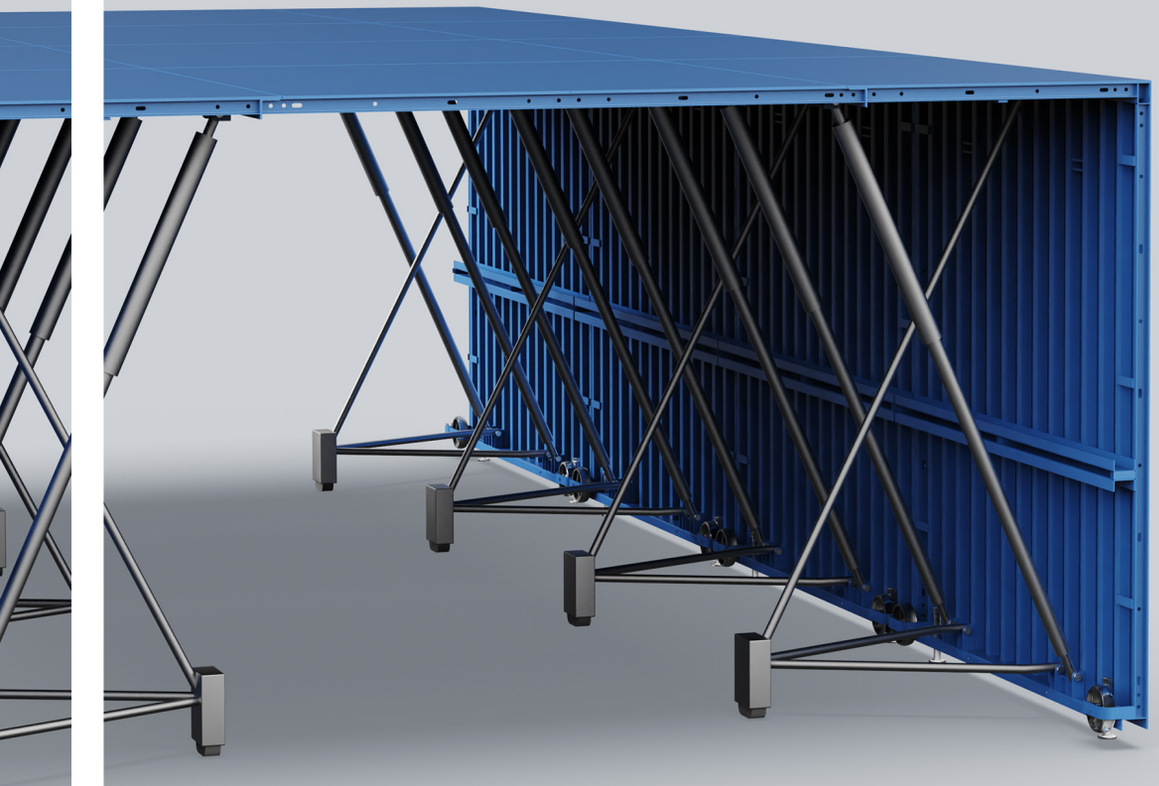
Tunnel Formwork Systems

Tünel Kalıp Sistemleri



GÖZÜTOK

Based on experience

TUNNEL FORMWORK
Systems

The Future of Architecture

Is Now Shaping More Easily.

The construction industry is rapidly evolving, and one of the most remarkable aspects of this change is the increasing significance of tunnel formwork systems.

These systems are making it easier for architects and engineers to bring their imagination to reality. Innovative tunnel formwork solutions allow for more freedom and creativity in building design. The architecture of the future is taking shape with more complex and unique designs, and tunnel formwork systems are at the forefront of this transformation.

Tunnel formwork systems enable construction projects to be completed faster, more economically, and in an environmentally friendly manner. These systems offer significant advantages over traditional formwork methods. Factors such as reduced material usage, cost savings in labor, and energy efficiency are turning tunnel formwork systems into an indispensable element for the architecture of the future.

