

ZEN
MEKANİZMA

CATALOGUE 2025

ZENMEKANIZMA.COM



Industrial **Aesthetics**, Functional **Strength**

Zen Mechanism, offers highly durable, functionally and aesthetically optimized accessory solutions for the furniture industry. In our product development process, material quality, ergonomics, and product longevity are among our core criteria. Each mechanism is meticulously designed using engineering principles to adapt to various furniture designs. Thanks to our customer-oriented production approach, we provide flexible and reliable solutions for both standard and custom projects, ensuring a sustainable competitive advantage in the industry.





ZEN MECHANISM

▶ Purpose of Establishment

Zen Mekanizma was founded with the goal of producing innovative, aesthetic, and functional accessories for the furniture industry.

As Zen Mekanizma, we provide mechanism solutions that increase production efficiency, facilitate assembly, and enhance user experience.

Through our R&D and design-oriented work, we create adaptable solutions aligned with evolving demands and modern-day expectations.

▶ Production Location

The company carries out its production activities in Pendik, one of Istanbul's rapidly developing industrial zones.

▶ Mission

Closely following industry dynamics, the company aims to develop user-friendly, durable, and long-lasting products by combining design and engineering capabilities.

With a customer satisfaction-focused approach, an emphasis on quality, and a flexible production model, Zen Mekanizma strives to stand out in the sector.

▶ Vision

At Zen Mekanizma, we aim to become not only a trusted brand in the local market but also a preferred name on a global scale in the field of furniture mechanisms.

By merging our innovative engineering mindset with quality and aesthetics, we aspire to lead the industry.

With a foundation built on sustainable production, advanced technology, and customer satisfaction, we are designing the mechanisms of the future—today.

▶ R&D and Design

Zen Mekanizma provides mechanism solutions that enhance production efficiency, simplify assembly, and improve the user experience.

With its R&D and design-oriented approach, the company develops solutions that respond quickly to changing needs and align with the demands of the modern age.



Back Movement Mechanism

Weld-Free Strength, Seamless Comfort

The Back Movement adjustment mechanism

is a functional system designed to enhance user comfort by allowing the back or armrest sections of sofas and armchairs to move forward and backward. This system enables users to personalize their seating position, offering both aesthetic and ergonomic advantages.

Zen Mekanizma's Back Movement Mechanism

stands out with its weld-free construction, a rare innovation in the industry. While traditional welded mechanisms may suffer from deformation or breakage over time, this design ensures greater durability and a longer product lifespan. The weld-free structure offers superior safety and quality, setting a new standard in the market.

Specifications:

- Material: Weld-free, high-carbon steel
- Assembly: Simple and fast installation
- Surface Finish: Electrostatic powder coating
- Dimensions: 330mm between mounting brackets x 220mm height (33cm x 22cm)

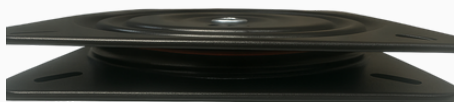


360° Movement

The Turntable Mechanism, enhances your furniture with 360° rotation capability, increasing both comfort and functionality. Its compact 26x26 cm design saves space while adding to the aesthetic appeal. With its silent, smooth, and durable rotation, it combines elegance with long-lasting performance—making it a perfect solution for modern interiors.



High Durability



Turntable Mechanism

Equipped with hardened ball bearings, this mechanism provides full 360° rotation, enhancing the mobility and comfort of your furniture. The electrostatic powder-coated surface offers superior resistance to impact, scratches, and corrosion—ensuring long-lasting durability.

Technical Specifications

- **Dimensions:** Standard 26×26 cm
- **Rotation System:** 360° full rotation
- **Surface Coating:** Electrostatic powder paint for high durability
- **Material:** High-carbon steel

Areas of Use

- **TV recliners**
- Office chairs
- **Coffee tables**
- Dining table rotating platforms
- **Cabinet interior mechanisms**

CSS SERIES

Hidden Technology, Visible Comfort



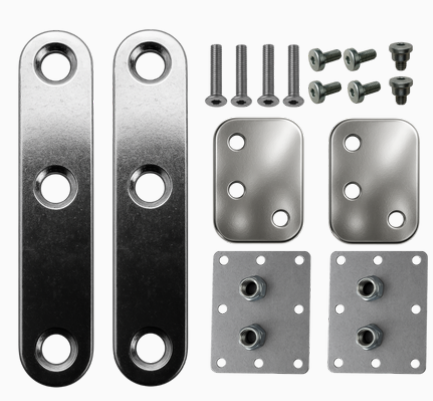
CSS 4

Functional Design,
Robust Structure



CSS LUXE

Elegant Details,
Premium Comfort



CSS ECO

Economical Solution,
Efficient Function

The CSS series mechanisms are designed to expand the seating area of sofas and armchairs. By reclining the backrest, this system increases seat depth, enhancing comfort while offering versatile use for the user.



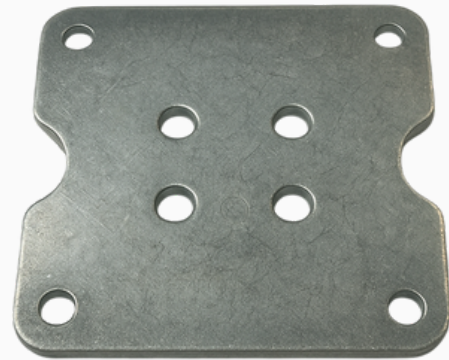
Joint Corner

Hidden Design, Strong Connection

Developed to securely connect sectional sofas, this adjustable bracket fits a wide range of sofa types. Thanks to its concealed installation system, it remains invisible, preserving the aesthetic integrity of the furniture. With its sturdy and practical design, it offers a durable and seamless user experience.

Leg Mounting Plate

The Key to a Secure Connection



Specially designed for furniture manufacturers, the foot connector plate enables firm and balanced attachment of legs to the furniture body. Produced in our own facility from cold-rolled galvanized steel, this part stands out with its high durability, corrosion resistance, and long service life.



Sofa Connector

Simple Part, Big Impact

Manufactured from high-strength galvanized steel, our clamp bracket is engineered to securely fasten hinges, rails, and movable systems to the furniture frame. Its durable structure ensures long-lasting, trouble-free use.



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