



SESSİZMAKİNE

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CORPORATE

Since the day we were founded, we have been and continue to be the solution to the most important supply problems of our customers with our employees from different disciplines. On this path we walk together with a competent, expert and young team; With the understanding of quality, responsibility and sustainable production, we produce the most sensitive and original parts with great care.

Our corporate identity consists of principles based on the triad of people, values and responsibility. Our Purpose and Mission; is to produce original parts for the defense and aerospace industry with expertise, precision and professional engineering understanding.

The solutions we offer help our customers produce the right products at the right time and act accordingly in the formation of challenging products.

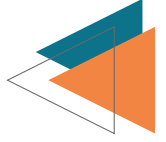
VISION

To be a sought-after, preferred, exemplary and respected manufacturer of all defense industry organizations with a local and national, flexible, fast, customer-oriented approach, learning organization and original designs.

MISSION

To produce products with a domestic and national approach that can provide high added value in the field of defense industry and to serve the studies in the R&D projects of these products.





MACHINING



CNC machining is used to process many different materials, for example, it is widely used for machining materials such as metal, plastic, wood. In this process, the workpiece is brought into a certain shape or size with cutting tools.

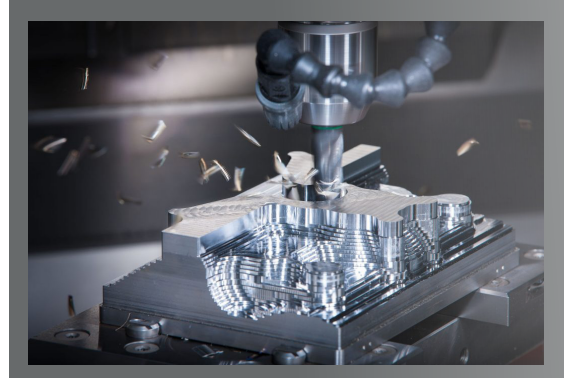
CNC machines provide precise control of cutting tools and can perform many different machining functions.

The advantages of CNC machining include high precision, repeatability, ability to machine complex geometries, efficiency and reduction in workpiece production times. This process has a wide range of applications in industrial production and in many sectors.

CNC VERTICAL MACHINING

CNC vertical machining is a machining process in which CNC (Computer Numbered Control) machines are used. This machining method allows vertical cutting and shaping of the workpiece. It is generally used in milling operations and is preferred in many industrial applications.

In the CNC vertical machining process, a CNC milling machine is used. This machine cuts and shapes a workpiece with a high-speed rotating cutting tool. CNC vertical machining realizes precisely controllable cutting functions.





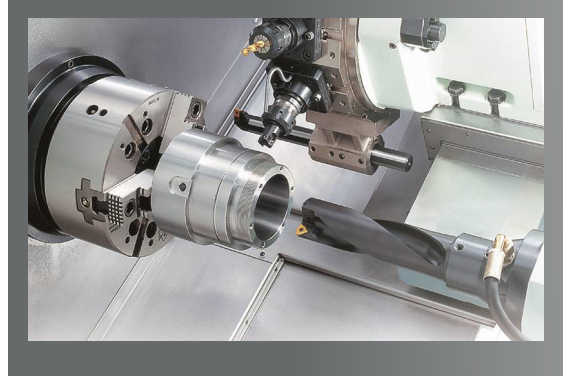
OUR SERVICES

CNC LATHE

CNC lathe is a machining method that works using CNC (Computer Numbered Control) technology. Turning is a process that enables the removal of excess material by turning a workpiece. CNC lathes machine by turning the workpiece and controlling the cutting tools.

