ALLMARC®

Leading Infrastructure Innovation

WORLDWIDE

MAKE IN INDIA

TÜV NORD Certified Company

ISO 9001 : 2015

ISO 45001 : 2018

CE EN 1090

CII

MSME सूक्ष्म, लघु एवं मध्यम उद्यम MICRO, SMALL & MEDIUM ENTERPRISES

GCCI

EEPC INDIA ENGINEERING THE FUTURE

Allmarc Industries Private Limited

allmarcindia.com

Infra & Building Formwork
Precision Molding for Structural Excellence

Shoring & Scaffolding
Secure Support for Elevated Construction

Safety Access System
Ensure Worker Safety at all Heights

Customised Fabrication
Tailored Solutions for Unique Requirements

Disclaimer

Allmarc Industries Private Limited's policy is one of continuous improvement, and we reserve the right to change, alter, or modify any detail, design, weight, dimension, or code of our products without prior notice being given. This brochure includes renders, actual product images, and stock images for informational purposes only. We do not guarantee the accuracy or completeness of the information presented herein. Readers are encouraged to contact our team for specific product specifications and additional details. Misuse of the information, images, or renders contained in this brochure is strictly restricted and may result in legal consequences as governed by applicable laws. For precise product information and any other inquiries, please reach out to Allmarc team on info@allmarcindia.com.

Your Trusted Partner in Infrastructure Development

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Allmarc's infrastructure, skilled workforce, and cutting-edge technology empower us to deliver innovative solutions to intricate challenges of any scale or complexity.

Message from Allmarc Leadership

Together, we build the future.

Every great partnership begins as a shared vision. With your dedication and support, together, we've transformed ideas into the reality of Allmarc Industries.

Ganesh Gohil
Founder & Managing Director

Kaushal Gohil
Director

Parzan Kavina
Director

At Allmarc, we take immense pride in our role as an industry leader in India, dedicated to manufacturing and exporting products that serve the industrial, construction, and infrastructure sectors worldwide. Our global reach extends across continents, offering comprehensive end-to-end solutions, from design to erection, tailored to meet the unique requirements of each project.

Based in India, we maintain a robust local presence with a team of over 400 dedicated professionals working within our expansive 3,50,000 square-foot facility. While our journey began over a decade ago, our core approach is still rooted in providing the right product, at the right time, and at the right price. We continuously invest in learning and understanding our clients' evolving requirements, enhancing our production capabilities with state-of-the-art machinery.

We've had the privilege of contributing to some of India's most iconic projects, including the New Parliament House, Narendra Modi Stadium, Ahmedabad Mumbai Bullet Train Project, Pune Metro, Chennai Metro, Bangalore Airport, Navi Mumbai Airport, Dhubri Bridge, among others. Our presence extends beyond India, with projects in Africa, America, Europe, and the Middle East, enriching our global portfolio.

Our team is prepared to acquaint you with our company and assist with any inquiries, regardless of project scale, size, or complexity. If you have specialized needs that require research and development, we invite you to visit our factory or connect with us at industry trade fairs. We are committed to nurturing long-term, reliable partnerships that drive success. Allmarc recently achieved a significant milestone, surpassing a turnover of ₹1.8 billion. This financial accomplishment reflects our commitment to excellence and the trust our clients place in us.

400+	Employees
350k+	Sq. ft. Plant
300+	Trusted Clients
100+	Product Range

Redefining Construction Excellence

Allmarc Industries is a global powerhouse that has undergone an incredible transformation, starting from a small 400 sq ft workshop in Ahmedabad, Gujarat, and growing into a massive 350,000 sq ft state-of-the-art manufacturing unit.

Founded in 2010, Allmarc Industries embarked on a remarkable journey with a small workshop in Ahmedabad, Gujarat.

From humble beginnings, we have grown into an established name in the industry, catering to the steel fabrication needs of prominent engineering and construction firms across the country.

With unwavering dedication and commitment to excellence, we have continuously expanded our capabilities, improved our processes, and embraced advanced technologies.

Today, we host a state-of-the-art facility equipped with the latest CNC machinery, robotic welding arms, and cutting-edge tools.

Allmarc Industries strives for global leadership in infrastructure innovation, rooted in commitment, passion, continuous improvement, and unwavering integrity

Vision, Mission and Core Values

Vision

Pioneering Infrastructure Innovation, Leading in Global Nation-Building

Our vision is to empower excellence and shape the future of our industry. We envision a world where cutting-edge technologies, innovative solutions, and unmatched craftsmanship combine to transform the landscape of formwork, scaffolding, and fabrication.

Mission

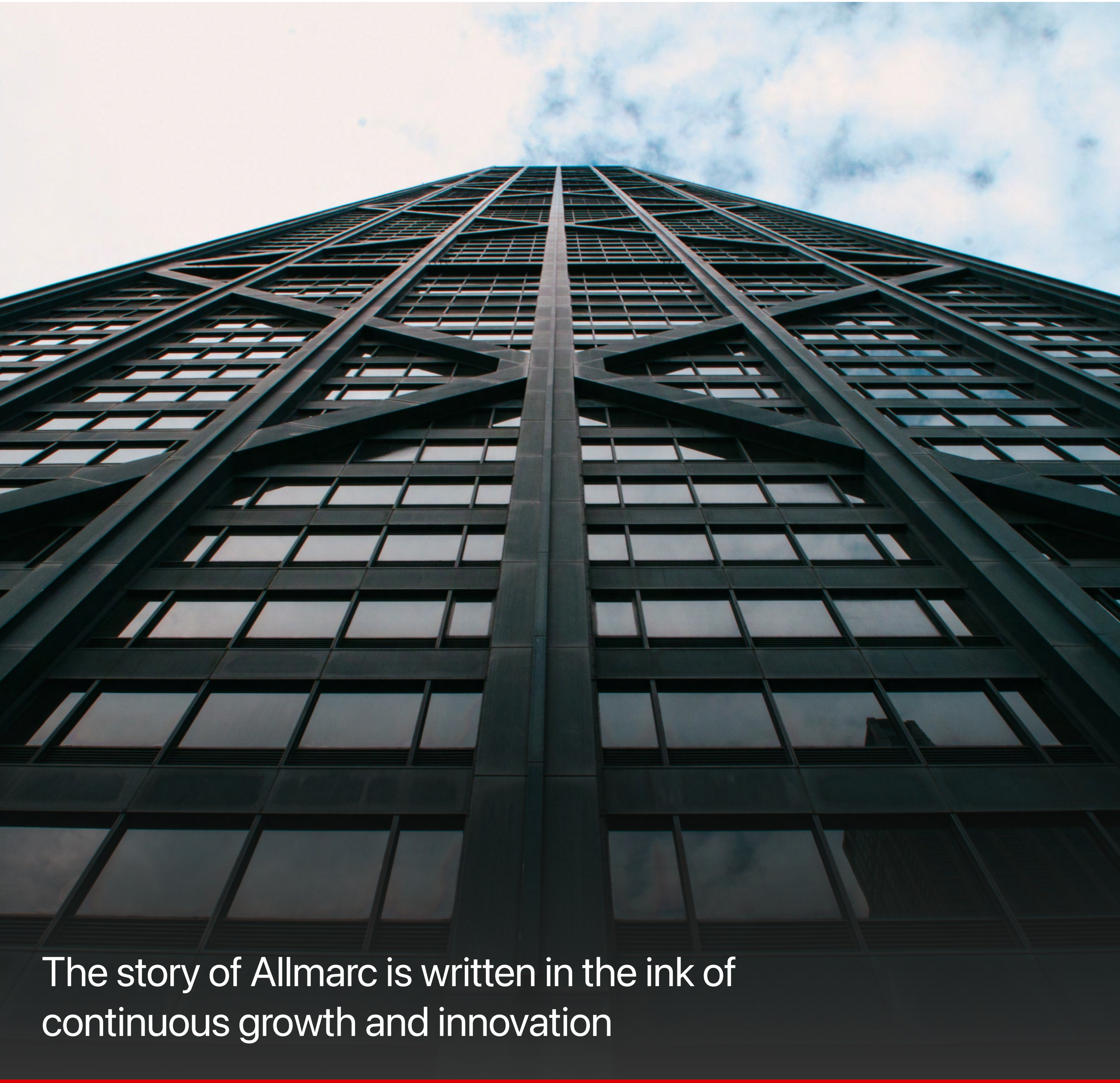
Catalyzing Innovation and Technology to Foster Global Partnerships.

Our mission is to drive innovation and deliver exceptional solutions to our clients by collaborating with them. By pushing boundaries, leveraging technology, and applying expertise, we aim to provide unparalleled products and services for the construction industry.

Core Values

The 8 Guiding Principles that defines Allmarc Industries.

- **Pursuing Growth**
  Committed to expansion, excellence, seizing opportunities, and relentless pursuit of success.
- **Passionate Excellence**
  Infusing enthusiasm, energy, dedication, and exceeding expectations in all endeavors.
- **Customer Centric**
  Prioritizing satisfaction, we tailor solutions, putting customers at the center of everything.
- **Integrity in Action**
  Upholding honesty, transparency, ethical practices in all interactions is our steadfast commitment.
- **Reliable Commitment**
  Keeping promises, fostering trust with clients, partners, and stakeholders is our pledge.
- **Team Collaboration**
  Embracing teamwork, open communication, respecting diverse perspectives.
- **Continuous Enhancement**
  Cultivating a culture of ongoing improvement and innovation in our pursuit of excellence.
- **Innovation Catalyst**
  Encouraging creativity, embracing new ideas and technologies for solutions.



The story of Allmarc is written in the ink of continuous growth and innovation

Growth at a Glance

Witness our remarkable transformation from humble beginnings to becoming an industry-leading manufacturing powerhouse.

2010

- Establishment of Allmarc Industries by Mr. Ganesh Gohil.
- Initiation of operations in a 400 sq. ft. facility with 4 employees, specializing in Customized Fabrication.
- First client engagement with Sacmi Engineering India Pvt Ltd.

2013

- Facility expansion to 6000 sq. ft. with a workforce of 20.
- Development of Scaffolding Walkway Planks for L&T.
- Attainment of ISO 9001:2008 TUV Nord Certification.

2015

- Enlargement of the factory to 10,000 sq. ft.
- Introduction of Diamond Grip (Grip Strut®) products.
- Diversification with a wide range of Scaffolding Planks.
- Commencement of Scaffolding Walkway Planks exports.

2016

- Acquisition of a CNC Air Plasma Machine.
- Workforce augmentation to 50 employees.
- Initiation of projects involving Platforms, Ladders, and Railings with Anti-Skid Diamond Grip.

2017

- Further factory expansion to 30,000 sq. ft.
- Development of an extensive range of Scaffolding Planks, Cuplock Systems, and Scaffolding Safety Accessories.
- Research and development leading to various sizes of Diamond Grip.
- Introduction of innovative products and systems.
- Patenting of the Grip Strut Anti-Skid Surface.

2018

- Procurement of Automatic SPM Welding machines and CNC Punching equipment (Trumpf).
- Production of the world's first 8000 mm long single-piece Diamond Grip without joints.
- Expansion of the dimension range up to 1000 mm in width and 8000 mm in length for Grip Strut.

2019

- Development of Heavy Duty Diamond Grip, Steel Flooring, and Transferable Walkway.
- Formation of a Joint Venture with Isko Strips PVt. Ltd.
- Transition from a proprietorship to a private limited firm.
- Introduction of the first Formworks Product: Steel Timber®.

2020

- Significant expansion to a 124,000 sq. ft. facility in Kanbha, Ahmedabad. with over 100 employees.
- Acquisition of Roll Forming Machines and Robotic Welding Arms.
- Application for BS EN 1090 and ISO 45001:2018 certifications.
- Rebranding as Allmarc Industries Pvt. Ltd.
- Boost in production capacity to 10,000 MTPA.
- Implementation of ABB robotic welding arms

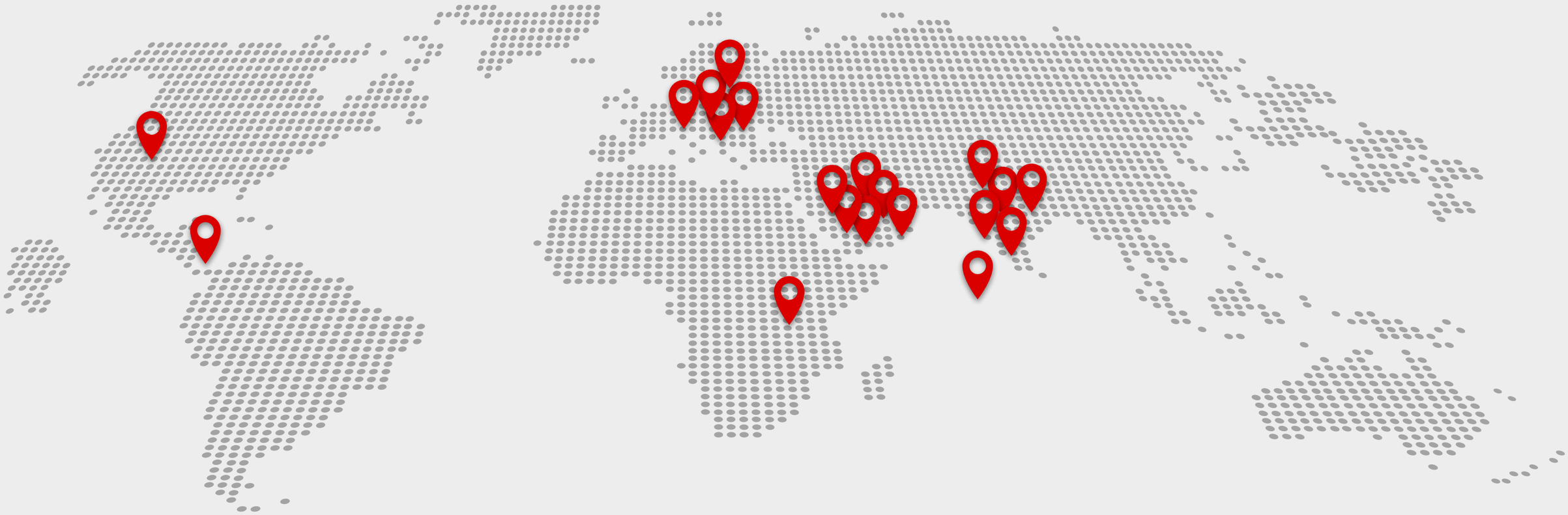
2023

- Team size expansion to over 400 members.
- Upgrade to a sprawling 350,000 sq. ft. manufacturing space.
- Launch of Mumbai Office
- Attained EN1090 Certification
- First time supply of Grip Strut™ to Indian Railways
- Initiation of EIL Approval Process
- Included Altrad in Expanding Client Portfolio
- Awarded PO for pre-casting of Noise Barriers & Cable Ducts for Bullet Train Project

From local roots to global reach,
Allmarc Industries is a global force in infrastructure solutions.

Clients across 20+ Countries

We are not bound by borders. Allmarc Industries has established a strong presence in over 20 countries across the globe.



MIDDLE EAST

Kee Safety LLC

Tiger Profiles & Insulations LLC

Kuwait Reliance Construction Materials

Emerald General Trading

AL Hajiry Trading LLC

Oman Drilling Mud Product Co. LLC

EUROPE

VanDoorn Container Parats nl

Keestrack

Bridges 2000

Liebherr

PT gerusteknik

NORTH AMERICA

Snorkel Lifts

SOUTH AMERICA

SG Scaffolding

ASIA

200+ Clients

We’re dedicated to delivering excellence, combining precision, durability, and aesthetics in construction & infrastructure.

State-of-the-Art Manufacturing Facility

Allmarc Infrastructure excels in precision-engineered solutions, distinguished by a 350,000 square feet state-of-the-art facility, versatile material capabilities, and diverse finishing options. The skilled workforce, including AWS Certified Welders, coupled with advanced machinery, from CNC Plasma Cutting to Robotic Welding, ensures exceptional quality.

Massive Facility Size

Our manufacturing prowess is showcased in our expansive facility, covering an impressive 350,000 square feet. This space is meticulously designed to handle large-scale fabrication projects, and we are continually expanding to meet the growing demands of our clientele.

Large Bay Size for Expansive Projects

The plant's expansive size, at 60m x 18m bays, facilitates seamless handling of large-scale projects. With ISO 9001:2015 and ISO 450001 certifications, Allmarc is dedicated to delivering excellence, combining precision, durability, and aesthetics in construction and infrastructure.

Cutting-Edge Machinery

We have a comprehensive array of cutting-edge machinery across various categories to meet the demands of precision engineering and fabrication:

- CNC Machines for Precision Cutting and Punching
- Power Presses for Shaping Strength
- Welding Machines for Expert Joining
- Robotic Welding for Efficiency through Automation
- Press Brake Machine for Precision Bending
- Cutting Machines for Shaping Materials with Accuracy
- Bending Machines for Precision Bending
- Drilling Machines for Precision Drilling
- Pipe Cutting Machine for Tailored Pipe Cutting
- Automated Welding for Streamlining Welding with Automation

End-to-End Solutions

From the conceptualization phase to on-site erection, Allmarc offers a comprehensive end-to-end solution. Our integrated approach ensures a seamless workflow, resulting in optimal outcomes for our clients.


DERATECH
ULTIMA


TruPunch 1000

Allmarc's Machinery & Equipments

Allmarc Industries Pvt Ltd boasts a comprehensive array of cutting-edge machinery across various categories to meet the demands of precision engineering and fabrication.

Each category of machinery plays a crucial role in Allmarc's manufacturing process, contributing to precision, efficiency, and versatility in delivering top-notch solutions for the construction and infrastructure industry.

CNC Machines for Precision Cutting and Punching

- CNC Plasma Cutting Machine - Messer Multitherm Pro 4000
- CNC Punching Machine - Trumpf Tru-Punch 1000
- CNC Tube Laser Cutting Machine
- CNC Shearing Machine

Power Presses for Shaping Strength

- Hydraulic Power Presses
- Mechanical Power Presses

Welding Machines for Expert Joining

- EWM Make (German) MIG Welding Technology
- Warp Make Welding Machines
- Colton Make Welding Machines

Robotic Welding for Efficiency through Automation

- Three-Phase ABB MIG Robotic Welding System

Press Brake Machine for Precision Bending

- 8-Meter Long CNC Press Brake - Deratech

Roll-forming Machine

- Essential for custom profiles and shapes

Cutting Machines for Accurate Materials Shaping

- CNC Air Plasma Cutting Machine with Oxy-Fuel

Bending Machines for Precision Bending

- CNC Bending Machine (Hindustan)
- Manual Bending Machines

Drilling Machines for Precision Drilling

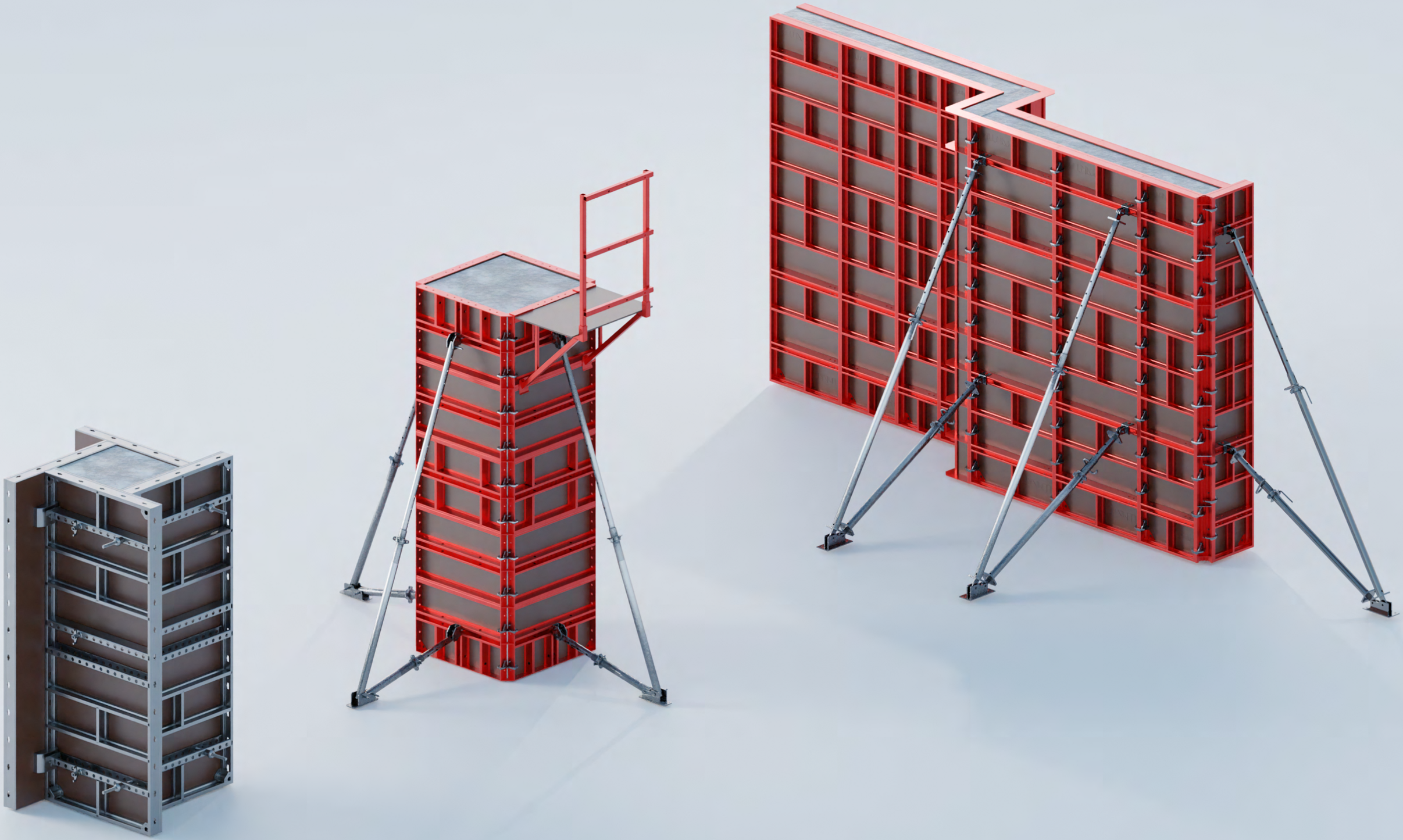
- Different Range of Drills with Drilling Stations

Pipe Cutting Machine for Tailored Pipe Cutting

- Custom Pipe Cutting Machine

Automated Welding for Streamlining Welding

- Automatic SPM (Special Purpose Machine) Welding Systems



Building Formwork

Experience precise and efficient concrete shaping with our top-quality formwork solutions. From traditional to advanced systems, we optimize efficiency, safety & cost-effectiveness in every project.