Vision.

We envision shaping the future of the construction industry. Our aim is to lead the sector by providing groundbreaking and sustainable formwork solutions for future construction projects. We strive to create a future filled with innovation, quality, and efficiency. Our goal is to make the construction industry more sustainable by offering our customers environmentally friendly solutions.

Mission.

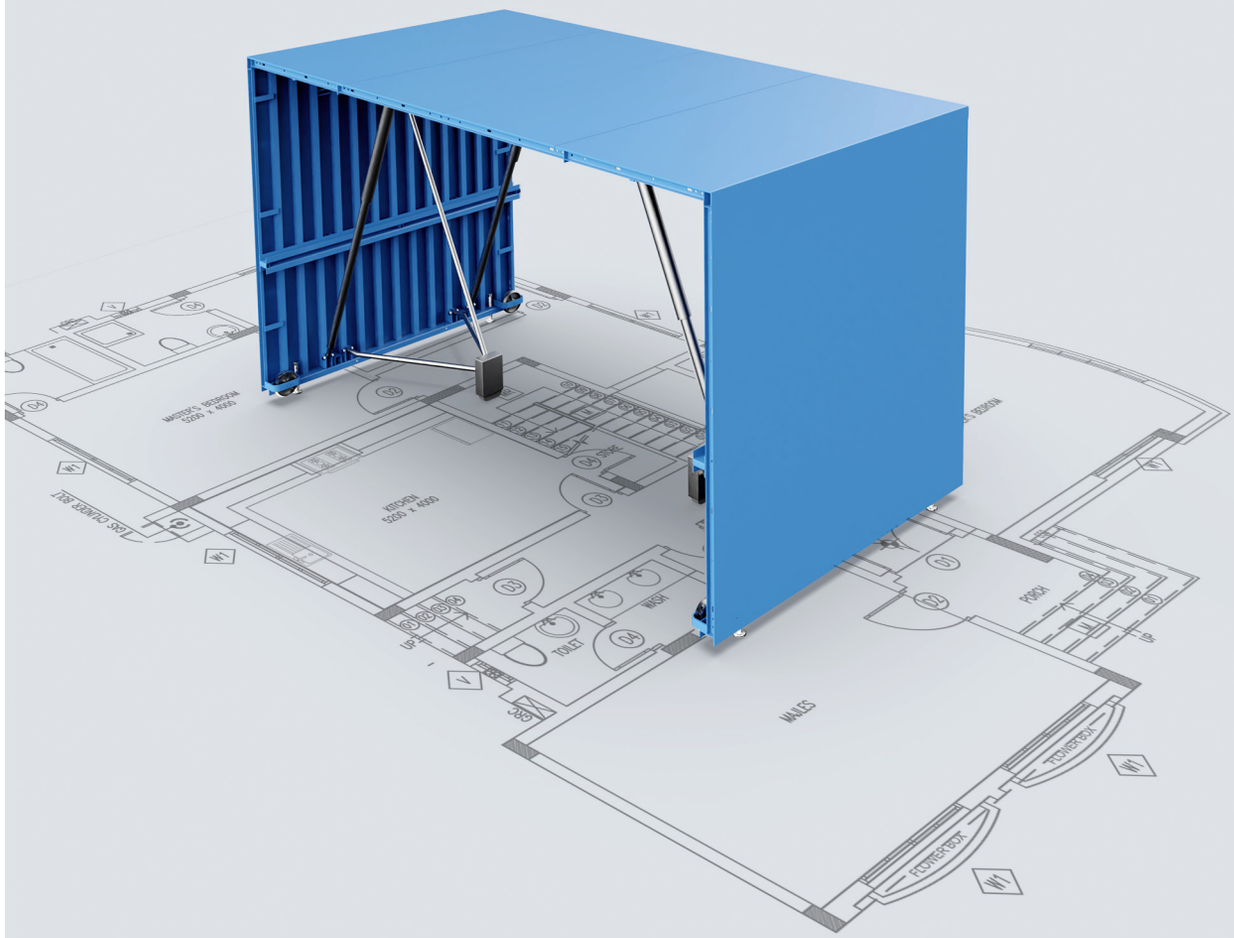
We provide reliable and innovative tunnel formwork solutions that exceed our customers' expectations. Constantly striving to maximize customer satisfaction, we work towards enhancing quality and efficiency. Our focus lies in sustainable production and business practices to minimize environmental impact.

