture and use chrome fans in our ventilation units.
- We provide 24/7 after-sales service, providing immediate solutions to our customers' problems.
- We have a qualified and competent staff.
- We provide reliable engineering services for energy efficiency.
- We have a team that constantly updates and improves itself in a rapidly changing world.

SOLID MEKANİK has successfully completed all the "Ventilation, Air Conditioning" projects it has undertaken so far, exceeding expectations thanks to its underlying engineering approach.





High Filtration System: Provides clean air by filtering particles, dust, bacteria, and microorganisms.

Humidity and Temperature Control: Maintains the desired temperature and humidity levels.

Easy Cleaning and Maintenance: Interior surfaces are easy to clean and comply with hygienic maintenance standards.

Hygienic air handling units meet the hygiene requirements of sensitive environments, providing safe, sterile, and controlled air quality.

Unlike standard air handling units, hygienic air handling units utilize specially designed edge and reinforcement profiles, corner elements, and cover panels to minimize indentations and protrusions that could lead to contamination accumulation within the interior of the cell. Furthermore, the interior surfaces of the side panels are entirely made of 304-grade CrNi stainless steel, while the interior and exterior base covers are made of galvanized steel.



from a Hygiene and Insulation Expert

Chiller Systems

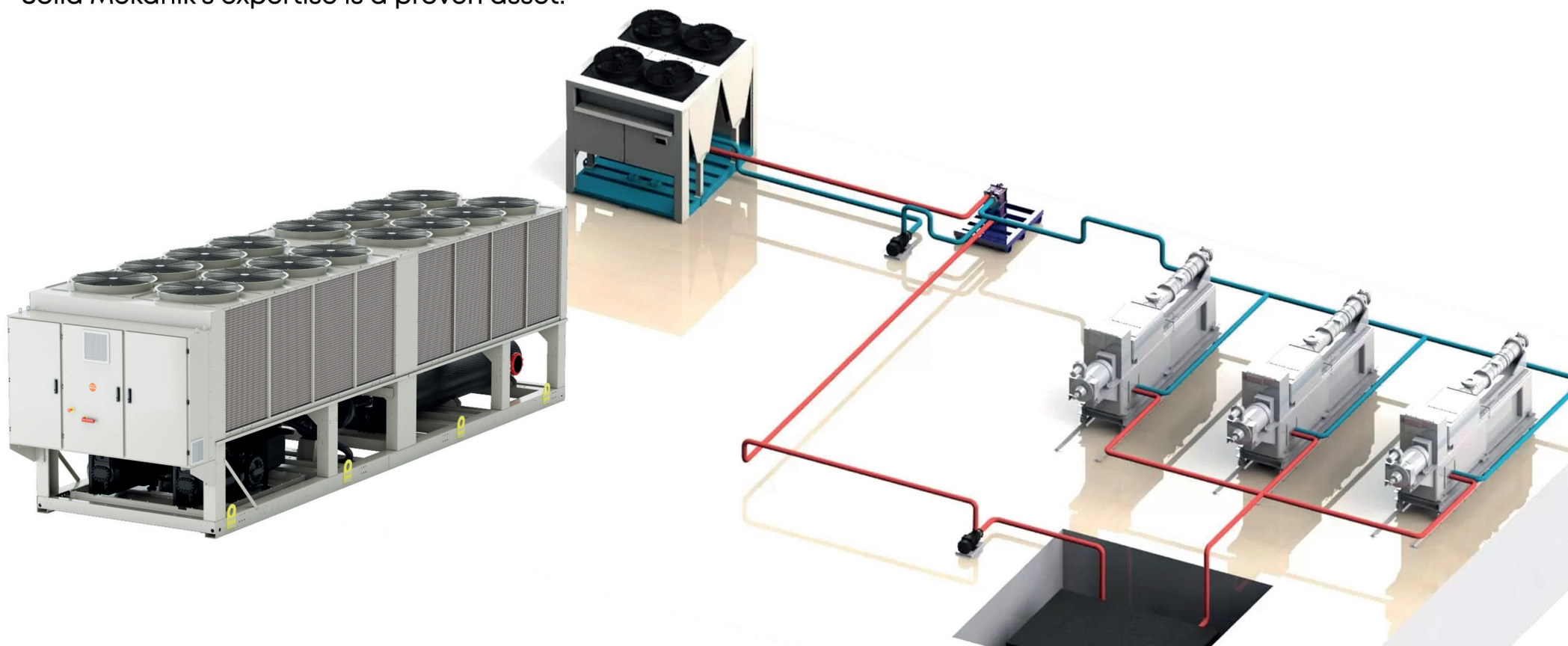
Chiller cooling groups are used in industrial production facilities, food and pharmaceutical industries, plastic production facilities, cosmetics manufacturing facilities, cold storage facilities, hotels and hospitals.

However, each chiller project must be prepared by experts, specific to the area and facility.

Systems planned and built by Solid Mekanik ensure the perfect interplay of all factors for a pleasant climate and ideal production conditions, taking into account even the most challenging spatial and architectural constraints.