Allform Formwork System

Effortless construction with lightweight, easy-to-use aluminum formwork

Allfit Formwork System

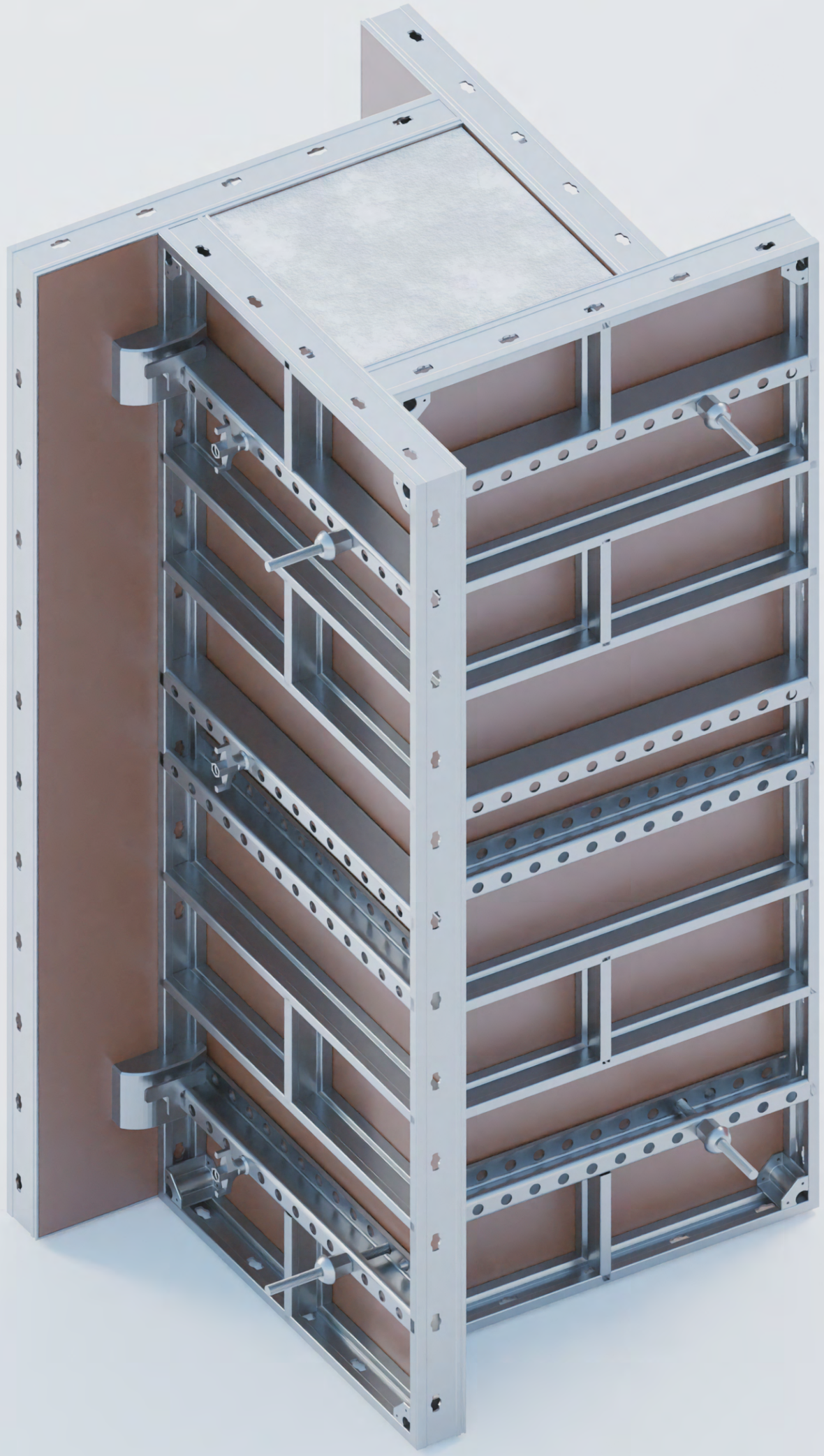
Easy-to-assemble modular steel formwork with roll-formed profiles for advanced projects.

Allforte Formwork System

High-capacity, easy-to-assemble modular steel formwork with roll-formed profiles for advanced projects.

Slab Formwork

High-capacity, easy-to-assemble modular steel formwork with roll-formed profiles for advanced projects.



Allform

Crafted from top-quality aluminum, the Allform Formwork system offers remarkable strength without sacrificing portability. This panel-based system is designed to accommodate a wide range of shapes, making construction more efficient and precise.

Aluminum Extruded Profiles

Precision-crafted with aluminum extruded profiles, featuring primary and stiffener profiles, ensuring strength and durability.

Easy Assembly

Key accessories and innovative designs simplify the assembly process, saving time and reducing labor costs.

Lightweight Design

With an average weight of just 22.5kg per square meter, Allform Formwork is impressively lightweight, making it easy to handle and transport during construction.

Premium Birch Plywood

Utilizes highly calibrated imported Birch Plywood with low moisture intake (15%) and a 120 GSM phenolic film for exceptional form finish and extended reusability.

Durable and Precise

Panels are engineered to withstand a maximum concrete pressure of 50 kN/m², adhering to strict IS CODES standards, ensuring structural integrity.

Tailored Precision

Versatile panel sizes, from 1.20m to 1.80m in height and 300mm to 900mm in width, provide precise solutions for custom concrete shapes.

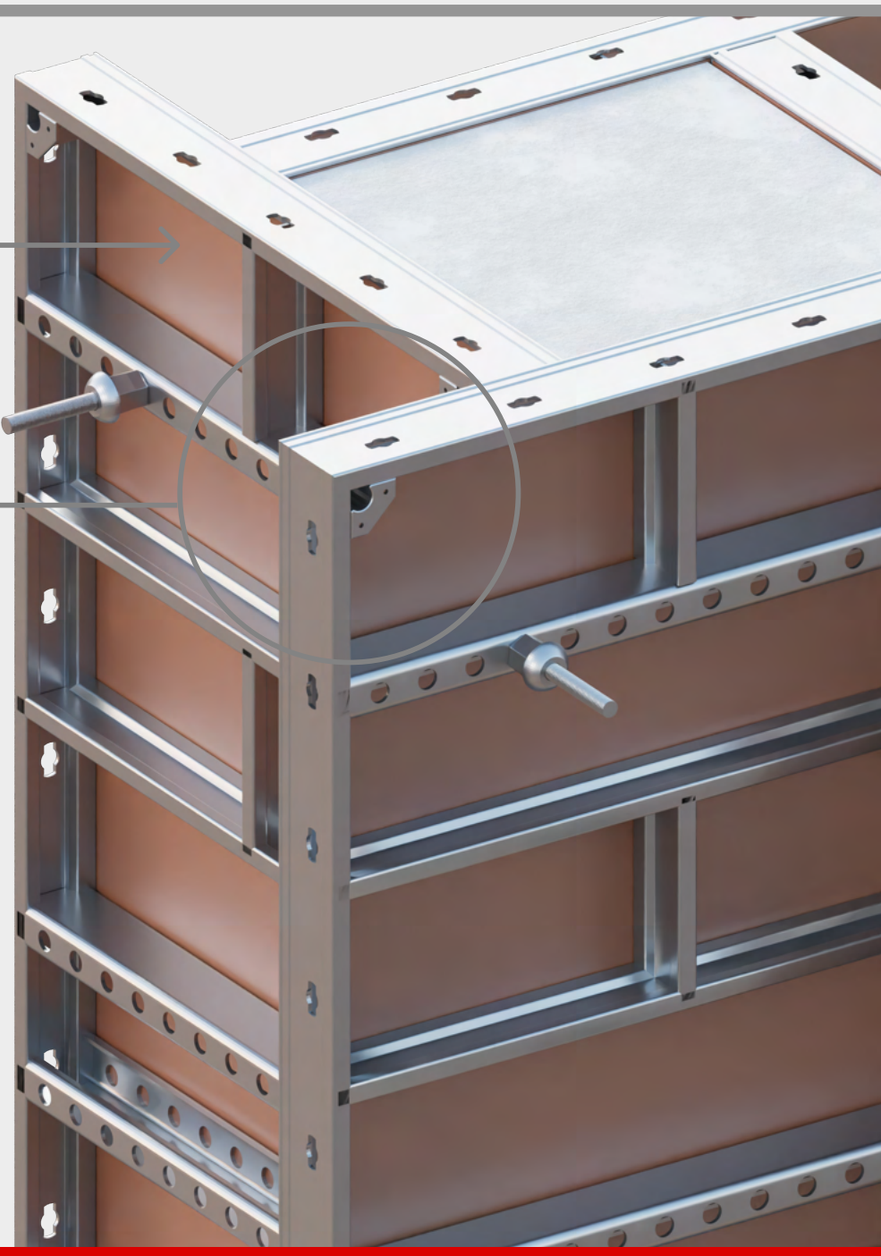
12 MM Birch Ply | 9 Layers | 120GSM

Aluminium Extruded Profile
makes the Panel Lighter

Continuous Slot Arrangement for
Multi-purpose function of Panels

Maximum Pressure 50kN/m²

Tie Rod Guide and
Edge Protection



Specification

Allform Panels Comes with variety of size range to suit all any custom size requirement.

Width

900 mm, 750 mm, 600 mm, 450 mm, 300 mm.

Height

1800 mm, 1200 mm

Available Sizes

1800×900 mm, 1800×750 mm, 1800×600 mm, 1800×450 mm, 1800×300 mm
1200×900 mm, 1200×750 mm, 1200×600 mm, 1200×450 mm, 1200×300 mm

Key Accessories

Explore key essential allform accessories that provides crucial support for secure panel connections, stiffening, aligning, and more, ensuring your formwork is reliable & efficient.

Allform Clamp

Allform clamps are used as connectors to join two panels with each other. The unique design of the clamp makes it more rigid connection for panel to panel both vertically and horizontally.

Allform External Corner Connector

The allform corner connectors is used in connecting panel to panel at external corners. It allows panels to get connect at 90°. It is also used in stop end formwork and column formwork.

Allform Internal Corner Connector

The allform corner connectors is used in connecting panel to panel at internal corners. It allows panels to get connect at 90°. It is majorly used in t-joints in walls and wall offsets.

Allform Universal Waling

The allform universal waler is used as a stiffening, aligning, and force-transmitting at panel connection. It comes in various sizes for more versatility.

Allform Adjustable Clamp

Allform clamps are used as connectors to join two panels with each other. The unique design of the clamp makes it more rigid connection for panel to panel both vertically and horizontally.

Introducing Allfit

Robust steel-framed panel based formwork with Birch Plywood, easy interconnections, and quick assembly for durable and efficient construction.

Unyielding Steel Frames for Ultimate Durability

Steel frames made with 5mm thick FE350 grade steel, offering robustness and durability at 33.0kg per sq. m. for 3000x900 mm panels.

Tackling upto 60kN/m² Concrete Pressure

Panels are designed to withstand a maximum concrete pressure of 60kN/m and deflection limits confirming to IS CODES

Birch Plywood with Phenolic Magic

Highly calibrated Birch Plywood (12mm) with a phenolic film (120gsm) for good form finish and increased repetitions, with low moisture intake ratio of 15%.

Galvanized and Powder Coated Panels

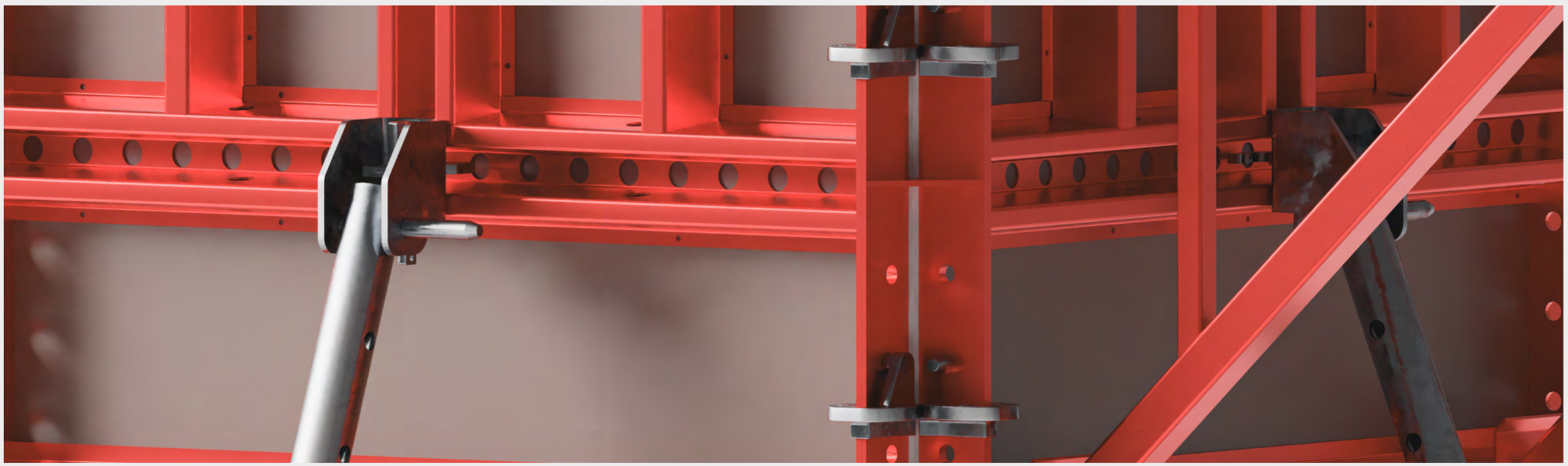
Protection against corrosion, rust, wear, and fading, making the Allfit system a reliable and cost-effective choice for diverse construction projects.

The Unique Slot Arrangement

With its user-friendly logic, construction professionals can achieve sturdy and precise configurations, ensuring efficiency and accuracy in every project.

Allfit's Customizable Size Range

Suits all the custom size and shape of concrete.
Height: 3.0m, 2.7m, 1.8m, 1.5m, 1.2m
Width: 900mm, 750mm, 600mm, 450mm, 300mm



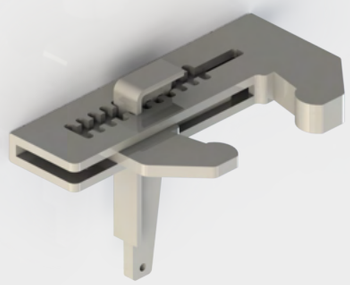
Key Accessories

Explore key essential Allfit accessories that provides crucial support for secure panel connections, stiffening, aligning, & more, ensuring your formwork is reliable and efficient.

Allfit Clamp

Allfit clamp, creates a solid joint, is used as connectors to join two panels together rigidly.

Sr. No.	Model	Product Name	Weight, kg
1	AFIA0101	ALLFIT CONNECTING CLAMP	0.9



Allfit Adjustable Clamp

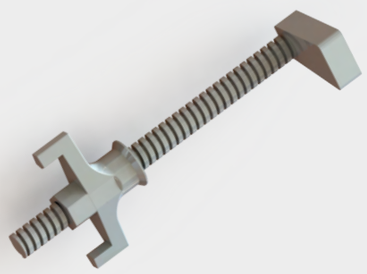
Allfit adjustable clamps are adjustable, allowing them to connect fillers with a range of 0 to 100mm.

Sr. No.	Model	Product Name	Weight, kg
1	AFIA0102	ALLFIT EXTENDABLE CLAMP	2.5

Allfit Filler Waling

Allfit filler Waling is ued as a stiffening, aligning, and force-transmitting element at panel connections.

Sr. No.	Model	Product Name	Weight, kg
1	AFIA0401	ALLFIT FILLER WALING 1.0 M	6.05



Allfit Corner Connector

Allfit corner connector is to connect panels at corners, allowing panels to be joined at 90° angles.

Sr. No.	Model	Product Name	Weight, kg
1	AFIA0201	ALLFIT CORNER CONNECTOR	0.5

Allfit Specifications

Dive into the diverse range of Allfit panel components, offering various sizes and weights to cater to your unique requirements. We also tailor solutions to your exact project needs.

Sr. No.	Model	Product Name	Weight, kg
1	AFI3090P/G	ALLFIT PANEL 3000X900	89.6
2	AFI3075P/G	ALLFIT PANEL 3000X750	77.6
3	AFI3060P/G	ALLFIT PANEL 3000X600	68.1
4	AFI3045P/G	ALLFIT PANEL 3000X450	53.18
5	AFI3030P/G	ALLFIT PANEL 3000X300	39.97
6	AFI2790P/G	ALLFIT PANEL 2700X900	79.49
7	AFI2775P/G	ALLFIT PANEL 2700X750	72.1
8	AFI2760P/G	ALLFIT PANEL 2700X600	61.91
9	AFI2745P/G	ALLFIT PANEL 2700X450	49.53
10	AFI2730P/G	ALLFIT PANEL 2700X300	38.41
11	AFI1890P/G	ALLFIT PANEL 1800X900	55.5
12	AFI1875P/G	ALLFIT PANEL 1800X750	48.02
13	AFI1860P/G	ALLFIT PANEL 1800X600	38.63
14	AFI1845P/G	ALLFIT PANEL 1800X450	34.43
15	AFI1830P/G	ALLFIT PANEL 1800X300	23.7
16	AFI1590P/G	ALLFIT PANEL 1500X900	47.03
17	AFI1575P/G	ALLFIT PANEL 1500X750	40.01
18	AFI1560P/G	ALLFIT PANEL 1500X600	34.57
19	AFI1545P/G	ALLFIT PANEL 1500X450	29.08
20	AFI1530P/G	ALLFIT PANEL 1500X300	22.13
21	AFI1290P/G	ALLFIT PANEL 1200X900	39.96
22	AFI1275P/G	ALLFIT PANEL 1200X750	33.9
23	AFI1260P/G	ALLFIT PANEL 1200X600	29.5
24	AFI1245P/G	ALLFIT PANEL 1200X450	24.9
25	AFI1230P/G	ALLFIT PANEL 1200X300	16.76

Building Formwork : Allforte Formwork System

Allforte

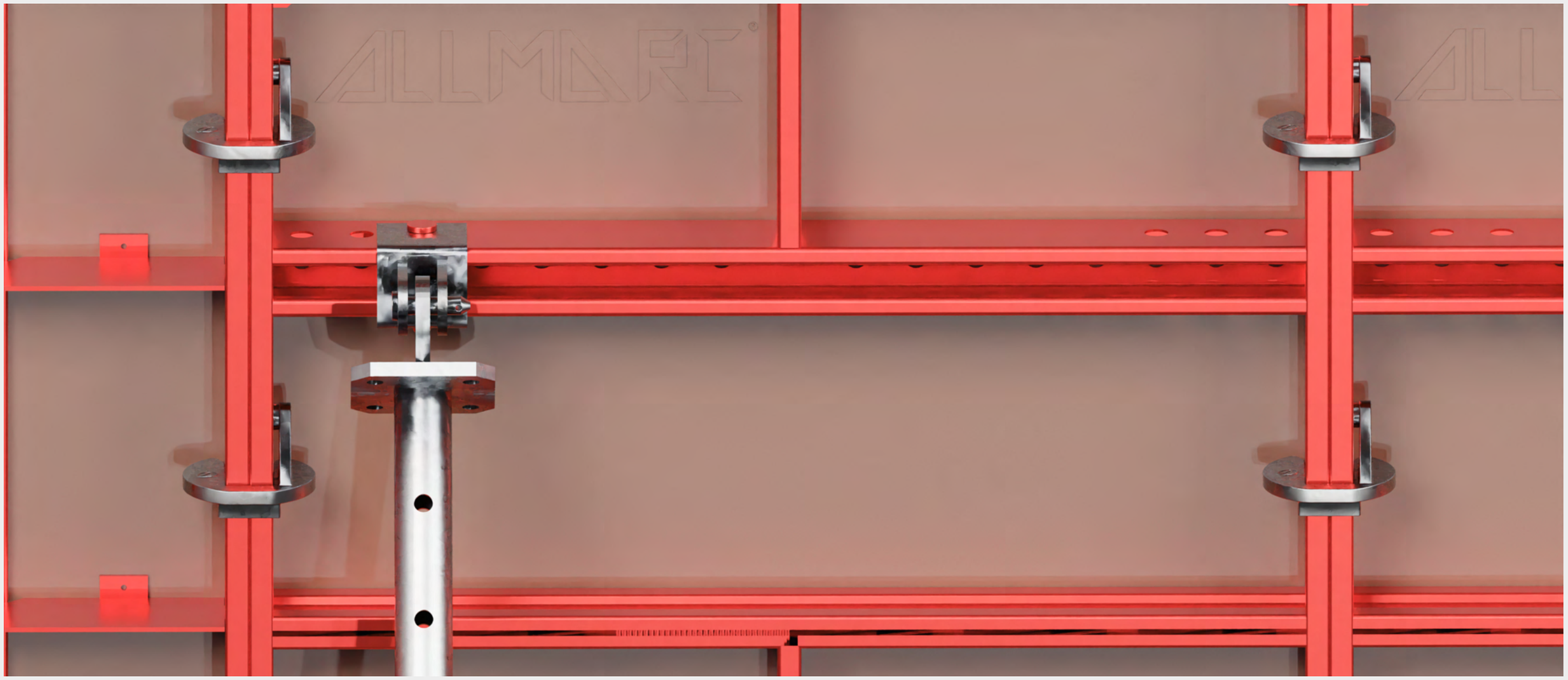
Allforte Formwork stands out with its ingenious roll-formed panels, boasting a remarkable combination of lightweight design and high load capacity. Its unique corner connector facilitates perpendicular attachment of multiple panels, enhancing the system's advanced modularity.