What is Tunnel Formwork?

Tunnel Formwork, commonly used in the construction industry, is a method for shaping building materials. This particular formwork system finds frequent use, especially in the construction of large and complex structures. It simplifies the molding and shaping of reinforced concrete building elements such as walls, columns, slabs, and other structural components.

Comprising durable metal panels, the Tunnel Formwork system can be customized to meet the specific requirements of a project. These systems are designed to expedite the construction process and reduce labor costs. Tunnel Formwork is widely employed in large-scale building projects, particularly in the construction of multi-story structures.

Tunnel Formwork systems not only enhance efficiency in the construction sector but also meet high standards of quality and safety. Consequently, there is an increasing demand for these systems in modern construction projects. They contribute significantly to the swift and smooth construction of large and intricate buildings, thereby making a substantial contribution to the development of the construction industry.



Advantages.

Tunnel Formwork Systems

Tunnel Formwork Systems offer several significant advantages in the construction sector. These systems provide economical, high-quality, feasible, and modular solutions, ensuring swift and efficient project progress.

Speed Tunnel formwork systems offer one of the most effective means of accelerating construction projects. Their modular designs and easy assembly enable rapid formwork, significantly reducing project completion time.

Economy These systems not only reduce labor costs but also save materials. As they require less formwork material, substantial savings are achieved in the construction budget.

Quality Tunnel formwork systems contribute to creating structures that adhere to high-quality standards. Precisely molded structural elements enhance the project's durability and aesthetics.

Applicability These systems can be easily applied to different projects. Their customizable designs adapt to various types and sizes of structures.

Modularity Due to their modular nature, these systems can be customized to meet project needs. They can be easily disassembled and reused in other projects, a significant advantage for sustainability.

With one mold, up to 500 pourings can be carried out in a project.

They can easily adapt to similar projects by adding new molds and repairing old molds at a low cost.

These systems require fewer skilled supervisors and assistants, leading to significant savings in labor costs.

As tunnel formwork significantly speeds up the construction process, the financing cost of construction capital decreases considerably compared to traditional systems.

When formwork is no longer in use or reaches the end of its lifespan, it still holds resale value, maintaining an economic worth.

Product Ergonomics.

Ease and Speed

Tunnel formwork systems provide great convenience to construction professionals due to their user-friendly designs. Their modular structures allow for swift and seamless assembly.

This feature assists construction teams in completing their projects more swiftly and efficiently. Ease of use also reduces labor costs because even teams with less experience can effectively utilize these systems. This enhances efficiency in the construction process, enabling less-trained personnel to contribute productively.

Increase Efficiency.

Tunnel formwork systems adhere to ergonomic design principles, ensuring that workers can perform their tasks more comfortably and safely. Particularly in the construction of high-rise buildings, these systems offer ergonomic platforms and safety measures to enable workers to operate at heights securely. This not only preserves the health and safety of the workers but also enhances work productivity.