This is based on our extensive portfolio of products and components, derived from our own production, whose decisive performance potential we flexibly adapt to customer requirements.

Solid Mekanik's expertise is a proven asset!



Yogurt Incubation Rooms

If you operate in such a sector and need a yogurt incubation room, you should choose systems designed by a professional team.

In many production areas, the quality of materials and equipment affects the final product. Recognizing this, our company prioritizes your quality by offering you the highest quality products. By choosing Solid Mekanik for your yogurt incubation room installation, you can maintain and even improve your product quality.

To prevent quality losses, Solid Mekanik is the right choice for food production.



Cheese Rooms

In cheese ripening rooms, where the moisture balance of the product must be managed, professional engineering is required to remove moisture from the cheese.

Removing moisture from cheese ripening rooms while maintaining a low temperature is crucial to reduce the risk of variable product quality, increase production efficiency, and maintain the integrity of food safety protocols.

Cheese Drying Rooms

The drying process of cheese directly affects its aroma and surface quality. To maintain a balanced moisture content and prevent undesirable microorganisms during this process, industrial dehumidifiers with silica gel rotors and system integration designed with the right engineering infrastructure are essential.

Designed by our expert engineers and finalized by our competent technical team, dairy product resting and maturation rooms save both time and money.



-18° / +4° Cold Rooms

Industrial cold rooms are essential for the proper storage of perishable goods, especially in industries such as food and pharmaceuticals. These specialized rooms are designed to maintain a specific temperature and humidity level to ensure the safety and quality of stored products.

Solid Mekanik has been a regional leader in industrial cold room manufacturing for over 10 years and has earned an excellent reputation for our impeccable designs, craftsmanship, excellent customer service, and the reliability of our cold rooms.



Hygienic Moisture Retention Device

Our 100% Solid Mechanics-designed and manufactured hygienic floor-standing dehumidifiers are equipped with a bypass system that adapts to the diverse needs of our customers across the production network and utilizes custom air handling management within the rooms, tailored to their specific needs. This system also provides control over the results through changes in the mixed air flow.

For example, in cheese production, flexibility can be pushed to the extreme with an air conditioning rate adapted to the unloading, ripening, drying, and cooling stages before packaging. If you plan to install multifunctional rooms or mixed cellars, our floor-mounted dehumidifiers perfectly meet your needs.



SolidAir Fabric

Hygienic Textile Ducting

Hygienic textile air ducts provide homogeneous and quiet air distribution, enabling more comfortable living spaces.

Usage Advantages

- They are anti-microbial.
 - The fabrics are lightweight.
 - They provide ease of installation.
 - They reduce logistics and storage costs.
 - Fabric ducts are easy to clean and can be washed in industrial machines, providing a hygiene advantage.
 - They can be produced in various colors and shapes to match architectural styles.
- With their diverse shapes, blowing methods, colors, fabric types, and fire ratings, they offer flexible solutions suitable for every space.





Textile air ducts are hygienic.

Even in 90% humidity, they do not retain water. Organisms cannot grow.



They are very easy to clean. The ducts can be disassembled and machine washed at 20-40°C.



They can be manufactured in colors and shapes that match the architectural style. They are cost-effective.



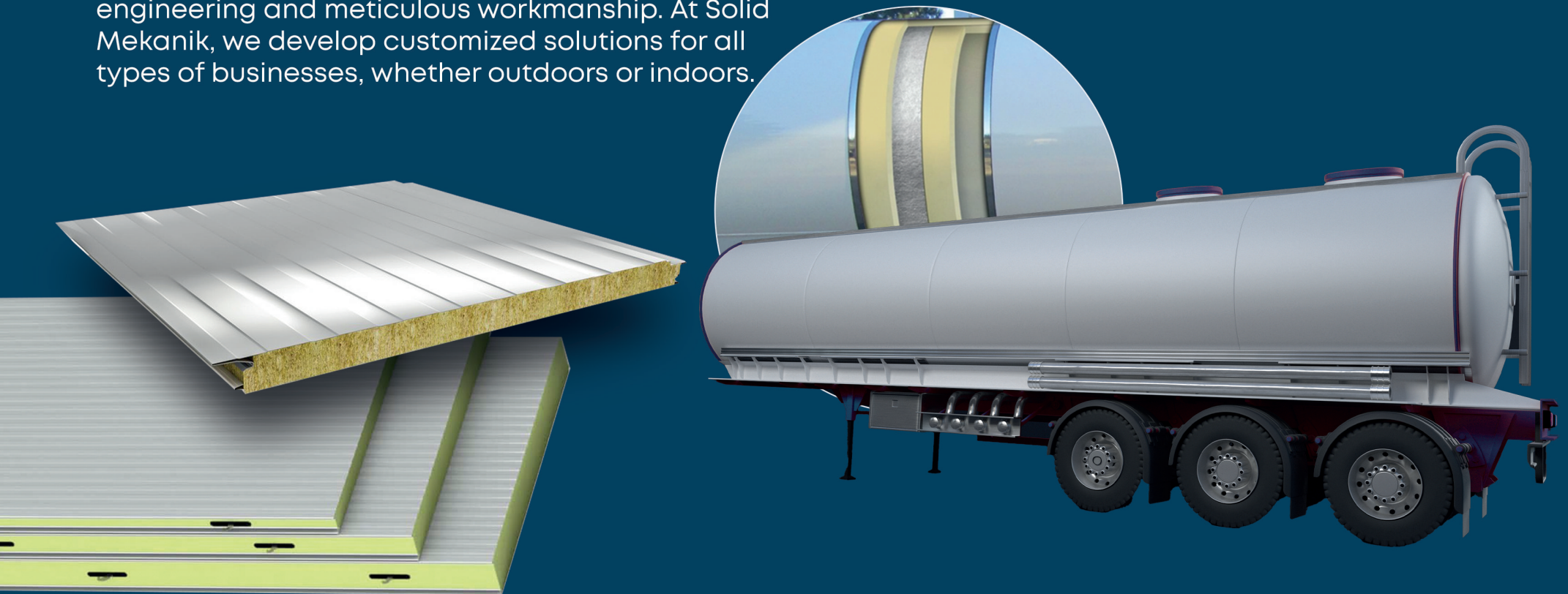
The design of textile air ducts does not create disturbing noise.