The CNC turning process usually consists of these steps:

- Design
- Programming
- Preparation
- Manufacturing
- Control and Monitoring



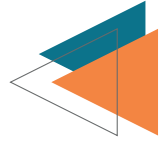
PRODUCTION



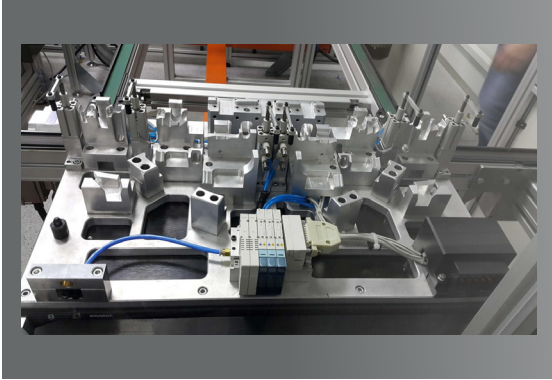
Machinery manufacturing is an activity that involves the manufacture and assembly of machine parts or components through a manufacturing process. In this process, a production process is carried out, starting from the design of a machine, and ending with material selection, processing, assembly and testing.

Machine manufacturing usually includes the following steps:

- Design
- Material Selection
- Assembly
- Testing and Quality Control



ASSEMBLY



Machine assembly is the process of assembling a machine or machine components through a manufacturing process to create a finished machine. In this process, the finished machine parts are assembled in accordance with the assembly procedures and fixed to each other using the necessary fasteners.

Machine assembly usually includes the following steps:

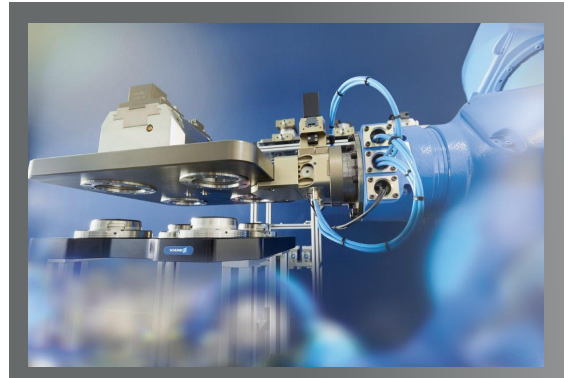
- Preparation of Parts
- Preparation of Assembly Procedure
- Assembling Parts
- Making Electrical and Electronic Connections
- Final Controls and Tests

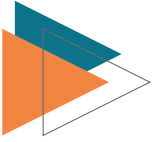
DESIGN R&D

Machine design R&D (Research and Development) process refers to the scientific and technical studies for a new machine or improvement of an existing machine. In this process, the design, features, performance and functionality of the machine are studied using engineering principles and innovative thinking.

The machine design R&D process usually includes the following steps:

- Needs Analysis
- Research
- Concept Development
- Design Detailing
- Simulation and Analysis
- Prototype Production
- Production and Tests





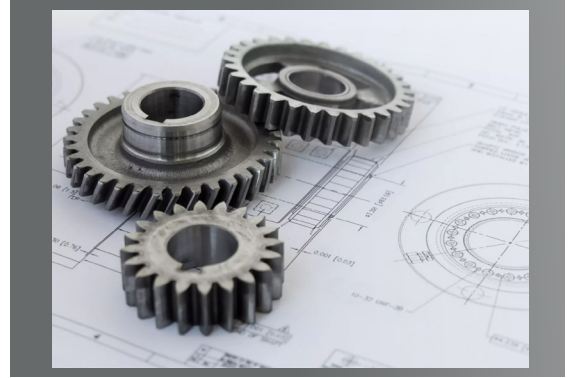
OUR SERVICES

ENGINEERING

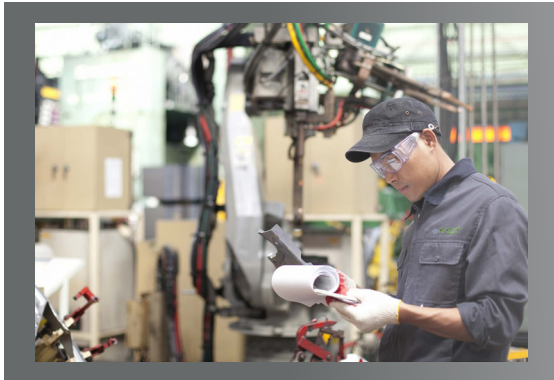
Mechanical engineering is the engineering discipline that deals with the design, analysis, manufacture and operation of machines. Mechanical engineers are professionals who specialize in areas such as energy conversion, mechanical power and control of motion, materials science, thermal sciences, fluid mechanics, automation and manufacturing technologies.