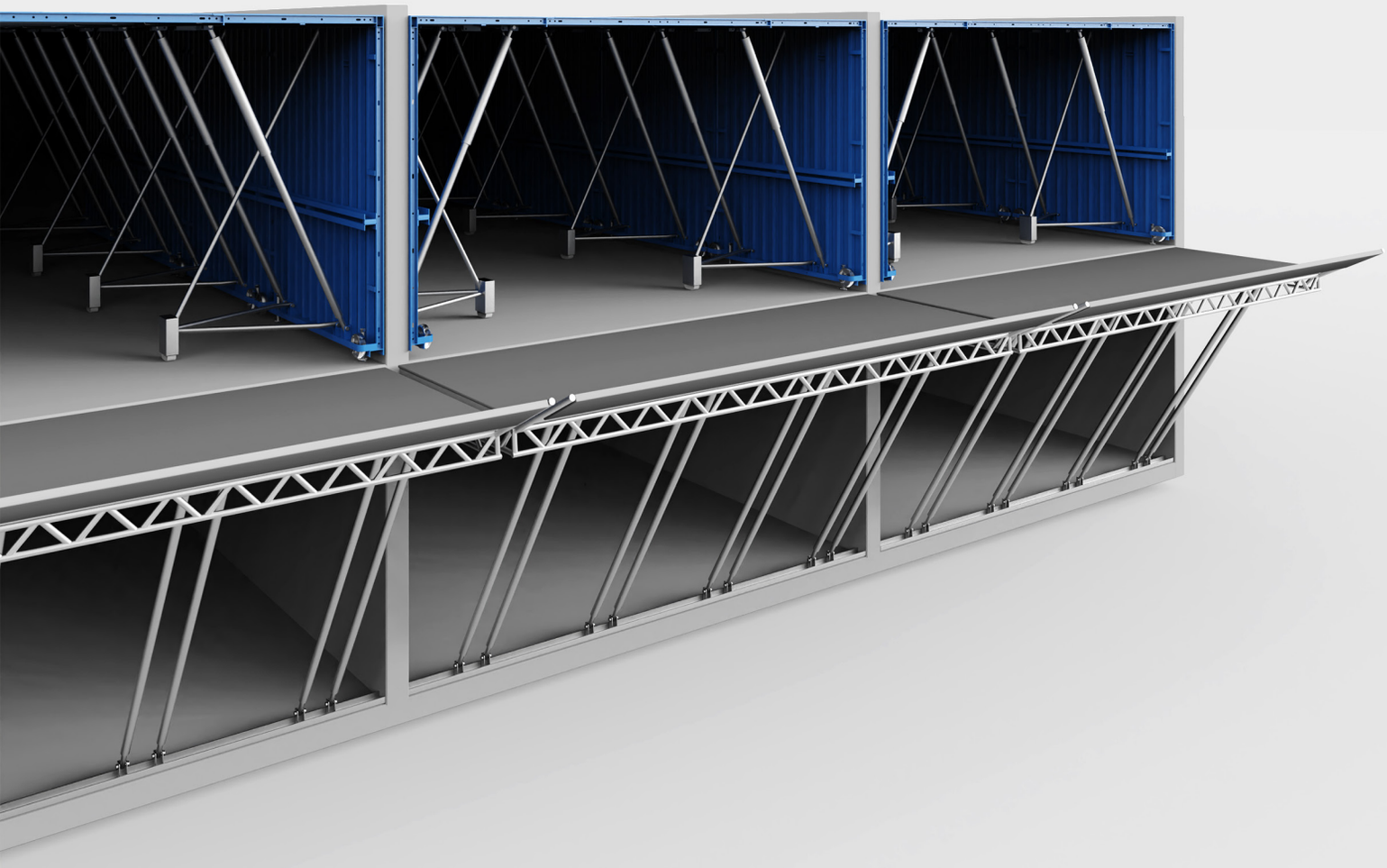
Faster Operations.

Tunnel formwork systems present an effective means of accelerating construction projects. Their modular structure allows for quicker formwork, thereby shortening the project completion time. Rapid formwork solutions enable contractors to finish more projects in a shorter period, resulting in cost savings and a competitive edge.

Wide Range of
Applications.

Tunnel formwork systems offer an extensive range of applications in the construction industry and are designed to be used in various projects. These flexible and efficient systems can cater to diverse construction needs.