- **Lightweight, High Load Capacity**
  Efficient handling, robust support for heavy construction.

- **Sturdy, Reusable, Enhanced Design**
  Durable, cost-effective formwork with multiple panel reuses.

- **Advanced Modularity, Unique Connector**
  Streamlined setup, seamless perpendicular panel attachment.

- **Roll-formed Design**
  Remarkable blend of lightness & strength



Birch Ply
Durable & water-resistant

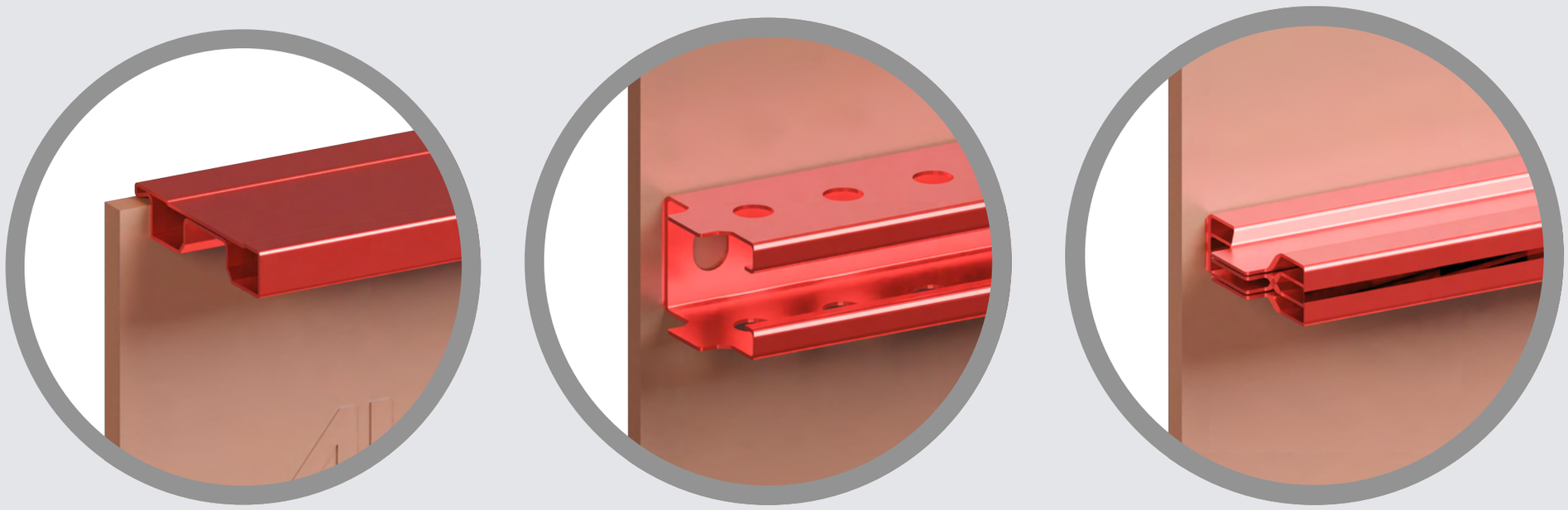
High Tensile Steel
High strength, anti-corrosion, anti-oxidation, and high resistance capabilities

Props
Height adjustable with high load-bearing capacity

Allforte Clamp
Rigid , accurate & fast connection of panels

Blend of Roll-formed Design

Allforte’s roll-formed panels offer a remarkable blend of lightness and strength, providing efficient handling and robust support for heavy concrete projects.



Sustainable & Cost-Effective Solution

With the panels' extended lifespan and reduced need for replacements, Allforte proves to be a sustainable and cost-effective choice for construction projects, delivering long-term value and efficiency.

Available Panel Sizes

Dive into the diverse range of Allforte panel components, offering various sizes and weights to cater to your unique requirements. We also tailor solutions to your exact project needs.

Sr. No.	Model	L, mm	B, mm	Weight, kg	Capacity, kN/m²
1	AFOP-1230	1200	300	16.7	90
2	AFOP-1245	1200	450	22.3	90
3	AFOP-1260	1200	600	26.4	90
4	AFOP-1275	1200	750	30.3	90
5	AFOP-1290	1200	900	34.4	90
6	AFOP-1530	1500	300	20.3	90
7	AFOP-1545	1500	450	28.0	90
8	AFOP-1560	1500	600	32.9	90
9	AFOP-1575	1500	750	37.6	90
10	AFOP-1590	1500	900	42.5	90
11	AFOP-1830	1800	300	23.6	90
12	AFOP-1845	1800	450	32.2	90
13	AFOP-1860	1800	600	37.9	90
14	AFOP-1875	1800	750	43.5	90
15	AFOP-1890	1800	900	49.0	90
16	AFOP-2730	2700	300	34.5	90
17	AFOP-2745	2700	450	46.7	90
18	AFOP-2760	2700	600	55.0	90
19	AFOP-2775	2700	750	63.3	90
20	AFOP-2790	2700	900	74.2	90
21	AFOP-3030	3000	300	38.0	90
22	AFOP-3045	3000	450	51.8	90
23	AFOP-3060	3000	600	60.8	90
24	AFOP-3075	3000	750	69.9	90
25	AFOP-3090	3000	900	81.6	90

Key Accessories

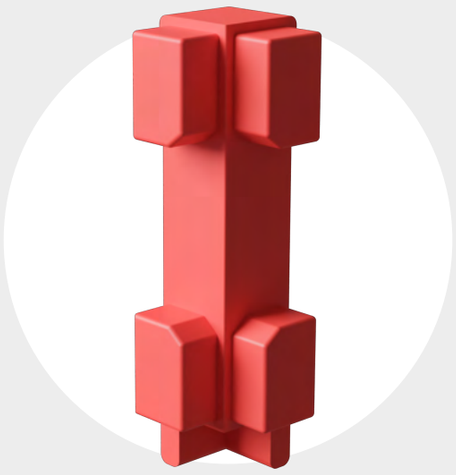
Explore key essential Allforte accessories that provides crucial support for secure panel connections, stiffening, aligning, and more, ensuring your formwork is reliable and efficient.

Allforte Modular Formwork Clamp

- Essential accessory for joining two panels securely in formwork setups.
- Precision engineering ensures a rigid and accurate connection.
- Streamlines assembly process for faster and efficient formwork setups.
- Promotes precise formwork configurations, enhancing structural stability.

Allforte Modular Formwork Prop Support

- Provides reliable vertical support for concrete formwork systems.
- Sturdy construction with high load-bearing capacity.
- Adjustable height feature accommodates various construction heights.
- Ensures stable support for heavy slabs, beams, and walls.
- Durable and easy-to-use, ensuring safety and efficiency in construction.



Allforte Modular Formwork Corner Connector

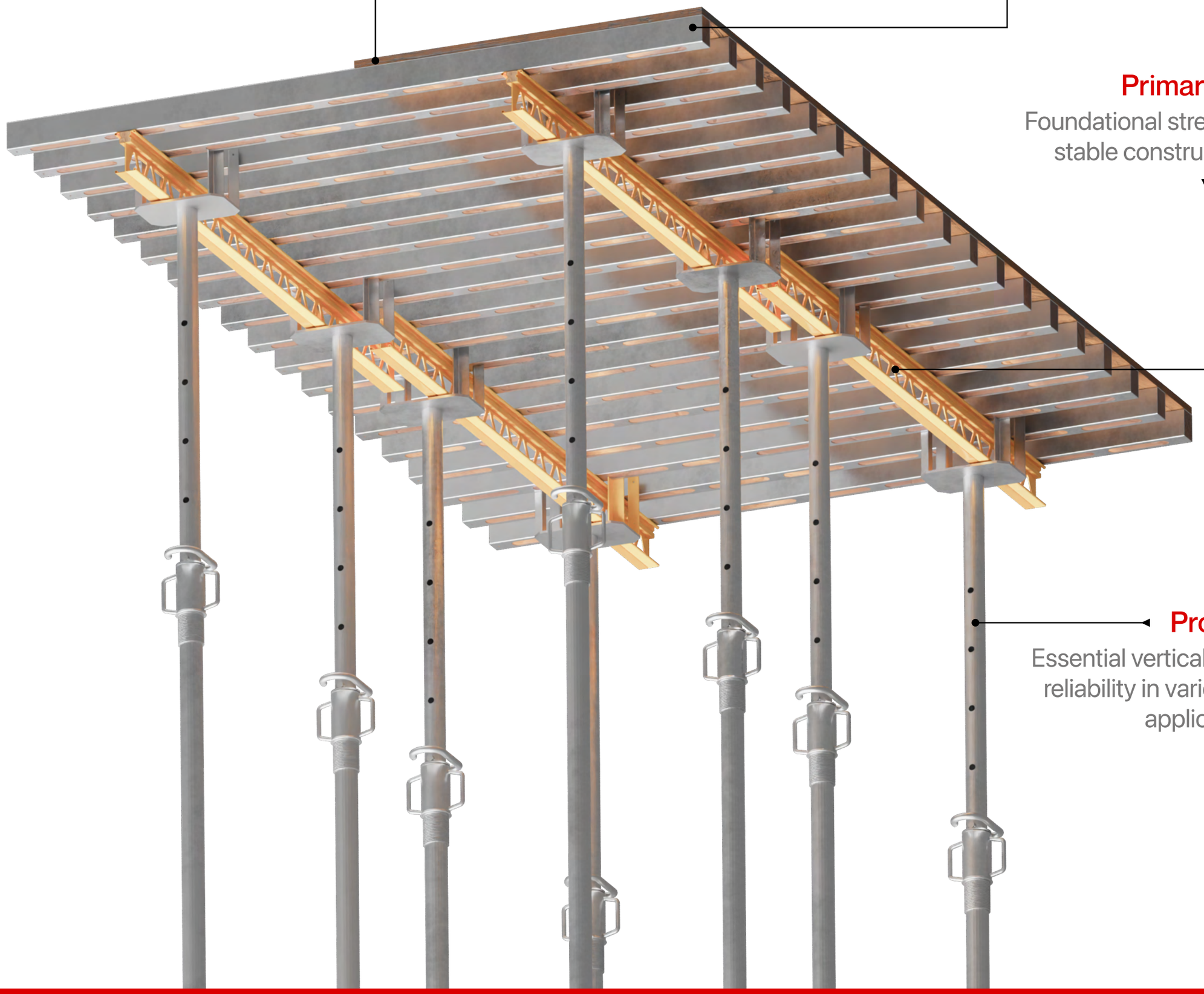
- High reusability factor allows for multiple and cost-effective formwork applications.
- Resistant to wear and tear, maintaining structural integrity and efficiency over time.
- Sturdy and durable design ensures long-lasting performance and reliability.
- Enhances overall system modularity and adaptability, optimizing construction versatility.

Birch Ply

Resilient plywood for sturdy and smooth formwork surfaces.

Secondary Beam (Steel Timber)

Providing robust structural support for construction projects.



Primary Beam

Foundational strength for secure and stable construction frameworks

Props

Essential vertical support ensuring reliability in various construction applications.

Slab Formwork

Engineered for durability with strong props, versatile steel timber beams, and resilient birch plywood, ensuring efficient and lasting concrete construction

Overview

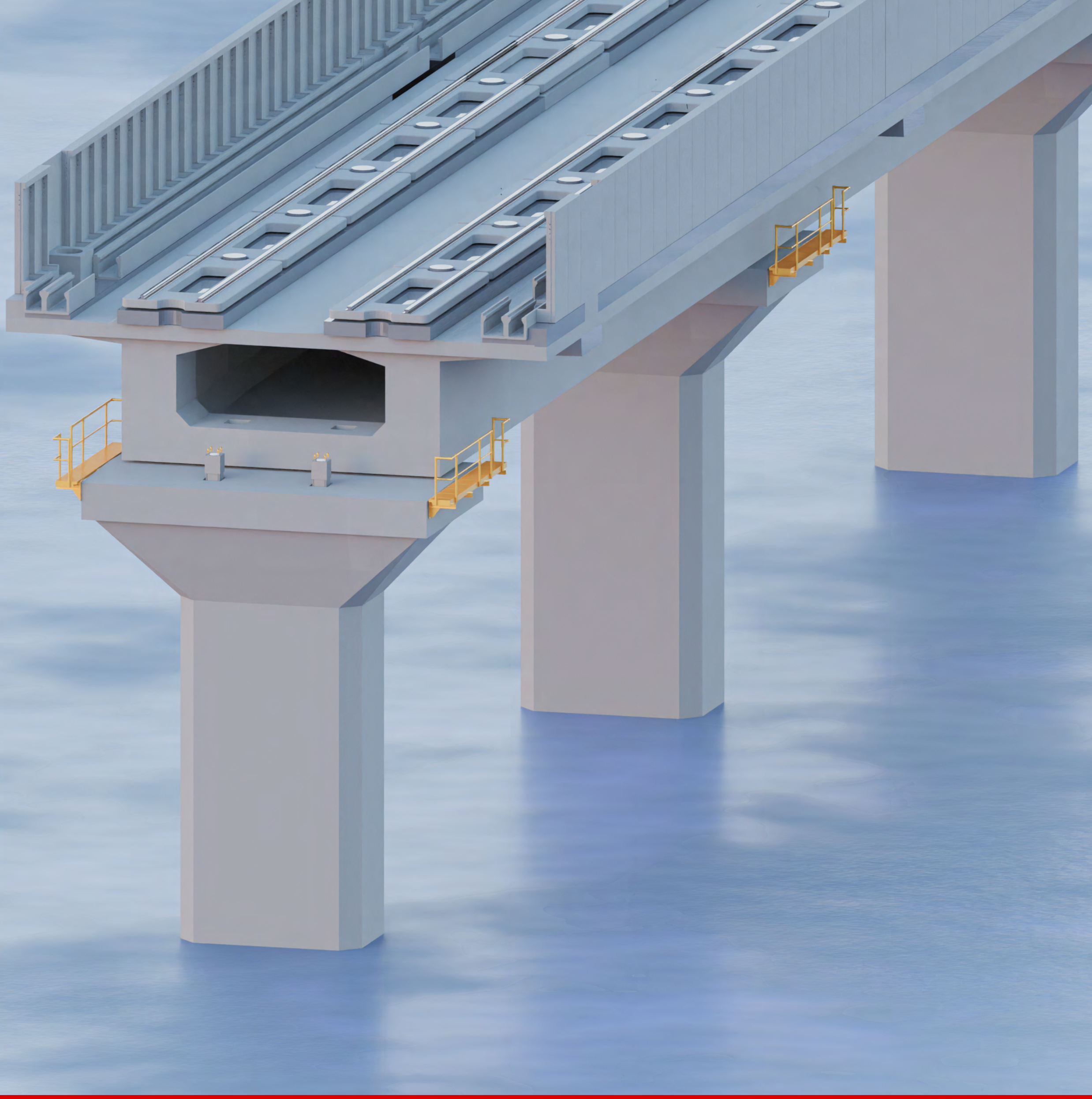
Allmarc's Slab Formwork offers a comprehensive system meticulously designed for horizontal concrete construction. This advanced formwork solution integrates robust components, including sturdy props, a diverse range of beams, featuring the durability of steel timber, and resilient birch plywood. The system excels in providing exceptional strength, high reusability, and adaptability to varied construction needs. With a focus on longevity and efficiency, our slab formwork ensures structural integrity, reduces replacement requirements, and facilitates versatile applications across residential, commercial, and industrial projects.

Benefits

- **Exceptional Strength**: Strong props and steel timber beams ensure structural integrity.
- **High Reusability**: Steel timber components enhance longevity and reduce replacement needs.
- **Versatile Beam Range**: A variety of beams accommodate diverse construction requirements.
- **Durable Birch Plywood**: Ensures a resilient surface for quality concrete finishing.

Uses

Ideal for constructing horizontal surfaces in buildings, such as floors, ceilings, and roof slabs, our slab formworok is suitable for a wide range of residential, commercial, and industrial projects.



Customised Infrastructure Formwork

Meet the demanding requirements of infrastructure projects with our robust formwork solutions. From bridges to tunnels, our systems offer the strength, durability & flexibility needed to construct large-scale infrastructure with utmost efficiency & safety.

PRE-CAST MOULDS

Tailor-made formwork solutions engineered for precision and productivity in the precast concrete industry, enabling seamless fabrication of complex structures with flawless results.

- NOISE BARRIER
- U CABLE DUCT
- TRACK SLAB
- FSLM
- I GIRDER
- U GIRDER
- LONG LINE
- SHORT LINE
- DRAINAGE MOULDS
- RETAINER WALLS
- BOX CULVERTS

CAST IN-SITU MOULDS

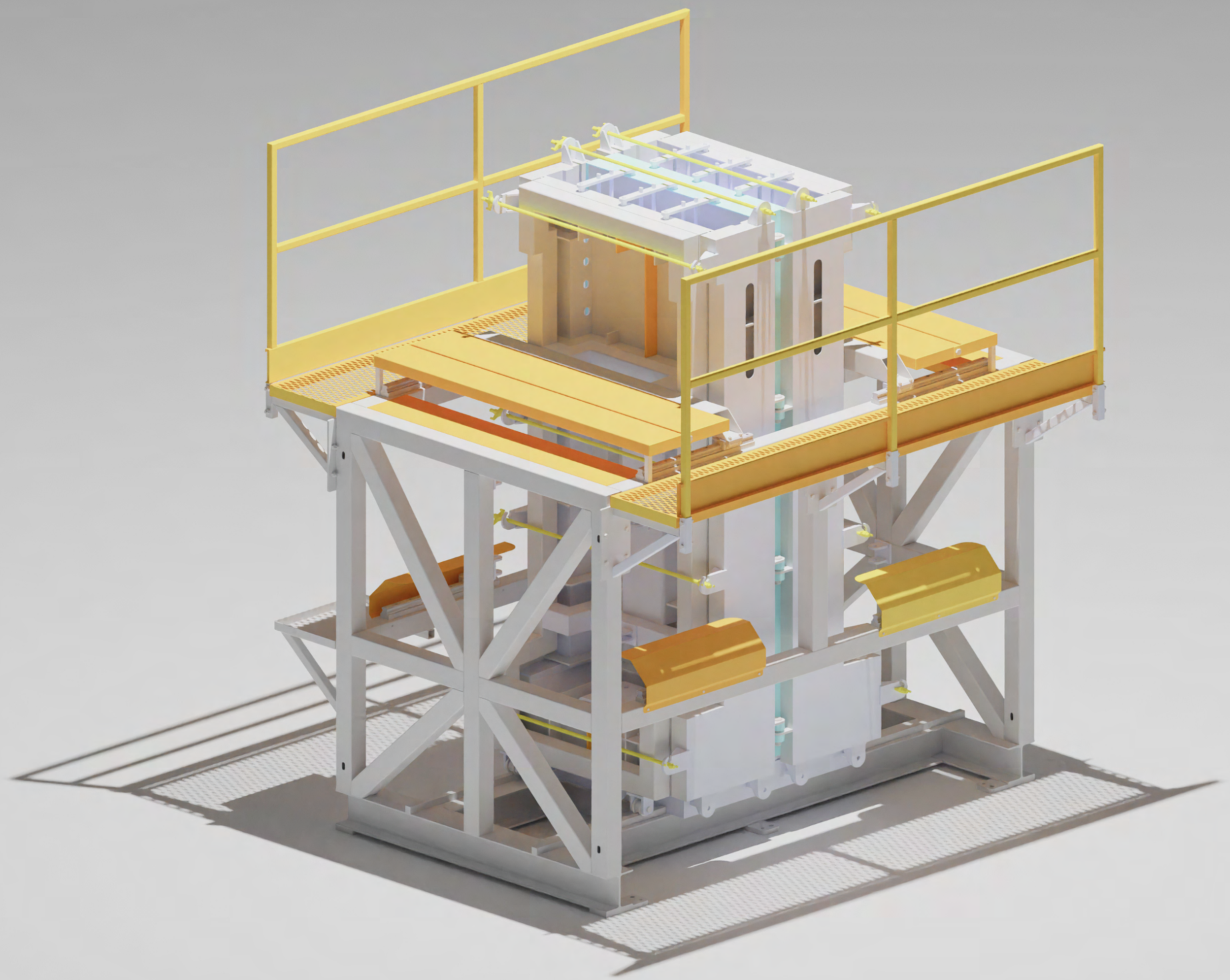
Enhance on-site construction efficiency with our versatile cast in-situ moulds, tailored to meet your specific project requirements.

