

# ABOUT US



## Mission

MecMot, founded with the principle of offering world-class solutions to its customers by utilizing the latest technologies, has quickly created value in its sector and succeeded in becoming one of the leading companies.

Starting operations in 2017 in a 25 m<sup>2</sup> design office, MecMot today supplies products to many countries around the world with its highly specialized team of over 30 employees, high production capacity, and extensive stock infrastructure.

Having proven itself in design and production, MecMot also provides custom product manufacturing in line with customer requests and needs, adhering to high-quality standards.

**"Productivity is never the result of chance. It is always the result of a commitment to excellence, intelligent planning, and focused effort."**

Paul J. Meyer

## Vision

Driven by success, MecMot has become an approved supplier in challenging sectors such as defense and aerospace, thanks to its design and R&D strength. This is due to MecMot's ability to stay in close contact with its customers during R&D processes, accurately understanding industry needs and producing effective solutions.

Being an adaptable and ever-evolving business partner is one of its core mottos.

Since its inception, MecMot has received positive feedback from its partners in areas such as design support, fast delivery, and after-sales service, making MecMot products a preferred choice without hesitation.

**20+**

Selling to Different Country

**3000+**

Customer

**2000+**

Successful Project

# AREAS OF USE



## Iron and Steel Industry

Our products can be used safely in sheet metal processing plants, packaging lines, slitting processes and rolling mills exposed to high temperatures and mechanical stresses.

## Havacılık

Our products play a critical role in the precise positioning of platforms used in the maintenance, repair and assembly processes of aircraft in the aviation industry.



## Sheet Metal Working Machines

Our products increase performance in roll forming machines, sheet metal bending and other metal working machines thanks to auto-blocking and synchronous operation.



## Automation Systems

Our products are used in places where robot arms, which are widely used in today's technology, change direction.

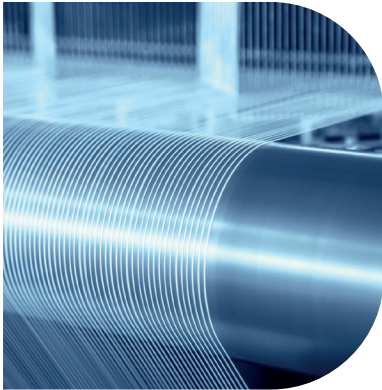
## Concrete Block Machines

Our products are used at various stages in the production of paving stones, the production of blocks used in horizontal storage systems and in machines used in concrete casting processes.



## Agricultural Machinery

Our direction changers are used in the PTO shaft section of agricultural machinery.



### **Textile Machinery**

You can come across our products in many parts of the machines used in the processing, cutting and washing of fabrics in the textile industry.



### **Glass Processing Machines**

Our products are used for the compression process in machines that allow the glass to be combined without coming into contact with air in the production of double glazing.

### **Woodworking Machinery**

Our products are used in the compression mechanisms of machines used in the processing of large volume logs.



### **Packaging Machines**

It is used in the connection of the belt conveyor system on the packaging machines.



### **Stage Platforms**

Our products are used in mechanisms that move platforms on stage up and down.

# OUR PRODUCTS



## Trapezoidal Spindle Screw Jack

It provides long-lasting solutions in applications such as lifting loads and creating pressure by converting circular motion into linear motion.

Shaft-moving and Nut-moving screw jacks provide product alternatives in every application with 10 different models from 5 kN to 1000 kN.



## Screw Jack with Screw Shaft

They are specially produced screw jacks that offer long-lasting solutions with a faster working principle compared to trapezoidal shaft jacks, which we call ball screws.

## Shaft Input Direction Changer

MD type direction changers provide the transmission of the movement received from the engine by turning it 90 degrees with the helical bevel gear system. It has high torque transmission capacity in small body sizes with its gears hardened with heat treatment and grinded profiles.

It provides easy assembly thanks to its body with all surfaces processed. It provides the opportunity to work in the torque range from 10 Nm to 2000 Nm with 6 different body structures.



## Motor Flange Direction Changer

These are our series produced to connect AC & DC motors of different sizes and types, which may vary depending on the area and shape of use, to our products, which are used in the connection of direction changers.



## DC Motor Linear Actuator

Our DC motor actuators, which provide the advantage of use in mobile applications with 12v and 24v motor alternatives, can produce power between 6000 N and 50,000 N.



## AC Motor Linear Actuator

It is an electromechanical device that provides a linear movement, as opposed to the rotational movement of the applied electric motor.

The linear actuator converts loads of up to 35 tons into a linear movement such as pushing, pulling, lifting or positioning. The use of an electric system provides a number of benefits compared to hydraulic and pneumatic systems, as it is suitable for many applications in different industrial areas.



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Mecmot Linear Machine Systems