Irrespective of the project's size or complexity, tunnel formwork systems provide a broad spectrum of usage. Their user-friendly design, rapid assembly, and flexible customization options make them ideal for numerous applications within the construction sector. Consequently, tunnel formwork systems have become an indispensable component of modern construction projects.



Fast Assembly in
All Building Constructions.

Tunnel formwork systems are ideal for molding concrete structural elements such as walls, columns, and slabs in high-rise buildings. These systems expedite the construction of tall skyscrapers by offering rapid assembly and formwork solutions.

High Efficiency in
Tunnel Constructions.

As the name suggests, tunnel formwork systems are commonly used in tunnel constructions. They are utilized in projects like underground passages, metro lines, and water tunnels to shape and support the interiors of tunnels.

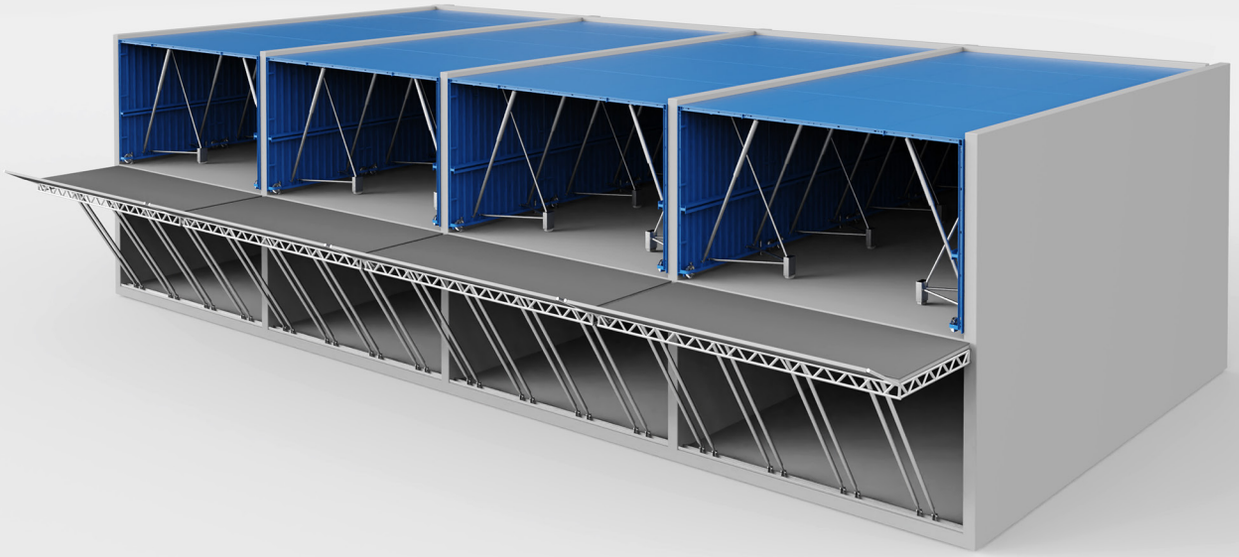
Durability in
Bridge and Viaduct Constructions.

Large-scale bridges and viaducts possess intricate concrete structures. Tunnel formwork systems aid in the construction of such projects, facilitating their assembly and bolstering their durability.

High Construction Potential in
Dam and Infrastructure Projects.

Tunnel formwork systems are employed in water storage projects, particularly for molding and constructing large concrete components such as dam bodies and drainage structures.

Road constructions, ports, airports, and various other infrastructure projects efficiently utilize tunnel formwork systems in their formwork and construction processes.



Types of Molds

Tunnel Formwork Systems

Tunnel Formwork
Hand Portable Multi-Purpose Wall Forms
Parapet Forms
Precast Concrete Element Molds
Landing and Staircase Forms

External Facade Molds

Crane Movable Climbing Forms
Hand Portable Multi-Purpose Forms

Column Forms

Angular Forms (Adjustable Section Dimensions)
Circular and Elliptical Forms

Bridge Beam Forms

Pretensioned Bridge Beam Forms