- PIER
- TRACK BED
- PIER CAP

SPECIALITY PRODUCTS

Advanced specialty products for streamlined infra formwork processes, maximizing productivity and minimizing construction time.

- ALLWELL DEEP FOUNDATION
- SEISMIC STOPPER



Noise Barrier

Enhancing acoustic tranquility with high-performance solutions for noise reduction.

Overview of Noise Barrier Mould

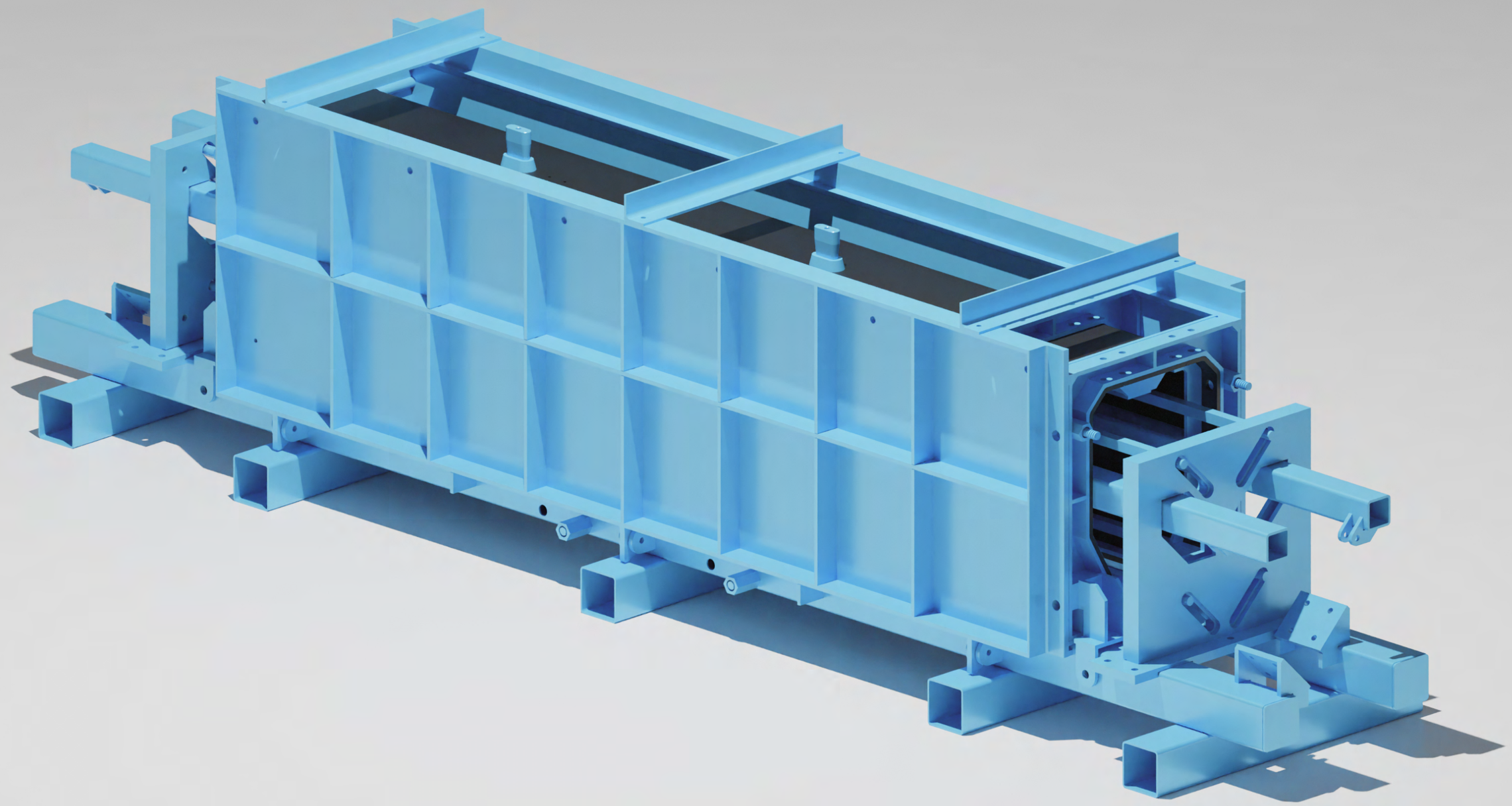
Allmarc specializes in constructing pre-cast moulds for noise barrier to be used any Bullet Train project. The technical challenges overcome by Allmarc include achieving a minimal thickness of 90mm for a height of 2.4m and preserving the intricate C shape, featuring numerous precise chamfers. Our innovative approach involved crafting the mould with hydraulics, incorporating multiple cavities (2, 4, 12 cavities in a single mould). This design allows for seamless movement during shuttering and deshuttering processes, ensuring the preservation of corners and chamfers without any damage.

Benefits

- Easy and smooth de-shuttering
- Convenient to mould complex shape
- Precise chamfers
- VMC machined skin surface
- Easily moulds thin sections without tear
- Safe operations and maintenance Grip Strut™ platform
- Occupies less floor area

Uses

Noise Barrier pre-cast moulds are ideal for use near highways, railways, residential areas, and industrial zones where noise reduction is essential for community well-being.



U Cable Duct

Organizing underground cables with durable and efficient U-shaped ducts for seamless electrical installations.

Overview

Allmarc has successfully developed a 4-Cavity U-Duct mold that boasts a shared outer shutter and a separate inner shutter arrangement, aiming for increased productivity while minimizing the use of components. This innovative design not only addresses the challenge of inner shutter intricacy in confined spaces but also reduces or eliminates the dependency on on-site labor.

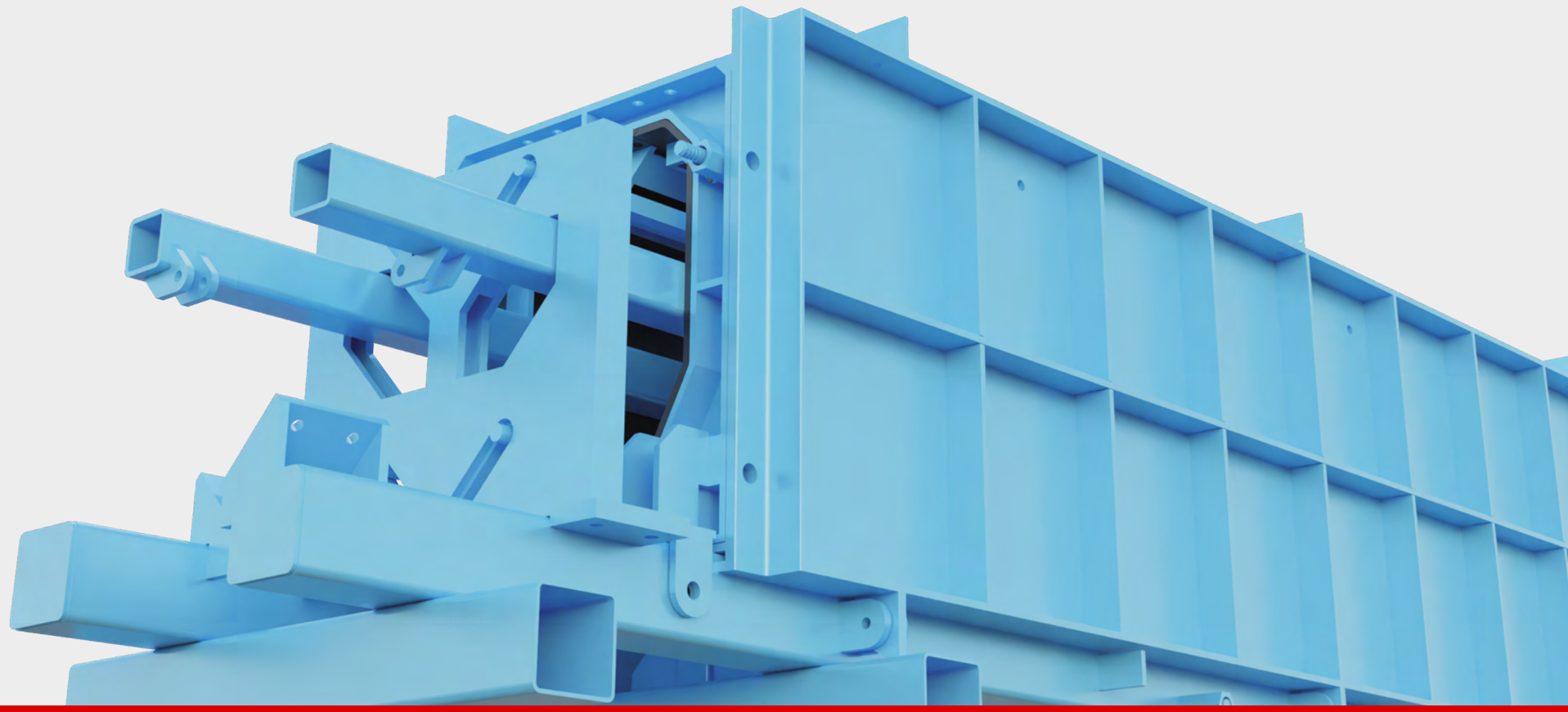
Specializing in the manufacturing of cable duct molds, Allmarc's expertise shines in overcoming the complexities of inner shutters. The U duct mold, with its four cavities, showcases a unique collapsing mechanism. By utilizing minimal hydraulic power, we prioritize efficiency in our mold design. Additionally, we provide both pneumatic and hydraulic arrangements for our U duct molds, offering versatility to suit different preferences and requirements.

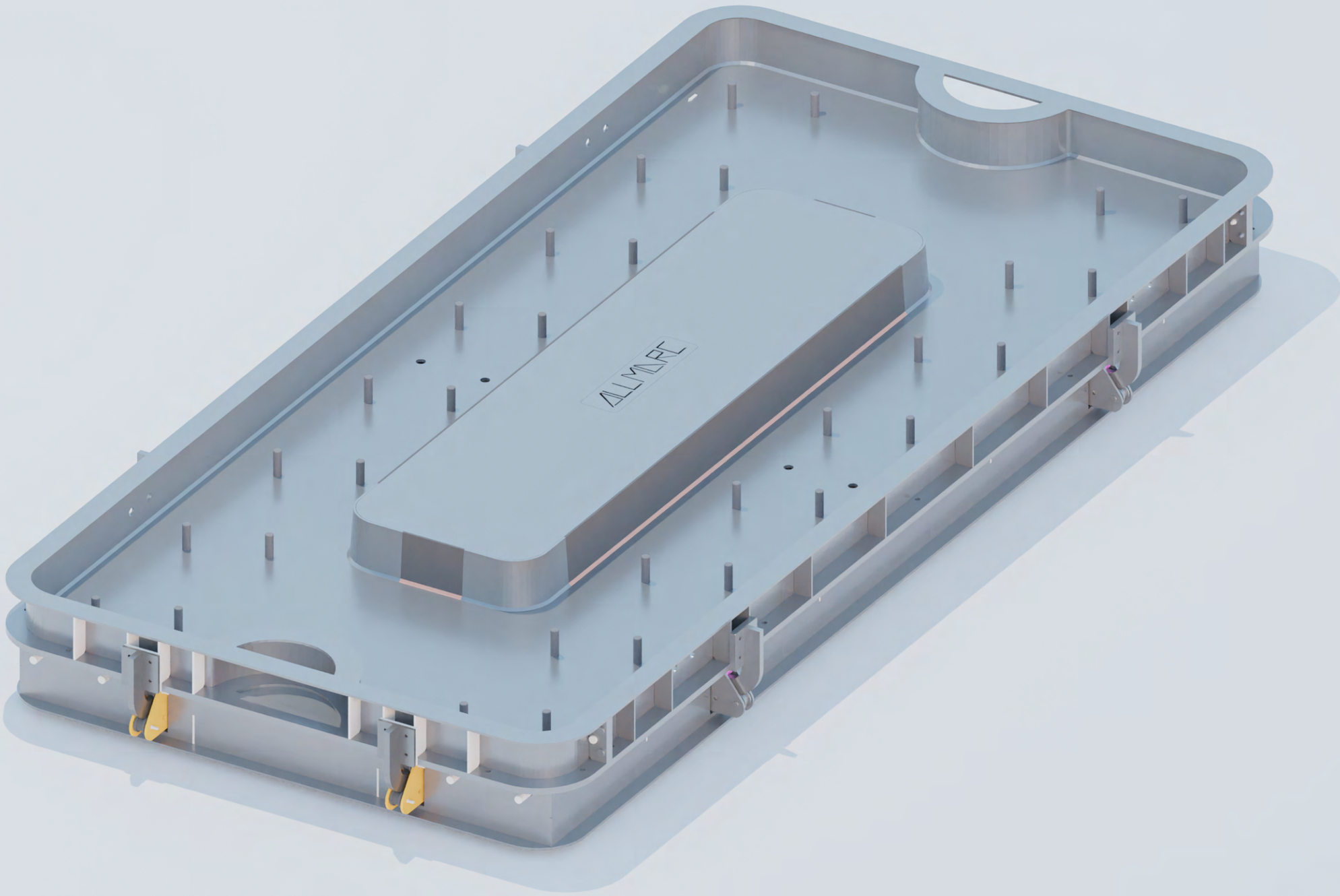
Benefits

- Compact inner shuttering deshuttering with pneumatic / hydraulic arrangement
- VMC machined skin surface
- Porosity free element surface
- High productivity

Uses

U Cable Duct pre-cast moulds are commonly used in urban infrastructure projects, industrial complexes, and underground utility installations.





Allmarc proudly stands as the sole global manufacturer of pre-cast track slab mould after Japan & China.

We are one of the first Indian companies to manufacture such moulds.

Track Slab

Ensuring smooth and stable track systems with precision-engineered slabs, providing reliable support for railway infrastructure.

Overview

Crafting the track slab mould posed a formidable challenge for Allmarc, but our immense expertise and infrastructure enabled us to pull it off seamlessly. The mould's length surpasses 5 meters, an unusually long dimension for precasting. Despite its substantial size, we've maintained the element's thickness at an efficient 190mm, carefully considering its size and area. With a design speed exceeding 350km/hr, the track slab emerges as a robust alternative to traditional railway sleepers beneath the tracks.

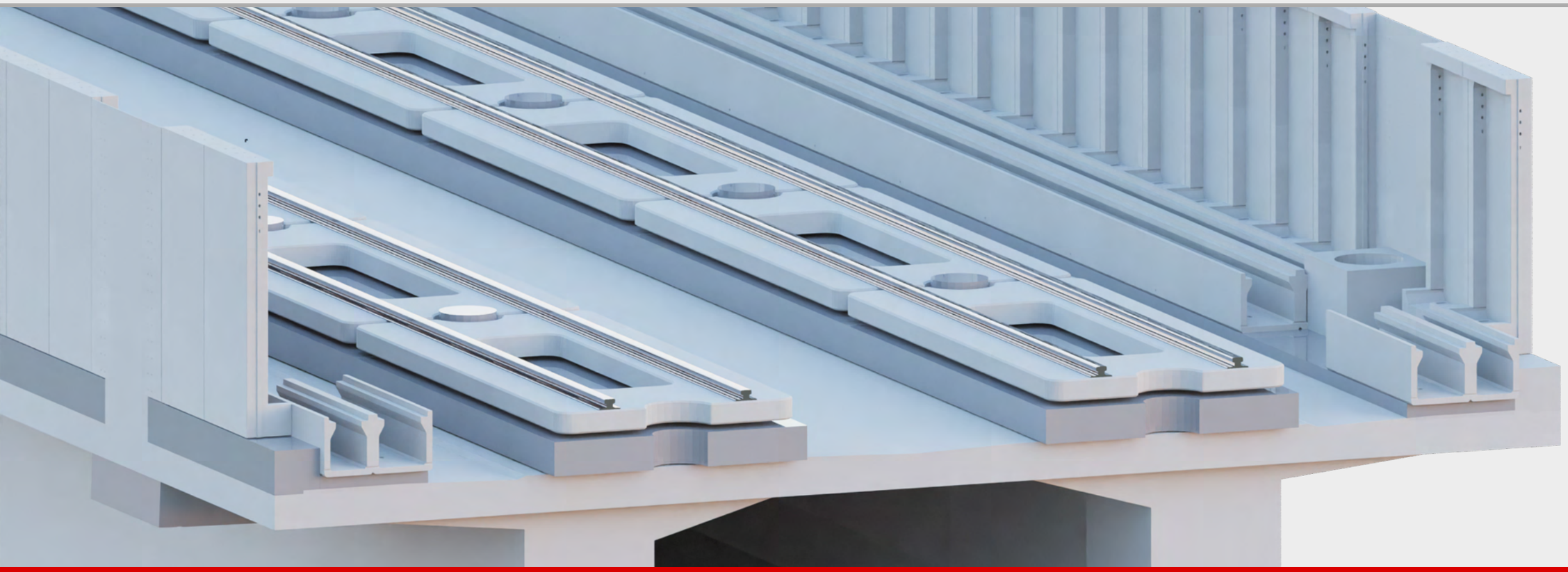
Remarkably, after Japan and China, Allmarc proudly stands as the sole global manufacturer of such moulds, solidifying its unique and leading position in the industry. Additionally, Allmarc has achieved the distinction of being one of the first Indian companies to manufacture such moulds, marking a significant milestone in the country's engineering and manufacturing capabilities.

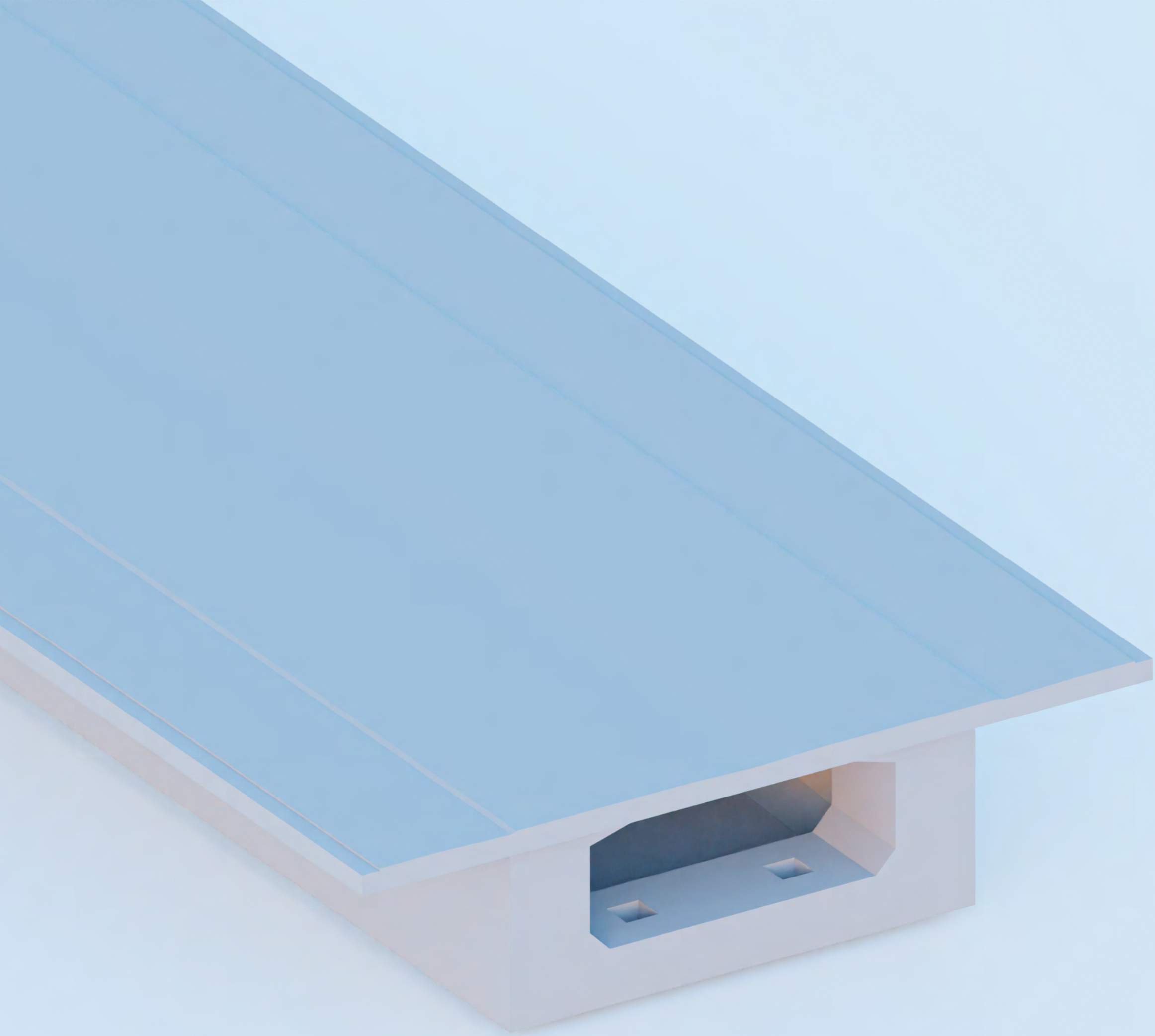
Benefits

- East and smooth deshuttering
- Precise chamfers
- Insert provided for lifting and rail track fitment
- Porosity free surface element
- VMC machined skin surface
- Semi-automation with pneumatic operation

Uses

Track Slab pre-cast moulds are a crucial component of railway construction and maintenance, ensuring the long-term integrity of track systems.