Mechanical engineering has a wide range of applications and deals with the design and development of machines used in many industrial sectors.

Mechanical engineering is a multidisciplinary field that requires skills to analyze, design, test, improve and manage complex problems.



QUALITY CONTROL



Machine quality control is a series of processes performed to verify the conformity of manufactured machines or machine parts to established quality standards. This process includes inspections during and after production using quality control methods and procedures.

Machine quality control may include the following elements:

- Measurement and Inspection
- Functional Tests
- Material Control
- Visual Inspection
- Document Control

Machine quality control aims to ensure that machines are produced in a safe, reliable and quality manner.



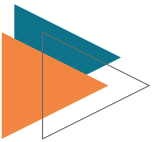
PROJECT MANAGEMENT



Machine project management is a discipline that provides effective management of processes such as the design, production and installation of machines. Machine project management includes methods used to set goals, plan resources, manage risks and complete the project successfully in complex projects.

Machine project management may include the following basic steps:

- Project concept and planning
- Design and engineering
- Procurement and logistics
- Manufacturing and assembly
- Project management and control
- Project completion and commissioning



SECTORS



MACHINE SPARE PARTS

AUTOMOTIVE



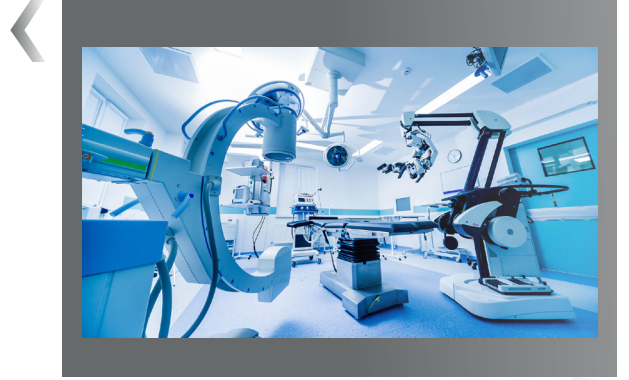


SECTORS



➤ DEFENSE

MEDICAL



➤ AVIATION & SPACE



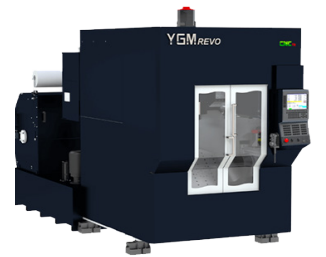
BRAND/ VERSION	ETASIS VL 1300
YEAR OF PRODUCTION	2021
AXIS SIZE	1300 x 700 x 710
RPM	10000
VARIETY	3 AXIS

BRAND/ VERSION	ETASIS VL 1200
YEAR OF PRODUCTION	2022
AXIS SIZE	1200 x 600 x 610
RPM	10000
VARIETY	3 AXIS



BRAND/ VERSION	ETASIS VL 1000
YEAR OF PRODUCTION	2021
AXIS SIZE	1020 x 510 x 560
RPM	12000
VARIETY	4 AXIS

BRAND/ VERSION	YGM REVO
YEAR OF PRODUCTION	2023
AXIS SIZE	700 x 500 x 400
RPM	16000
VARIETY	5 AXIS



BRAND/ VERSION	WELE AQ 1265
YEAR OF PRODUCTION	2008
AXIS SIZE	1265 x 600 x 500
RPM	12000
VARIETY	3 AXIS



DOCUMENTS

ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATE



OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM CERTIFICATE



QUALITY MANAGEMENT SYSTEM CERTIFICATE



SUPPLIER CERTIFICATE





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