Hot and Cold

Industrial Insulation Systems

Industrial insulation systems require expert engineering and meticulous workmanship. At Solid Mekanik, we develop customized solutions for all types of businesses, whether outdoors or indoors.



*Valves, Tanks, and Process Lines
If Not Insulated, They Will Cause Energy
Loss!*

*Minimizing energy loss through insulation
reduces your business energy costs!*

Solid Mekanik aims to minimize energy losses to near zero, adhering to the principle of cost-benefit in all its applications. We prioritize environmental compatibility with the equipment, chemicals, and methods used in our operations.

Our expert team is always at your service.



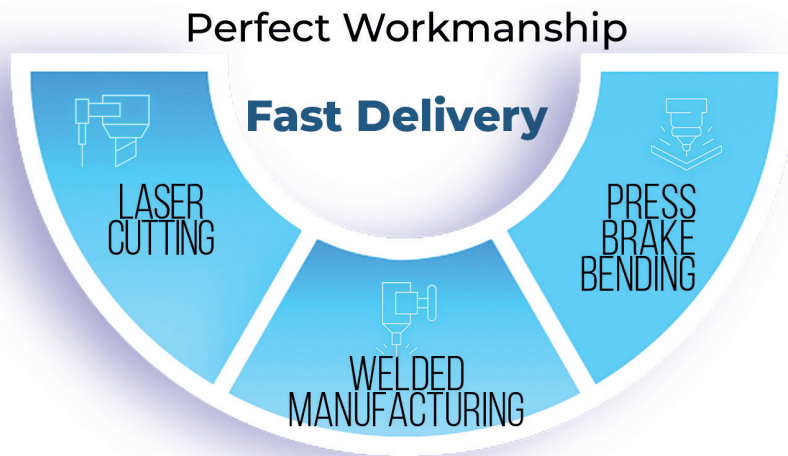
from the region's most expert team

Hygienic Metal Cutting and Manufacturing Services

All the parts you need for your production process or machine components are designed by our expert engineers.

In all parts manufactured by Solid Mekanik's expert team, our priorities are energy efficiency, high durability, and competitive pricing.

Meet Solid Mekanik's expert engineering for all processes requiring high hygiene, such as food and cosmetics.



LASER | ELECTRIC | ARGON | MAG WELDING



Our References

SOLIDMEKANİK



GULF KEYSTONE
PETROLEUM



0553 627 85 17



mechanicalsolid



info@solidmekanik.com.tr

our other services

SHEET METAL PANEL SALES

Solid Mekanik is your reliable partner for the sales of sheet metal panels, sandwich panels, and cold room panels in various thicknesses and sizes.

FACTORY ASSEMBLY/DISASSEMBLY

We successfully carry out all kinds of machinery installations, pipeline systems installations and steel system manufacturing and installations in factories at home and abroad.

HYGIENIC CONSULTANCY

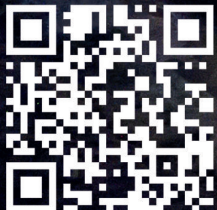
We provide consultancy services with our expert team to sectors such as food, cosmetics and pharmaceutical industries where hygiene is of the utmost importance.



With years of experience, we embrace the ideas of our valued customers and always provide you with the most accurate and precise solutions based on your requests.

Our greatest distinguishing features from other companies:

- We understand the meaning of hygiene.*
- We manufacture and use chrome fans in our ventilation units.*
- We provide 24/7 after-sales service, providing immediate solutions to our customers' problems.*
- We have a qualified and competent staff.*
- We have a reliable engineering team specializing in energy efficiency.*
- In a rapidly changing world, we have a team that constantly updates and improves itself.*



SOLIDMEC MÜHENDİSLİK SAN. VE TİC. LTD. ŞTİ.
Gündoğdu Mah, 3025. Sk. No: 6/G, 10900
Gönen/BALIKESİR
Telefon: 0266 762 77 88 | 0552 742 86 38