Infrastructure Formwork: Pre-cast Moulds

FSLM

FSLM, or Full Span Girder Launching Method, is an advanced technique for efficient and precise bridge construction.

Overview

While Allmarc hasn't developed the FLSM yet, our capabilities are more than sufficient to manufacture such a complex system. The FLSM features a 40m long segment, making it a considerable engineering feat. The structure of this mold is notably intricate compared to other molds, and its substantial size necessitates a correspondingly large manufacturing plant. Fortunately, Allmarc boasts enough factory space and area to accommodate the production of such colossal molds.

To further support our manufacturing endeavors, we have a heavy lifting crane in place, ensuring efficient handling of the large components involved in the FLSM. Our manufacturing facility is not just extensive but also high-tech, equipped with cutting-edge technology to meet the precision and complexity demands of the FLSM. Additionally, we have established partnerships with high-tech hydraulic part suppliers, ensuring a seamless supply chain for the specialized components required in the FLSM.

The inner shutter of the FLSM adds another layer of complexity with its bullet-shaped design, requiring a multitude of hydraulic cylinders aligned across its entire 40m length. The synchronized operation of these cylinders is crucial to execute the right sequence efficiently on the project site. Allmarc's comprehensive infrastructure, technological capabilities, and strategic partnerships position us as a reliable and capable entity to take on the challenges posed by such a sophisticated and sizable undertaking.

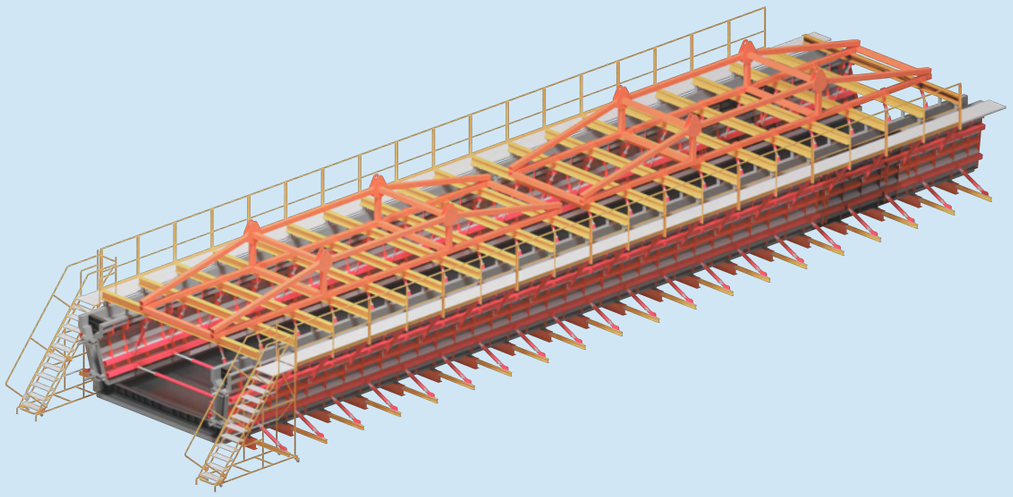
Facilities

- Accelerated Construction
- Enhanced Bridge Integrity
- Reduced Disruption to Traffic
- Cost-Effective Bridge Building

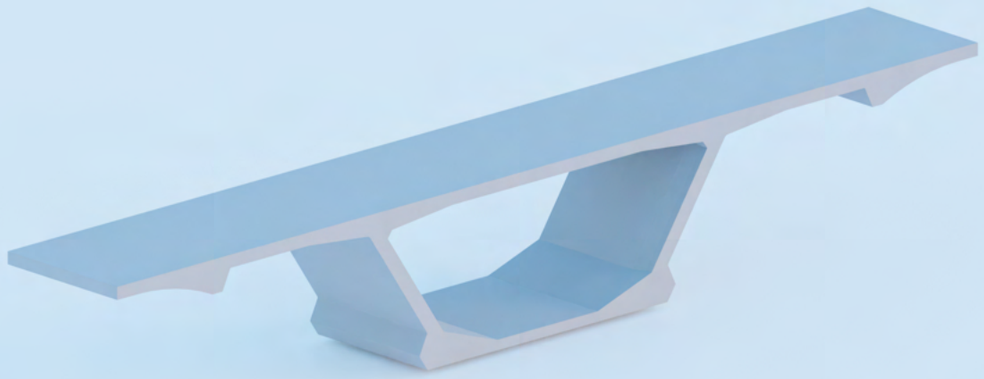
Uses

FSLM is employed for the construction of highway and railway bridges, viaducts, and other elevated structures where efficiency and accuracy are crucial.

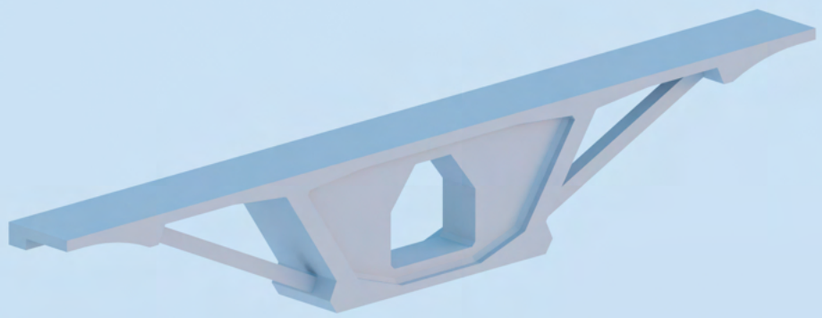
Infrastructure Formwork: Pre-cast



U Girder



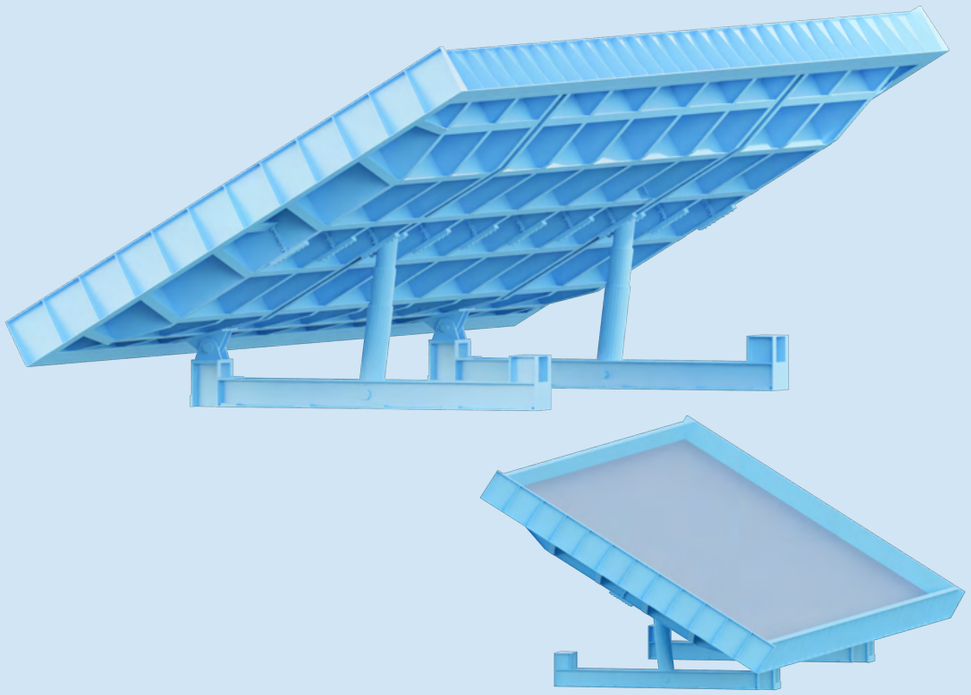
Long Line



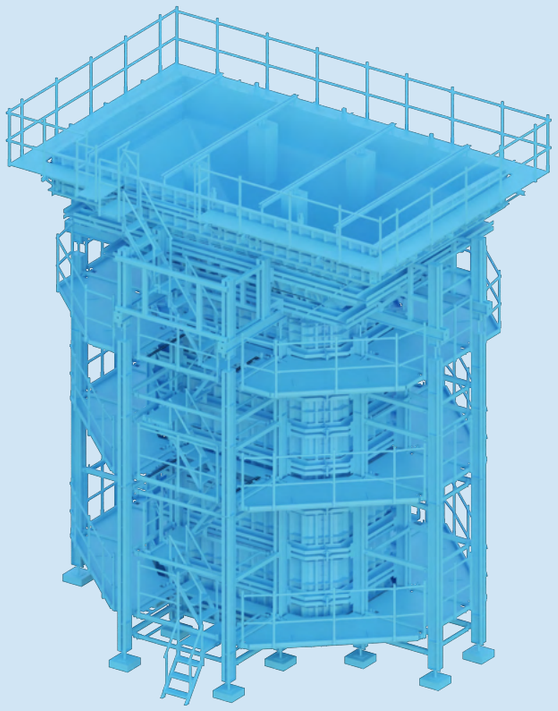
Short Line

Drainage Moulds

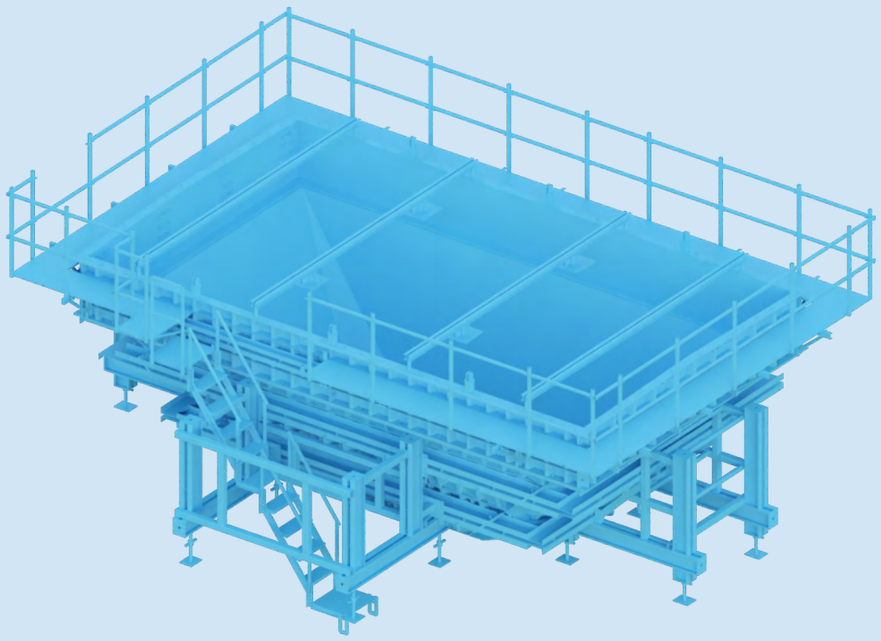
Infrastructure Formwork: Pre-cast & In-situ Moulds



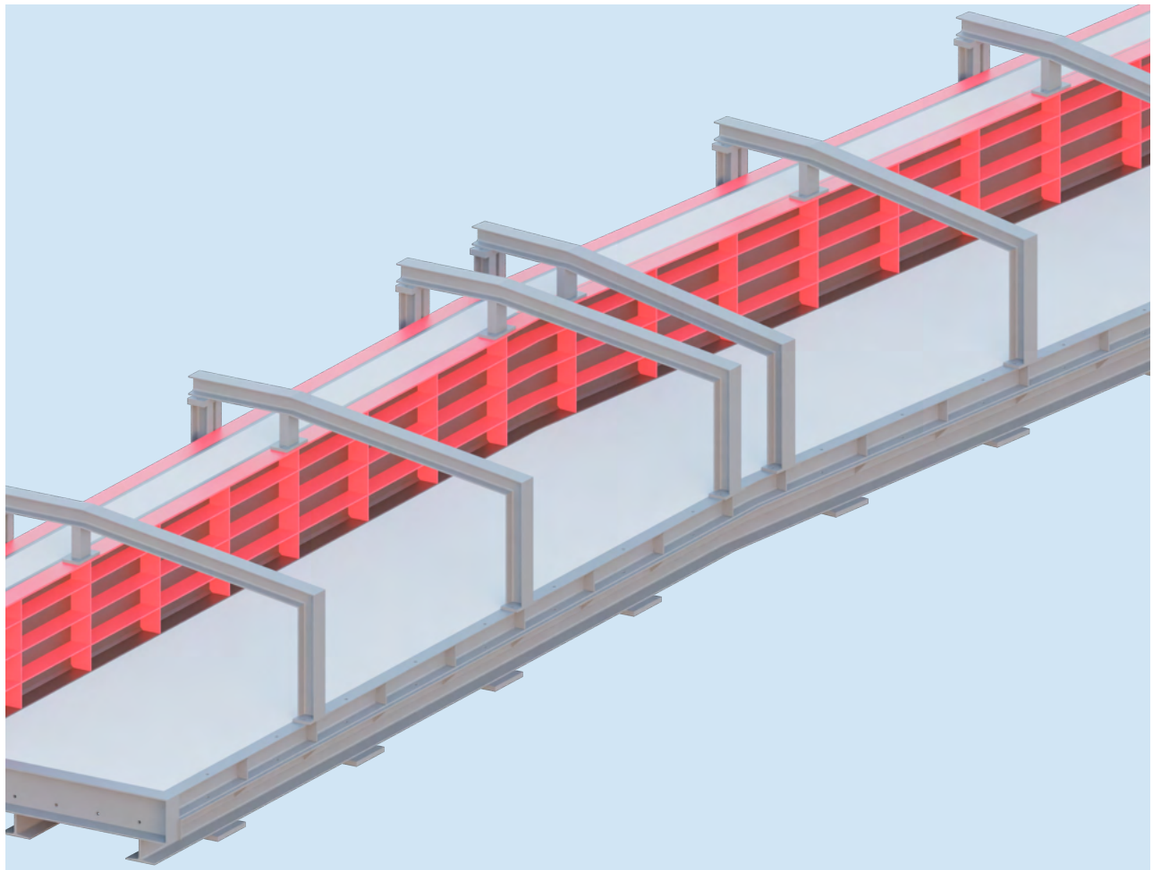
Retainer Wall



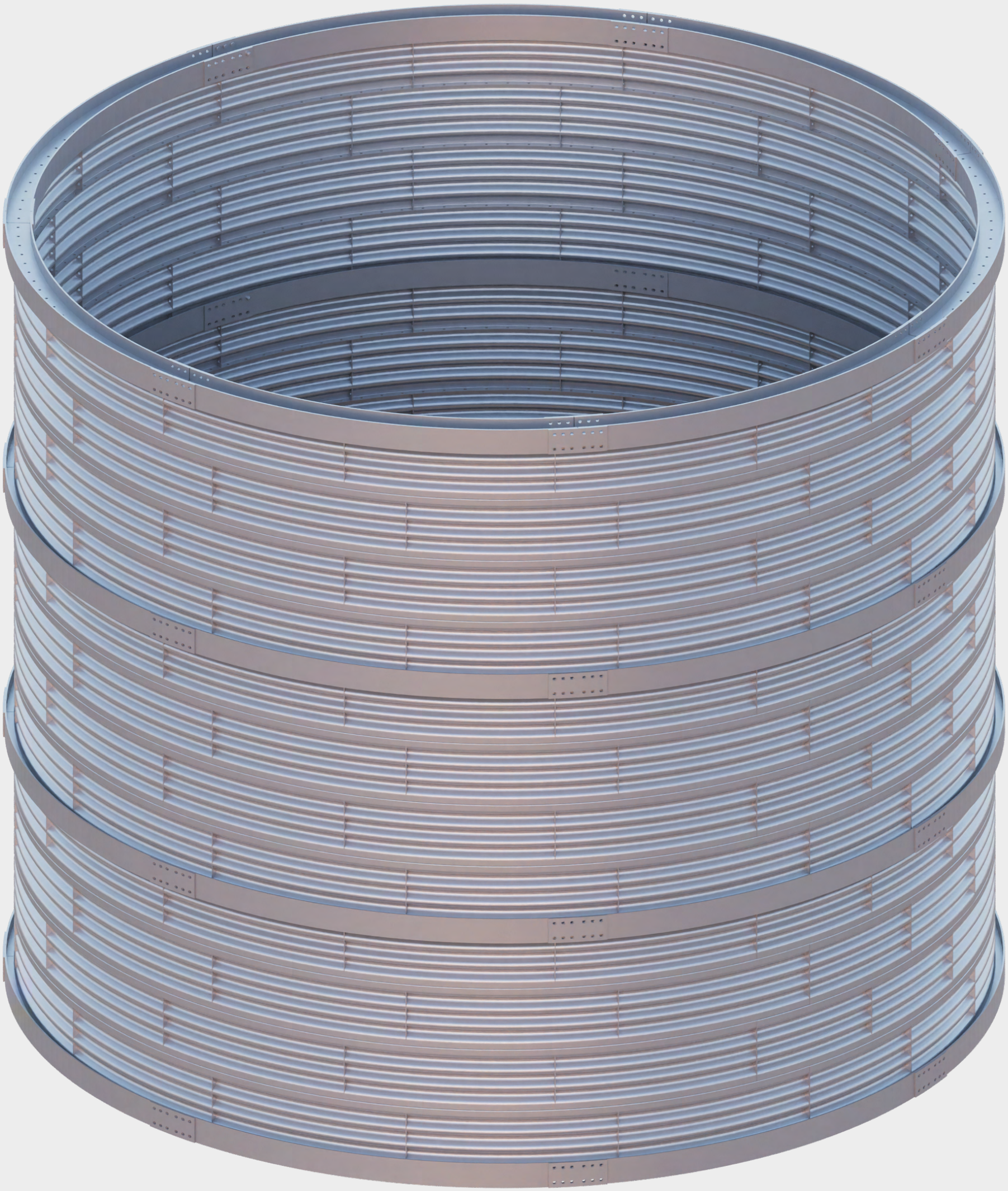
Pier



Pier Cap



Track Bed



Allwell Deep Foundation

The Allwell Deep Foundation is a robust and innovative solution, featuring large-diameter excavation and grouting to enhance soil stabilization.

Overview

Allmarc takes pride in offering the Allwell Deep Foundation, an advanced and highly effective solution tailored for large-diameter excavations, ranging from 6 meters to 11 meters. This is achieved through the strategic placement of corrugated steel liner plates in a circular formwork configuration, providing substantial support to the bore wall. The annular space between these plates and the surrounding soil undergoes meticulous grouting, ensuring enhanced soil stabilization.

To facilitate the manufacturing process, Allmarc has engineered a specialized Roll Forming Machine designed for crafting these liner plates. This machine possesses the capabilities of forming, punching, and cutting at the center, streamlining the production of these critical components.

The Allwell Deep Foundation stands out with various innovative features. These include a top guide frame for precise alignment, a ladder provision for easy access, a collapsible roof offering protection during the rainy season, and a reinforcement fixing jig for cage lowering. These features collectively contribute to making the Allwell Deep Foundation an exceptional solution for demanding excavation projects.

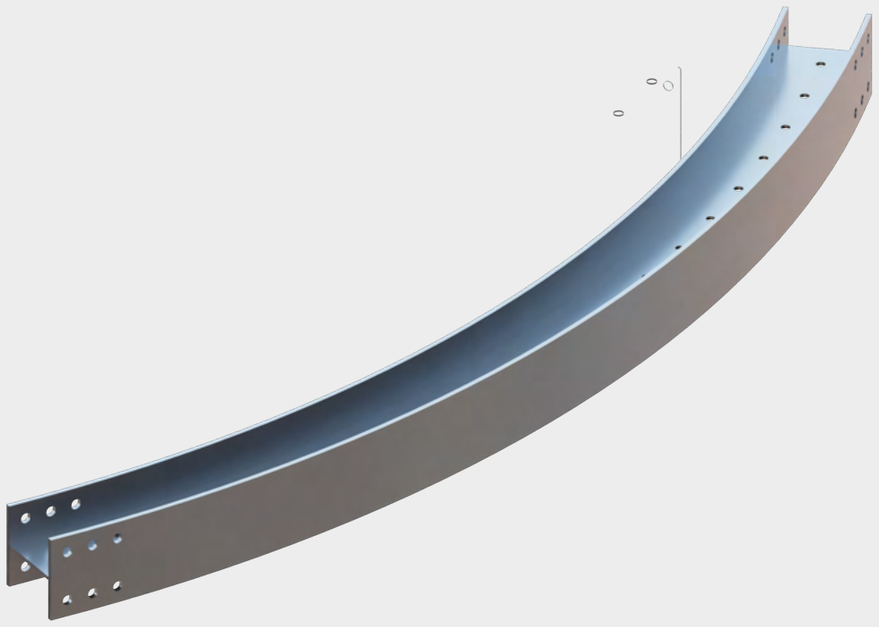
Moreover, it's worth mentioning that Allmarc's Allwell Deep Foundation has received approval from NHRCL (National High-Speed Rail Corporation Limited), attesting to its compliance with industry standards and recognizing its effectiveness in protecting railway line foundations.

