

We **form** Steel

sfm

Steel
Frame
Manufacturing



sfm Steel Frame Manufacturing

Established as a product of experienced human resources, current technology opportunities, and future vision in the business line in which it operates, SFM produces steel pedestals for engineering in machine manufacturing processes.

Mission

To become a happy family that respects nature and contributes to the social and cultural development of its employees by contributing to Turkey's leadership, creating brand awareness, changing by keeping up with technological developments, improving the quality of the workforce with a developing structure, by continuously improving our product and service quality, meeting customer demands and expectations at the highest level, and thus being highly competitive in an international project with an innovative approach.

Vision

To become an internationally reliable and respected organization that continuously develops its methods in the field of expertise in order to increase the effectiveness and efficiency of our company in the national and international market, and that leads the sector by constantly shaping the future with innovative approaches in the steel industry.



EN 1090-2



ISO 3834-2



ISO 9001



ISO 14001



ISO 45001



EN 15085



Our Services

We bring steel forms to engineering by performing the assembly, welding, and painting processes of machine chassis problems, hydraulic tank productions, kinetic structure constructions, and mobile vehicle covers which are designed by our team in accordance with good engineering principles.

We produce steel pedestals for engineering in construction manufacturing processes. As SFM, we plan all manufacturing processes in detail and implement them without compromising on quality with our steel supply, material processing, certified welding, and painting for light design, correct static, and strong structure.





Machine Chassis Manufacturing

The skeleton that keeps the machine standing, the backbone that provides mobility, or the structures that give form to the system are generally defined as the chassis. The steel pedestals that keep the machine standing must be the product of static and dynamic calculations that will not reduce the mobility of the machine, as well as must consist of stronger and more robust constructions compared to the other parts of the machine. We manufacture various machine chassis and profile chassis for all sectors in general and factory hydraulics in particular.

We carry out processes such as cutting, bending, welding, and painting of the machine chassis manufacturing processes designed by our design office.





Hydraulics Tank Manufacturing

The circuit components that store the fluid in hydraulic systems and prepare it in accordance with the operating conditions of the system are called tanks. We can produce hydraulic tanks with a tank volume from 20 liters to 40,000 liters in line with the system requirements. 5253 -52 75 - 5355 structural steels, special quality black sheet manufacture upon request, and A/SI 304 (L}-AISI 316 (L) type stainless steel productions are also included in our production scope.



Valve **Stands**

We produce valve stands that include valve control blocks in accordance with the demands of the system and have detailed features.





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Nitrogen
Stands

We manufacture the steel skeletons of the systems in wnich reciprocating accumulators and nitrogen tubes or balloon hydraulic accumulators are joined together By connecting with collectors, and which are used to accumulate pressurized oil for use in sudden needs.



Kinetic Structure
Construction

It is the architectural engineering work mostly aimed at giving different functions to the space when it is limited. It may be possible for the structure to be completely mobile, or some components can be in motion. Kinetic structure design and construction applications that expand the functionality of narrow spaces are an important part of our manufacturing subject.





Mobile
Vehicle Covers

We manufacture steel covers that are activated by hydraulic cylinders or rotary actuators due to the large size and heavy weight of shipbuilding and maritime sector and dynamic steel surfaces in private yacht projects that prioritize saving space.
SFM Manufacturing Processes;





Manufacturing **Processes**



Design

We manufacture every project we design in accordance with the necessary standards and regulations. We start the manufacturing process by obtaining the customer's approval along with the necessary simulations, applications, and details.

Material Supply

We deliver our steel construction projects which are carried out in line with the schedule determined on the basis of mutual satisfaction and trust on time. We also provide on-site assembly through our assembly team upon request.



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Manufacturing

Section Processing; We process the materials such as steel sheets and steel sections to be used in the manufacturing process in our machinery and prepare them for assembly after the necessary processes such as cutting and drilling.

Sheet Cutting; We make the preliminary preparations for manufacturing by making the cutting plans related to the resulting project in a sensitive and waste-free manner.

Machining; CAM is made so that the manufacturing parts can be produced with the required precision. The production is made appropriate to the technical drawings together with expert CNC machine operators. We check the operated parts with precision measuring instruments.

Marking and Framing; We carry out the manufacturing of the parts that are numbered according to the detailed views of the project the preliminary preparations of which have been completed, by taking into account the quality control processes.

Welding; The welding of the projects that nave been approved by_ the quality control process are made with the required standards by our personnel with internationally recognized certificates.

Mechanical Cleaning; The painting process is pre:prepared by cleaning the remaining burrs and sharp corners of the material after the welding process. Sandblasting is done to clean the rust, oil, and dirt on the surface.

Paint; The appropriate paint procedure is applied in special RAL codes and desired micron thickness values in line with the customer's request in our paint shop, which has been designed in accordance with the principles of ventilation, filter, and heat standards, occupational health, and safety fundamentals. We provide services with our personnel with international certificates in our paint shop.

Shipping and On-Site Assembly

Similar to all materials that are supplied ready for use in projects, we transfer the contract products to the assembly area after quality control at the entrance. We prefer companies whose quality has been audited and proven in terms of the use of consumable Too as much as bolts and flanges.



Our Occupational **Safety Policy**

Our main principle is to analyze and eliminate all the risks related to occupational health and safety in all the projects we operate. For this purpose, we guarantee to eliminate the hazards and protect the safety and health of both our employees and people who may be affected by our activities. We take necessary precautions and ensure safety in the works we take part in through giving necessary training and precision to our employees by considering occupational safety at the highest level. We are careful to work in a safe way by considering the safety and health of our employees and the people around us.





Our **Quality** Policy

To comply with the laws, regulations, and standards that are in force in all areas we operate and to transform logic into a lifestyle, to carry out training and corrections in this regard. To manufacture in a way to reach perfection by considering the health of the work and workers in reliable environments.

To evaluate possible customer complaints and requests by examining them in detail, to keep customer satisfaction at the highest level. With transparency brought by this synergy, we evaluate and plan to implement all projects that will increase personal performance and thus increase productivity without causing loss of work and time, within the framework of both the convenience provided by technology in our production area and our field of activity and in the office environment.

Quality Policy of SFM is available as a written document in order to clearly communicate the responsibilities and authorities of the management to all employees and to ensure that it is easily accessible. All employees are trained on the SFM Quality Policy and are encouraged to implement these principles to maintain and develop the system and to provide their contributions and support.



Our Human Resources Policy



To acquire a qualified labor force in line with our company's goals and strategies. To create an effective and motivated organization by ensuring employee satisfaction through human resources practices. To support personal development with continuous education. To encourage company culture to be experienced by all employees. To increase the loyalty of the employees to the institution.



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Our Enviroment Policy

We provide conscious and encouraged to both our employees, our social shareholder and our suppliers in order to develop and increase the environmental awareness the society. We work in an environmentally friendly manner in all our activities to provide a good future for new generations without harming the ecological balance in any way. In our manufacturing and all other works, we use recyclable materials that do not harm nature and the environment, taking into account both the product life and the life cycle.

In accordance with our environmental policy, we develop a sense of common responsibility by providing our employees with the necessary training. For this purpose, we enable them to play an active role in environmentally sensitive projects. We fulfil legal obligations by complying with the environment and OHS legislation in force. Similarly, we give life to rational and innovative projects without compromising our quality and environmental policy by observing the conditions of various organizations of which we are members.



We Produce
Pedestals
for Engineering

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