Benefits

- Large-Diameter Excavation
- Enhanced Soil Stabilization
- Advanced Roll Forming Machine
- Innovative Design Features

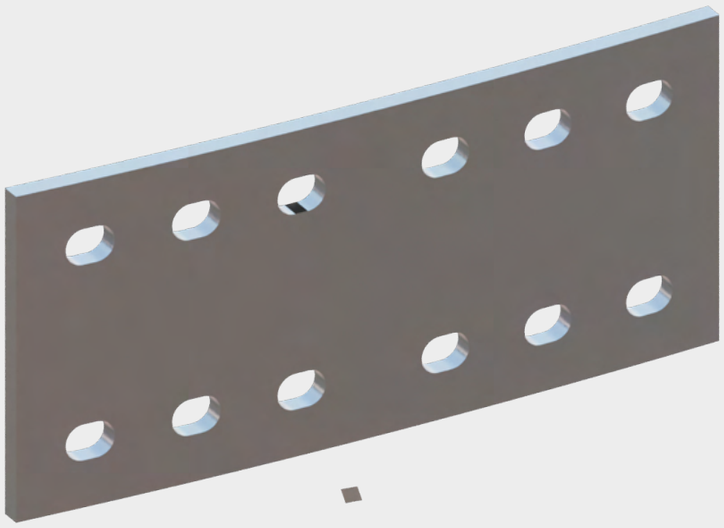
Uses

Allmarc's Allwell Deep Foundation is specifically designed for use in urban areas and locations adjacent to railway lines. Its primary purpose is to safeguard the foundation of railway lines from vibrations and potential collapse, a critical consideration in city areas where minimizing impact on the surroundings is paramount. The utilization of Allwell Deep Foundation streamlines excavation processes in urban settings by reducing the required diameter, minimizing the risk of damage to nearby structures or buildings.



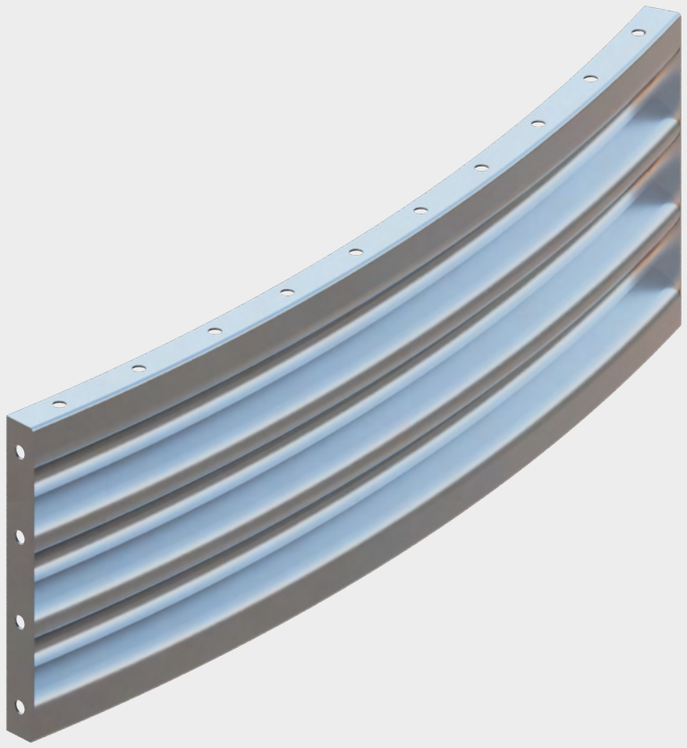
Curve Beam

Curve beam typically represents a beam or structural element with a curved or arched shape. These beams are designed to provide support and strength to the deep foundation, contributing to its stability and load-bearing capacity.



Fixing Plate

Fixing Plate is a component used to secure or fasten structural elements together. These plates serve to connect various components of the deep foundation system, ensuring stability and structural integrity.



Liner Plate

Liner plate refers to a steel plate used to reinforce and protect the bore walls during excavation. These plates are corrugated and placed inside the bored hole to maintain its structural integrity and prevent soil collapse during the drilling process.

Allwell Deep Foundation

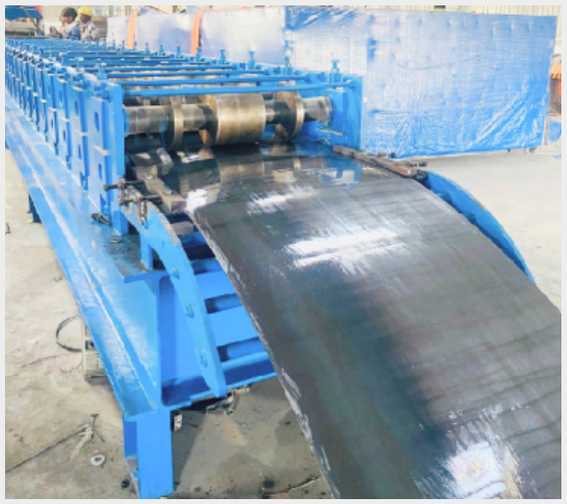
The Allwell Deep Foundation is a robust and innovative solution, featuring large-diameter excavation and grouting to enhance soil stabilization.

Additional Features

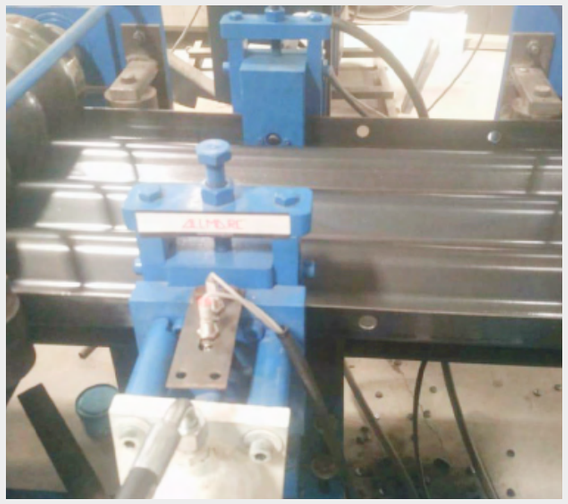
- Alignment and Positioning: The top guide frame ensures precise alignment and positioning.
- Manpower Accessibility: A ladder provision allows easy access for workers.
- Weather Protection: A collapsible roof safeguards the well during the rainy season.
- Efficient Cage Lowering: A reinforcement fixing jig aids in the efficient lowering of the cage.

Manufacturing Process

Raw Material Inward (Sheets in coil form) and MIR

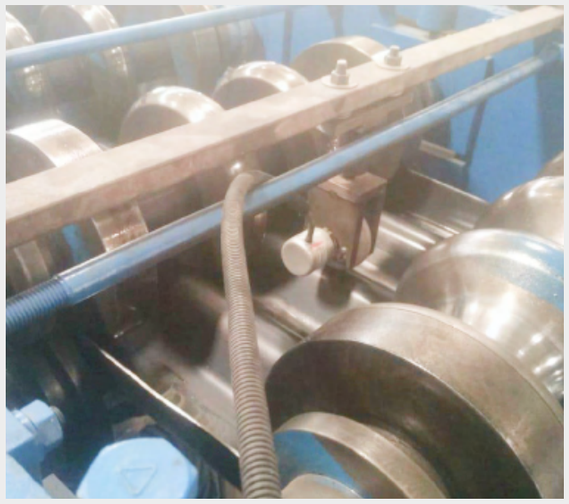


Forming with the roll forming machine



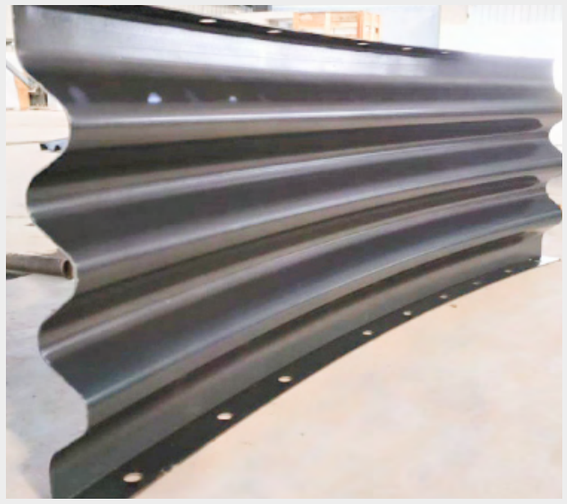
Hole Punching

Curving between (6mtr to 11mtr diameter)



Gauging by Sensors

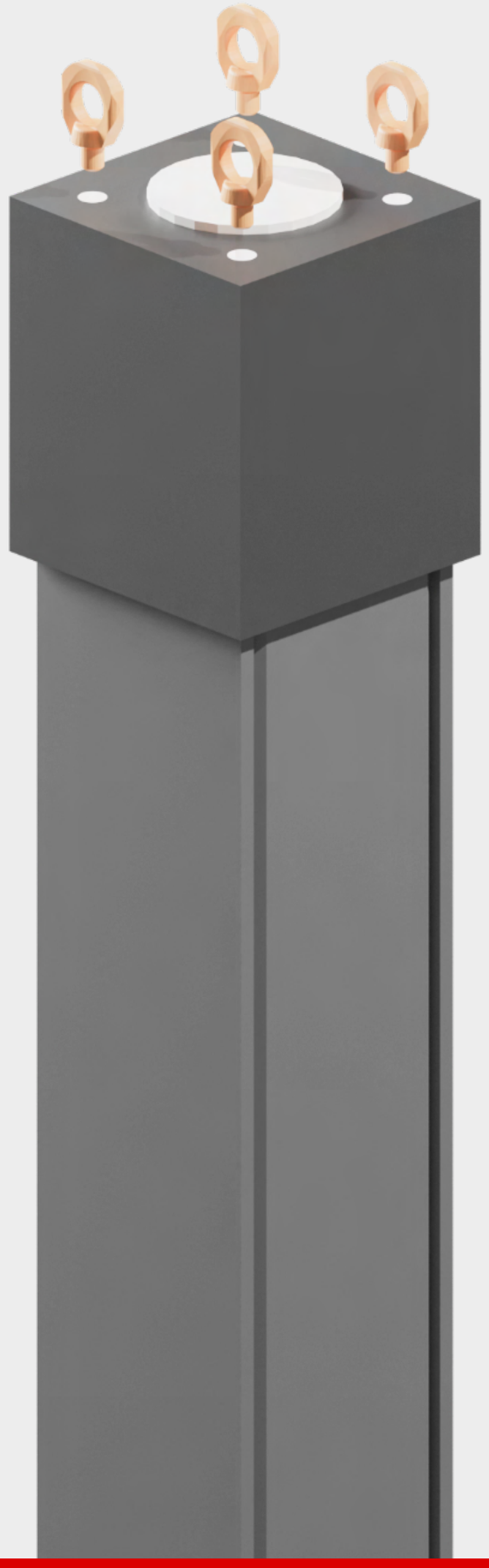
Cutting by Automated Hydraulic Shear Press



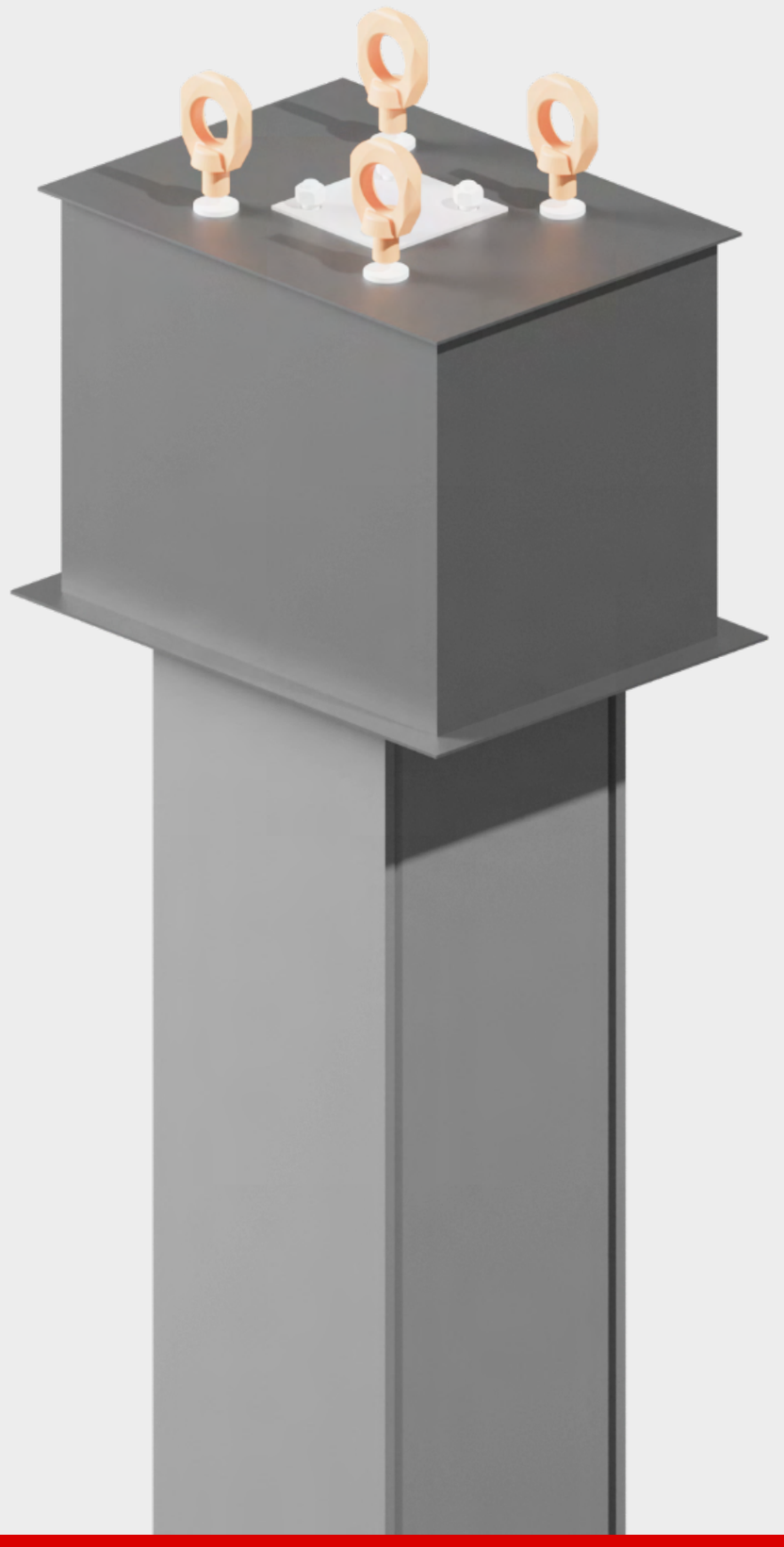
Liner Sheet with end plate and Curve Beam (forming shape)

End Plate Welding by Robot

Fixed Seismic Stopper



Movable Seismic Stopper



Fixed Seismic Stopper

Essential component for safeguarding structures against seismic forces.

Overview

The Fixed Seismic Stopper is a critical element in seismic engineering. It acts as a restraint to mitigate seismic forces and ensure the structural integrity of buildings during seismic events.

Benefits

- Seismic Protection
- Enhanced Structural Safety
- Efficient and Reliable
- Non-Invasive Design

Specifications

- Height: 300mm x 300mm x 1760mm
- MS Plate (Stopper): E350 B0 As per IS 2062
- Rubber: Chloroprene & Sponge as per specification & material criteria
- I Bolt: 8.8 Grade as per IS 4190

Uses

Fixed Seismic Stoppers are employed in construction projects to enhance the seismic resilience of structures and safeguard them from potential earthquake damage.

Movable Seismic Stopper

Versatile seismic protection solution, safeguards structures from earthquake impacts.

Overview

The Movable Seismic Stopper is a versatile and robust solution designed to protect structures from the potentially devastating effects of seismic activity. This innovative device consists of high-quality components, ensuring its reliability in safeguarding buildings during earthquakes. It is designed for ease of movement and deployment, allowing for flexible placement as needed. This mobility, combined with its strong seismic resistance, makes it an essential tool for enhancing structural safety.

Benefits

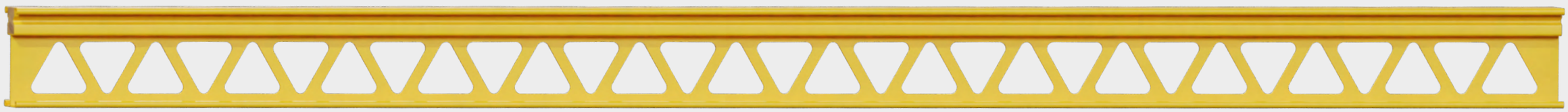
- Seismic Resilience
- Mobility and Versatility
- High-Quality Components
- Enhanced Structural Safety

Specifications

- Height: 300mm x 300mm x 1455mm
- MS Plate (Stopper): E350 B0 as per IS 2062
- MS Plate (Top cover): E250 B0 as per IS 2062
- Rubber: Chloroprene As per specification & material criteria mention in drawing
- I Bolt: 8.8 Grade as per IS 4190
- Screw Stock Nut: 8.8 Grade as per IS 1363

Uses

The Movable Seismic Stopper is utilized in construction and engineering projects to enhance seismic resilience, ensuring that structures remain stable and secure during seismic events. Its mobility and adaptability make it an invaluable tool for addressing seismic safety requirements.



Primary Beam

The Primary Beam, designed for slab formwork and shoring, combines heavy-duty load support, optimal flexural rigidity, and efficient weight distribution to ensure stability and precision in elevated construction

Overview

The Primary Beam takes center stage in slab formwork and shoring applications, offering robust support and structural stability crucial for seamless construction processes. Engineered for reliability, it ensures the integrity of formwork systems, providing a solid foundation for elevated slabs and structures.

Benefits

1. Heavy-Duty Load Support: With a moment (M) of 5 kN.m, the Primary Beam is tailored for heavy load-bearing, making it indispensable in supporting elevated slabs during construction.
2. Optimal Flexural Rigidity: Boasting a flexural rigidity (EI) of 210 kNm2, it resists deformation under load, ensuring the precision and stability required in slab formwork and shoring applications.
3. Efficient Weight Distribution: Weighing 3 kg/m, the beam strikes a balance between strength and maneuverability, facilitating ease of handling and installation in formwork and shoring setups.

Uses

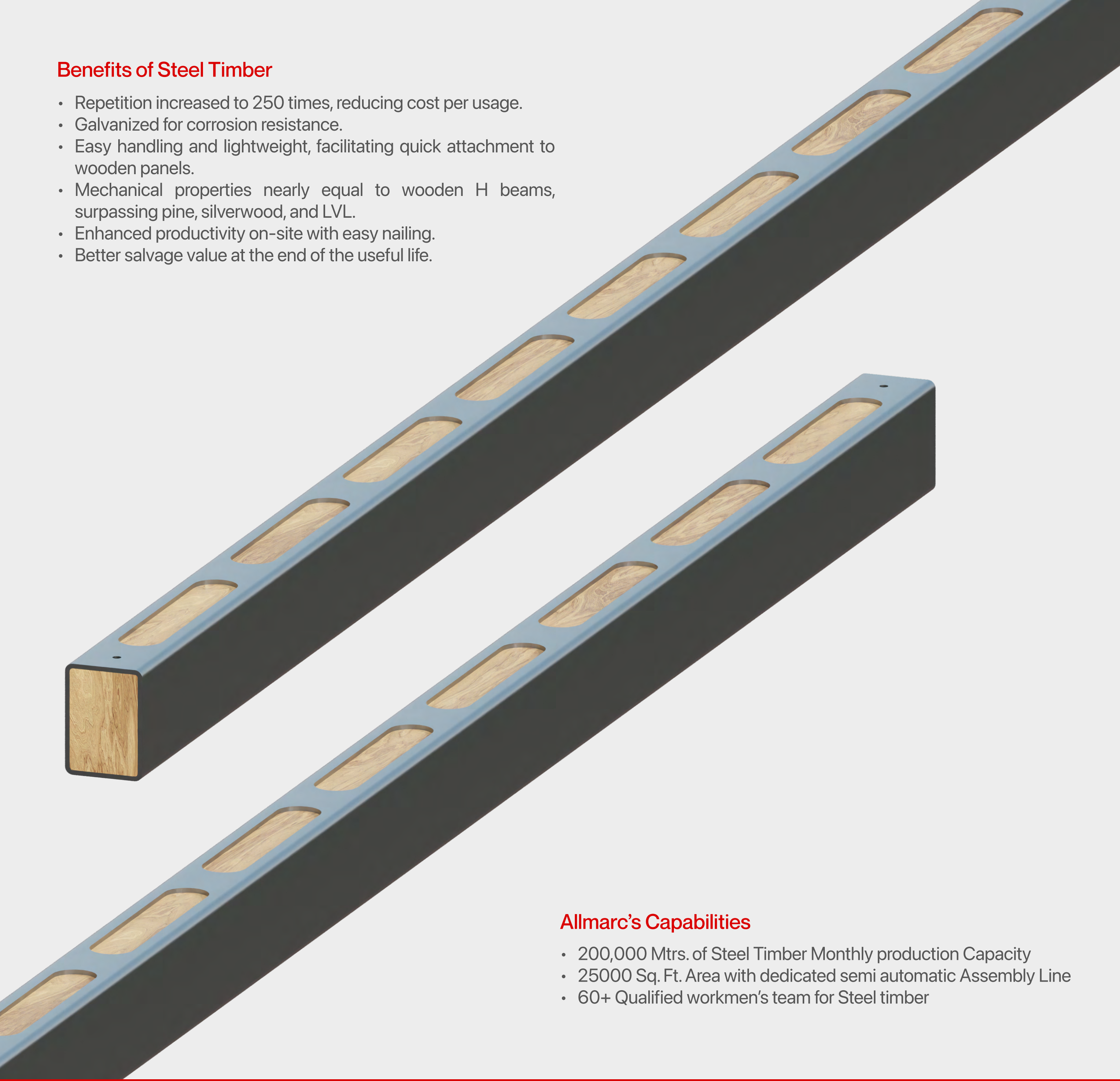
- Slab Formwork: Providing sturdy support for formwork systems, ensuring accurate and secure molding of concrete slabs.
- Shoring Applications: Offering reliable structural support during the construction of elevated structures, enhancing safety and stability.

Specifications

- Size: 1.8m, 2.4m, 3m
- Moment (M) : 5 kN.m
- Shear Force (Fs): 8 kN
- Flexural Rigidity (EI): 420 kNm²
- Weight: 7.52 kg/m
- Section Dimensions: 150 mm (H) x 80mm (W)

Benefits of Steel Timber

- Repetition increased to 250 times, reducing cost per usage.
- Galvanized for corrosion resistance.
- Easy handling and lightweight, facilitating quick attachment to wooden panels.
- Mechanical properties nearly equal to wooden H beams, surpassing pine, silverwood, and LVL.
- Enhanced productivity on-site with easy nailing.
- Better salvage value at the end of the useful life.



Allmarc's Capabilities

- 200,000 Mtrs. of Steel Timber Monthly production Capacity
- 25000 Sq. Ft. Area with dedicated semi automatic Assembly Line
- 60+ Qualified workmen's team for Steel timber

Secondary Beam - Steel Timber

A product that can serve as a substitute for all your wooden battens.

Overview

We offer wooden battens with a full-length steel cover, significantly enhancing reusability up to 250 times. Steel Timber® introduces a distinctive concept, harnessing the synergies of steel and timber seamlessly integrated for conventional construction formwork applications. Its installation is straightforward, requiring no additional costly accessories, and it seamlessly integrates with existing conventional formwork systems.

Applications of Steel Timber in Wall and Column Construction:

Steel Timber finds versatile applications in various structural elements, including Slabs, Beams, Columns and Retaining Walls.

Wall & Column Construction:

- Allowable Concrete Pressure: With a commendable 60kN/m, Steel Timber ensures robust support for wall formwork, accommodating the pressures exerted during concrete pouring.
- Sizes of Steel Timber: Available in lengths of 2.40m & 1.80m, providing flexibility in adapting to different wall dimensions.
- Connection with Standard Waling: Connected seamlessly with Standard Waling of ISMC 100x50, ensuring a secure framework.

Key Accessories for Construction:

- Splice Plate: Facilitates a robust connection with an included connecting pin.
- Adjustable Splice Plate: Ideal for fillers, ensuring adaptability to various wall configurations.
- Corner Connectors: Specifically designed for 90° corners, enhancing the structural integrity of wall formwork.
- Corner Walings: Tailored for internal corner 90°, providing additional support and stability.
- Standard Waling (2X ISMC100x50): Ensures uniform support and reinforcement along the wall formwork.
- Rafter Plate: Enhances the overall stability of the formwork system.
- Lifting Hooks: Streamlines the handling and installation process.
- Pouring Brackets and Plumbing Accessories: Essential components for a seamless concrete pouring process, ensuring precision and accuracy in wall construction.

Steel timbers serve as secondary beams in slab construction, offering flexibility in connecting with plywood and primary beams. The allowable spacing center-to-center for slab primaries is determined while considering 18mm plywood.

Slab Thickness	Maximum Secondary Spacing	L, mm
200 mm	488 mm	18 mm
250 mm	488 mm	18 mm
300 mm	488 mm	18 mm
350 mm	348 mm	18 mm

Please Consult an Allmarc engineer for precise allowable Secondary spacing as per Site Slab Thickness.
Spacing also Changes due to varying Plywood thickness.

Specifications - Steel Timber

Pre-Galvanized Iron Pipe: Rectangular pipes with a pre-galvanized coating, featuring YST 210 steel and a 2mm thickness, enhance the product's strength. Utilizing top-quality wood from Germany, Australia, and New Zealand ensures the highest quality.

Specifications

- Size: 1.2m, 1.5m, 1.8m, 2.4m
- Moment (M) : 2 kN.m
- Shear Force (Fs): 5 kN
- Flexural Rigidity (EI): 54 kNm²
- Weight: 4.4 kg/m
- Section Dimensions: 70 mm (H) x 50mm (W)

Advantages of Allmarc's Steel Timber

- Tested at IIT Chennai.
- Laser-cut slots for easy on-site nailing.
- Timber fastened to pipes with Zinc Plated Chip-Board Screws to prevent movement.
- Automatic machine for batch timber insertion, enhancing efficiency and eliminating gaps.
- Durable Galvanized Iron End Caps provide protection and enhance product aesthetics.
- Zinc-rich paint on all edges ensures maximum corrosion resistance and longer product life.
- Bundled steel timbers for efficient transportation space utilization, strapped, and palletized for protection during transit.

Machineries Used in the Production of Steel Timber

- 6 KW Fiber Laser Cutting Machine
- Automatic Slot Punching Machine with Pneumatic Feeding System
- Semi-Automated Pipe Length Cutting Machines
- Automatic Timber Planning Machines
- Timber Length Cutting Machines
- Customized Automation for Timber Insertion into Pipe
- Drilling & Tapping Machines

Allbeam - Aluminium Beams

We offer Aluminium Webbed Beams, available in both Single and Double Webbed designs. These beams are engineered to provide a lightweight yet robust solution for diverse construction applications, combining strength, versatility, and durability.

Allbeam - Aluminium Single Webbed Beam

The Allbeam Aluminium Single Webbed Beam is a lightweight and durable solution designed for various construction applications. Its innovative design ensures optimal strength while maintaining versatility.

Benefits:

- Lightweight Construction: Facilitates easy handling and installation on-site.
- High Strength: Provides robust support for formwork systems without compromising on weight.
- Versatility: Suitable for a range of construction projects, enhancing flexibility in application.

Specifications:

- Length: 1.8m, 2.4m, 3m
- Moment (M) : 5 kN.m
- Shear Force (Fs): 7.5 kN
- Flexural Rigidity (EI): 210 kNm²
- Weight: 3.0 kg/m
- Section Dimensions: 150 mm (H) x 75mm (W)

Uses:

- Ideal for slab formwork, offering reliable support for concrete casting.
- Well-suited for horizontal applications where a single-webbed beam is preferred.

Allbeam - Aluminium Double Webbed Beam

The Allbeam Aluminium Double Webbed Beam is a robust and versatile solution engineered to meet the demands of modern construction. Its double webbed design enhances strength and stability.

Benefits:

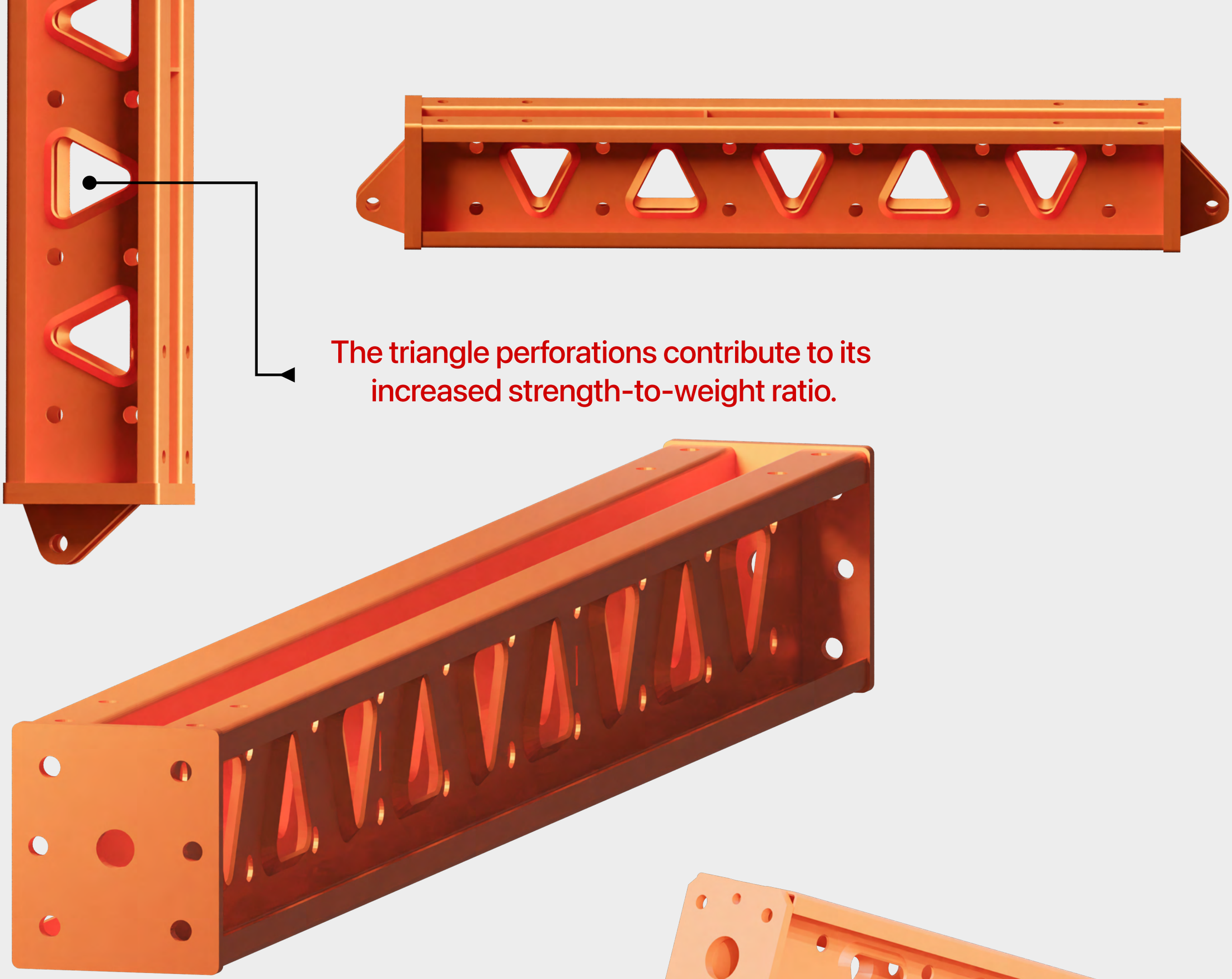
- Enhanced Load-Bearing Capacity: The double webbed design provides additional strength for heavier loads.
- Durability: Constructed from high-quality aluminium alloy for long-lasting performance.
- Versatile Application: Suited for a wide range of construction projects requiring increased load-bearing capacity.

Specifications:

- Length: 1.8m, 2.4m, 3m

Uses:

- Perfect for vertical applications where additional strength is essential.
- Suitable for supporting heavy loads in wall formwork and other vertical structures.



The triangle perforations contribute to its increased strength-to-weight ratio.

Hinged U Head

Precision-designed Hinged U Head for AllSlim soldering beams, ensuring secure and versatile support

Allslim Soldering Beam

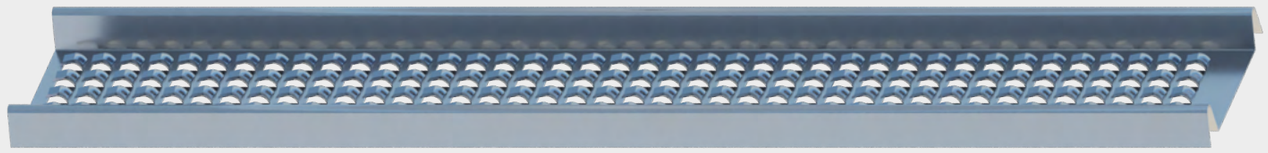
Allslim Soldering Beam is an exceptional primary beam known for its unmatched strength-to-weight ratio, adaptability, and a wide range of applications. Our Allslim Beams offers reusability across multiple construction sites and various temporary work applications.

- **Lightweight Design**
  Maximizes efficiency during assembly and handling, reducing labor and material costs.
- **Perforated Structure**
  Innovative design enhances structural integrity and strength-to-weight ratio.
- **Versatile Length Configuration**
  Easily assembled into beams ranging from 300mm to 3000mm, offering great adaptability to construction needs.
- **Safety Assurance**
  Manufactured from high-yield steel to provide a secure and stable working environment.

Specifications

Part Code	Component	B x H x Thickness, mm	Length, mm
ASSB-300	AllSlim Soldier Beam-300	130 x 150 x 3.0	300
ASSB-450	AllSlim Soldier Beam-450	130 x 150 x 3.0	450
ASSB-600	AllSlim Soldier Beam-600	130 x 150 x 3.0	600
ASSB-750	AllSlim Soldier Beam-750	130 x 150 x 3.0	750
ASSB-900	AllSlim Soldier Beam-900	130 x 150 x 3.0	900
ASSB-1050	AllSlim Soldier Beam-1050	130 x 150 x 3.0	1050
ASSB-1200	AllSlim Soldier Beam-1200	130 x 150 x 3.0	1200
ASSB-1500	AllSlim Soldier Beam-1500	130 x 150 x 3.0	1500
ASSB-1800	AllSlim Soldier Beam-1800	130 x 150 x 3.0	1800
ASSB-2100	AllSlim Soldier Beam-2100	130 x 150 x 3.0	2100
ASSB-2400	AllSlim Soldier Beam-2400	130 x 150 x 3.0	2400
ASSB-2700	AllSlim Soldier Beam-2700	130 x 150 x 3.0	2700
ASSB-3000	AllSlim Soldier Beam-3000	130 x 150 x 3.0	3000

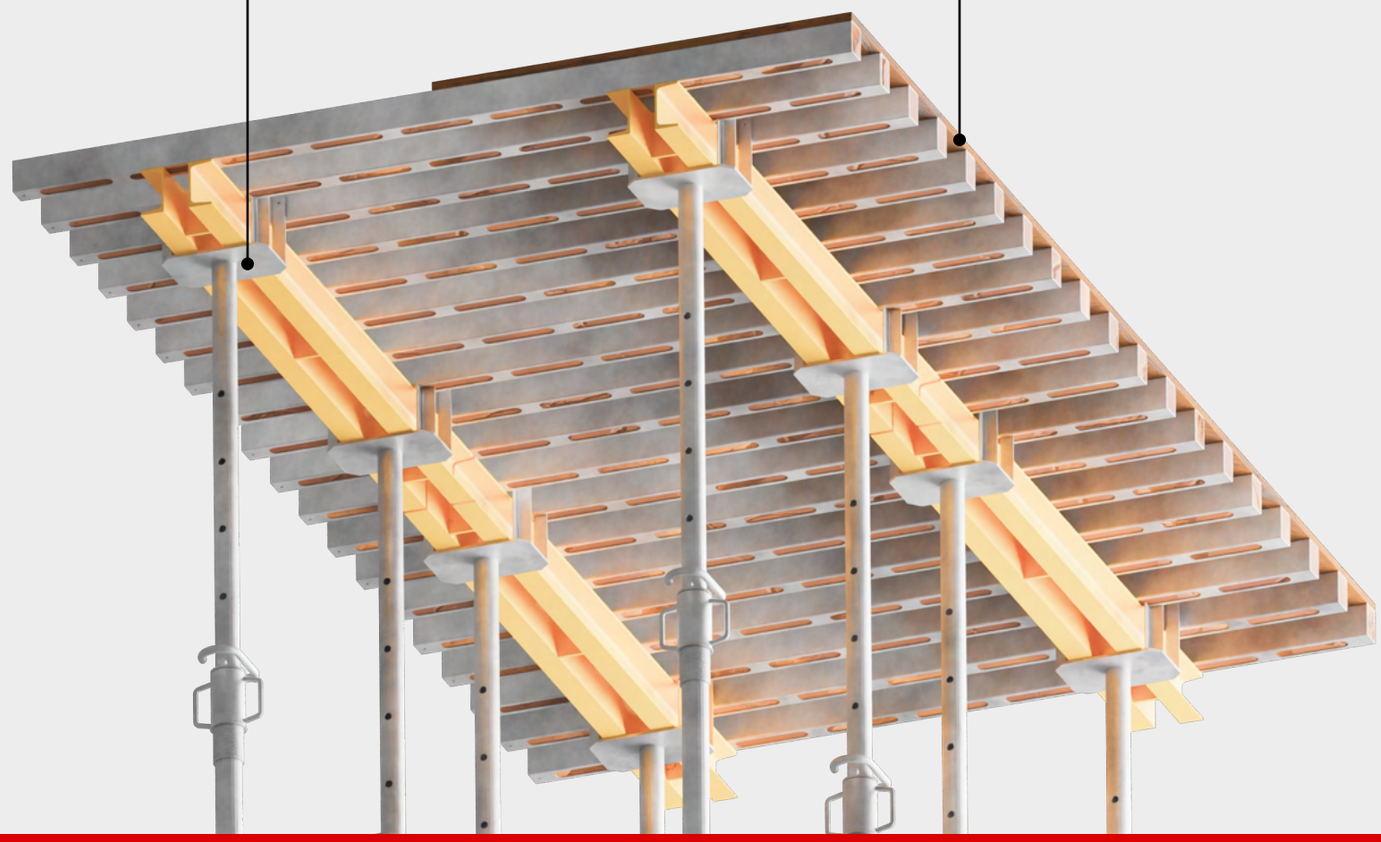
PROPS



HY-RIB

4 WAY HEAD / CROSS HEAD

BIRCH PLY



FORMWORK ACCESSORIES

Essential tools for seamless formwork construction and optimal project execution.

Formwork Props

Reliable and high-capacity support systems for formwork construction, produced with precision and efficiency.

Props Extension

Extension components designed to enhance the height range of standard props.

Prop Head

The topmost part of a prop, providing stable support to beams and formwork.

U Head

U-shaped support heads facilitating secure beam placement in formwork.

4 Way Head / Cross Head

Versatile head components allowing multi-directional support for beams.

Hy-rib

Corrugated steel sheets designed for use in concrete formwork applications.

Birch Ply

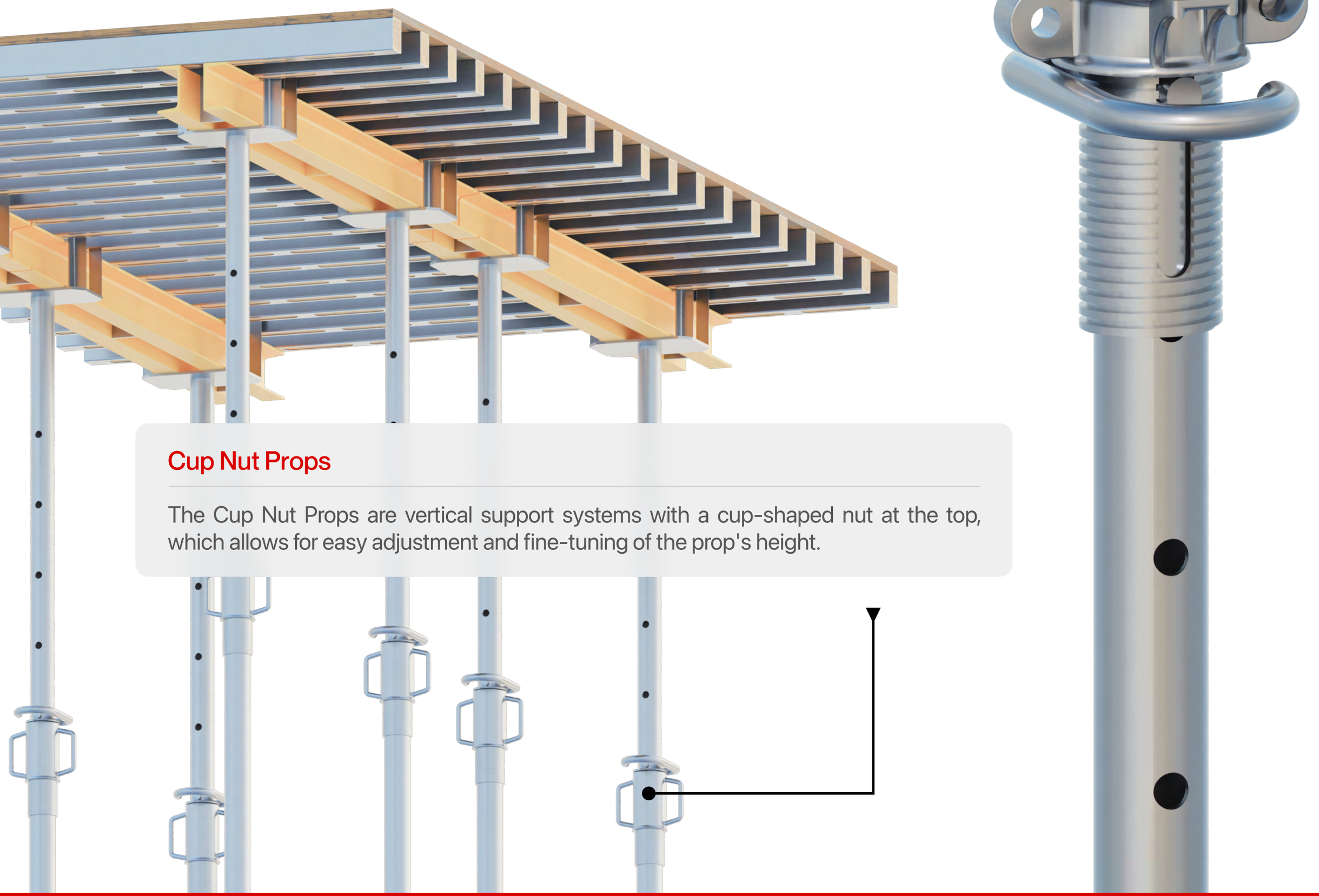
High-quality plywood made from birch wood, ideal for various construction and formwork needs.

Bracket

Adaptable platforms for flexible worker positioning, promoting safety and efficiency on construction sites.

Thread Nut Props

The Thread Nut Props feature a threaded nut mechanism for adjusting the prop's height. These are suited for applications where a threaded adjustment is preferred.



Cup Nut Props

The Cup Nut Props are vertical support systems with a cup-shaped nut at the top, which allows for easy adjustment and fine-tuning of the prop's height.

Props

Props are adjustable vertical supports that ensure stability and load-bearing capacity in construction projects.

Overview

Props are essential components in construction, providing crucial vertical support to structures. These telescopic steel or aluminum supports are highly adjustable, making them suitable for various applications. They help maintain structural integrity and load-bearing capacity throughout different phases of construction.

Benefits

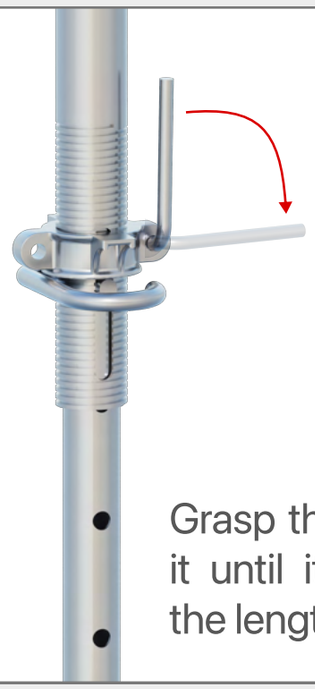
- Load-Bearing: Props effectively support heavy loads, ensuring structural stability.
- Adjustable: The telescopic design allows for precise height adjustments, accommodating diverse construction requirements.
- Versatile: Props can be used in formwork, scaffolding, and shoring systems.
- Safety: These supports play a pivotal role in ensuring the safety of workers and the durability of the structure.

Uses

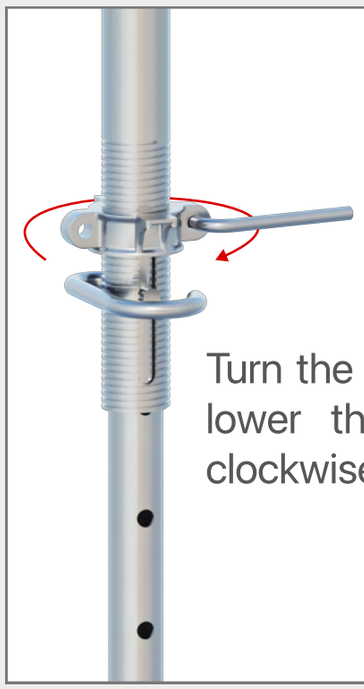
Props serve a vital function in construction, ensuring stability and safety by supporting structural elements such as slabs and beams. They are versatile tools widely used in formwork systems, scaffolding, and shoring structures.

Production Capacity

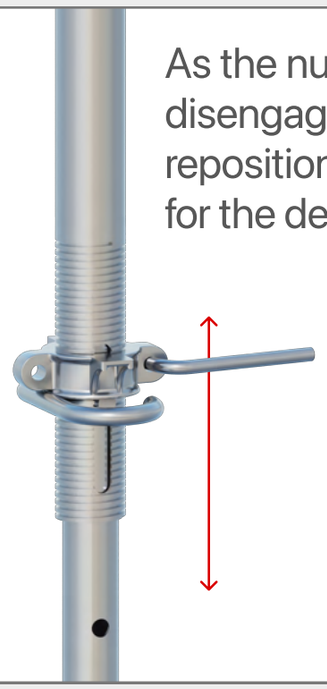
Our state-of-the-art machinery is well-equipped to efficiently produce formwork props. With a daily manufacturing capacity of 500 props during a single shift, we ensure high-quality and timely production to meet your construction needs.



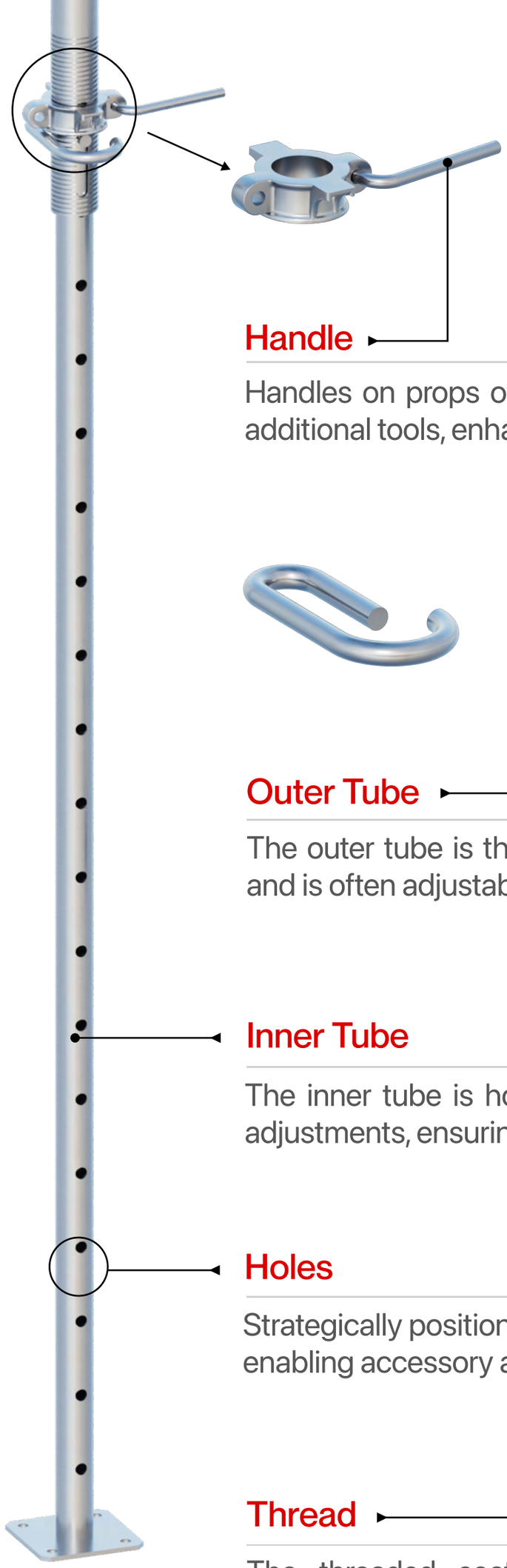
Grasp the handle and rotate it until it's perpendicular to the length of the prop.



Turn the handle clockwise to lower the nut or counter-clockwise to raise it.



As the nut moves, the pin will disengage, allowing you to reposition it in different holes for the desired height.



Nut

The nut is an essential component for height adjustment and stability. Its threaded interior matches the prop's tube, enabling precise height changes by rotation.

Handle

Handles on props offer ergonomic grips for effortless height adjustments without additional tools, enhancing user-friendliness and efficiency in construction tasks.

Pin

Prop pins serve as locks to maintain the prop's length once adjusted, ensuring structural stability and safety.

Outer Tube

The outer tube is the exterior cylindrical structure. It provides the primary support and is often adjustable in length, playing a key role in bearing & distributing loads.

Inner Tube

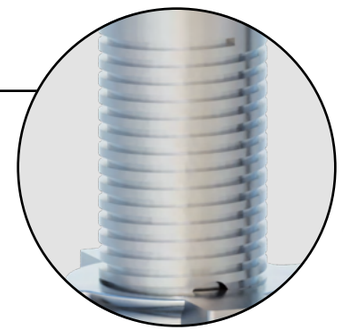
The inner tube is housed within the outer tube of props. It allows for fine height adjustments, ensuring precise leveling and structural stability.

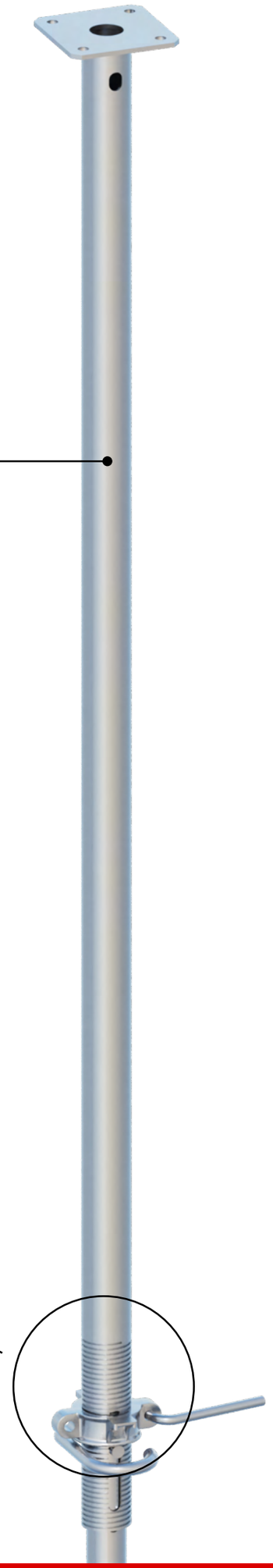
Holes

Strategically positioned holes serve as safety pin locks, allow for height adjustments, enabling accessory attachments, enhancing their versatility, stability, & safety.

Thread

The threaded section of the prop's tube allows nut attachment, facilitating height adjustment and load support.





Process and Machinery Involved

Raw Material Selection

After receiving an order, our technical department meticulously selects the appropriate raw material based on the specific prop requirements. The chosen raw material undergoes a rigorous quality assessment conducted by our dedicated quality team.

Cutting and Drilling

The selected pipes are then moved to the cutting and drilling phase. With the aid of our state-of-the-art Laser pipe cutting machine, we achieve precise, clear cuts on both the internal and external pipes, maintaining a tolerance of ±1mm. Thanks to cutting-edge technology, the drilling process is rapid, accurate, and free of burrs.

Threading and Welding

Subsequently, the pipes advance to the threading and welding stage. Our threading machine is capable of threading steel pipes with diameters ranging from 38mm to 90mm. We offer customization of the machine according to customer specifications, accommodating both 3TPI and 4TPI threading requirements.

Galvanization or Powder Coating Process

Following welding, the props proceed to the galvanization or powder coating process. Hot-dip galvanization is chosen for enhanced durability, rendering the props suitable for all environments while withstanding external atmospheric elements. Our selection of galvanization method and specifications is tailored to meet individual customer preferences and needs.

Advantages of Allmarc Props

- On-time delivery for uninterrupted construction confidence.
- Balancing cost and quality in every prop we offer.
- Galvanized props for enduring, corrosion-free construction.
- Highest quality control and quality checks of raw material and dimensions.
- Lab testing and reports on request.
- Better salvage value at the end of the useful life.

Additional Accessories

Props Extension

Props Extension components are crucial in construction projects where varying height requirements are essential. These extensions seamlessly integrate with standard props, allowing for an extended height range. This adaptability is particularly useful in formwork scenarios where diverse construction needs demand flexible and reliable vertical support.

Prop Head

The Prop Head is the pinnacle of stability in formwork construction. Placed atop props, it provides a secure foundation for beams and formwork structures. Its design prioritizes stability, ensuring the structural integrity of vertical elements in construction projects.

U Head

U Head components exhibit a unique design, forming a U-shaped support structure that excels in securely holding beams within formwork systems. This design not only enhances stability but also streamlines the placement of beams, contributing to efficient and reliable construction practices.

4 Way Head / Cross Head

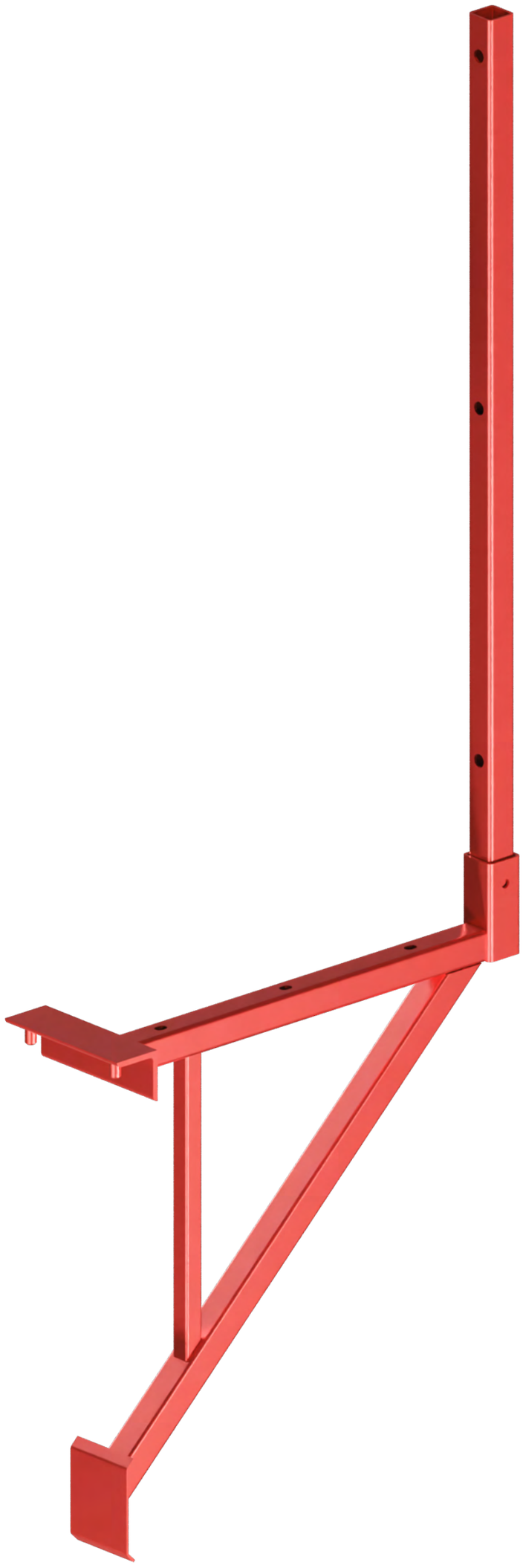
The 4 Way Head, or Cross Head, is a versatile component designed to offer multi-directional support for beams within formwork. Its adaptability allows for a wide range of applications, ensuring robust support in diverse construction scenarios where flexibility is paramount.

Birch Ply

Birch Ply stands as a high-quality plywood variant crafted from durable birch wood. Recognized for its strength and versatility, Birch Ply is a trusted material in construction and formwork applications. Its sturdy composition makes it an ideal choice for various construction needs, ensuring reliability and longevity in projects of diverse scales.

Effortless Worker Mobility

The brackets offer a seamlessly adjustable platform for workers, effortlessly sliding along the panels to accommodate their changing positions. They fit naturally into the system for maximum convenience.



Brackets

Formwork brackets are adaptable platforms for flexible worker positioning, promoting safety and efficiency on construction sites.

Overview

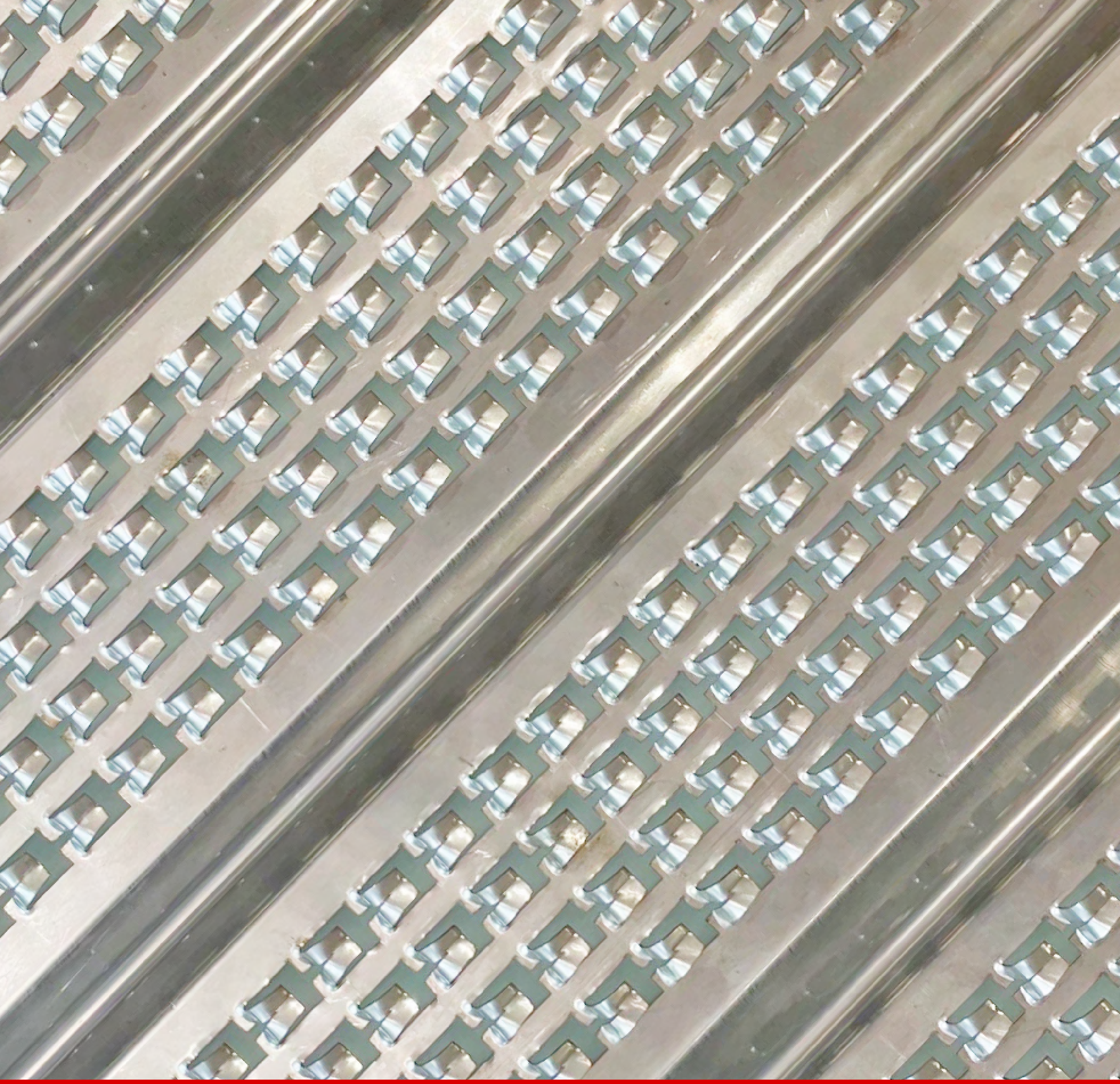
Formwork brackets are an integral component of formwork systems, providing a versatile and easily detachable platform that allows workers to access various positions during construction activities. These brackets are designed for optimal safety and convenience, ensuring that workers can efficiently change their positions as needed. The adjustable nature of these platforms simplifies the process of adapting to different construction phases.

Benefits

- Enhanced Worker Accessibility: Brackets provide a safe & adaptable platform for workers to access multiple positions on jobsite.
- Increased Efficiency: Their adjustability streamlines worker movements, saving time and labor.
- Safety Assurance: These brackets are designed with safety in mind, reducing the risk of accidents during positional changes.
- Cost-Effective: Formwork brackets offer an economical solution for ensuring workers' access to various work areas.

Uses

Formwork brackets are used in the construction industry to facilitate the movement of workers between different positions, ensuring they can efficiently complete tasks in various areas of the construction site.



HY-RIB

Hy-Rib is a sacrificial expanded metal formwork that improves concrete bonding, reduces surface preparation, and enhances construction efficiency.

Overview

Hy-Rib is a specialized expanded metal sheet product engineered for use as permanent formwork in concrete applications. Its open mesh profile facilitates the flow of concrete slurry through the keyjoint, creating a robust mechanical key for subsequent pours. While primarily utilized for construction joint applications, Hy-Rib also proves valuable in scenarios such as wall, beam, column, and soffit slab construction, where the formed surface remains unseen.

The principal advantage of Hy-Rib lies in its substantial reduction of surface preparation. When concreting resumes on the other side of the formwork, the angled tangs become embedded, forming a sturdy mechanical bond. Consequently, Hy-Rib joints exhibit superior strength compared to traditional joints.

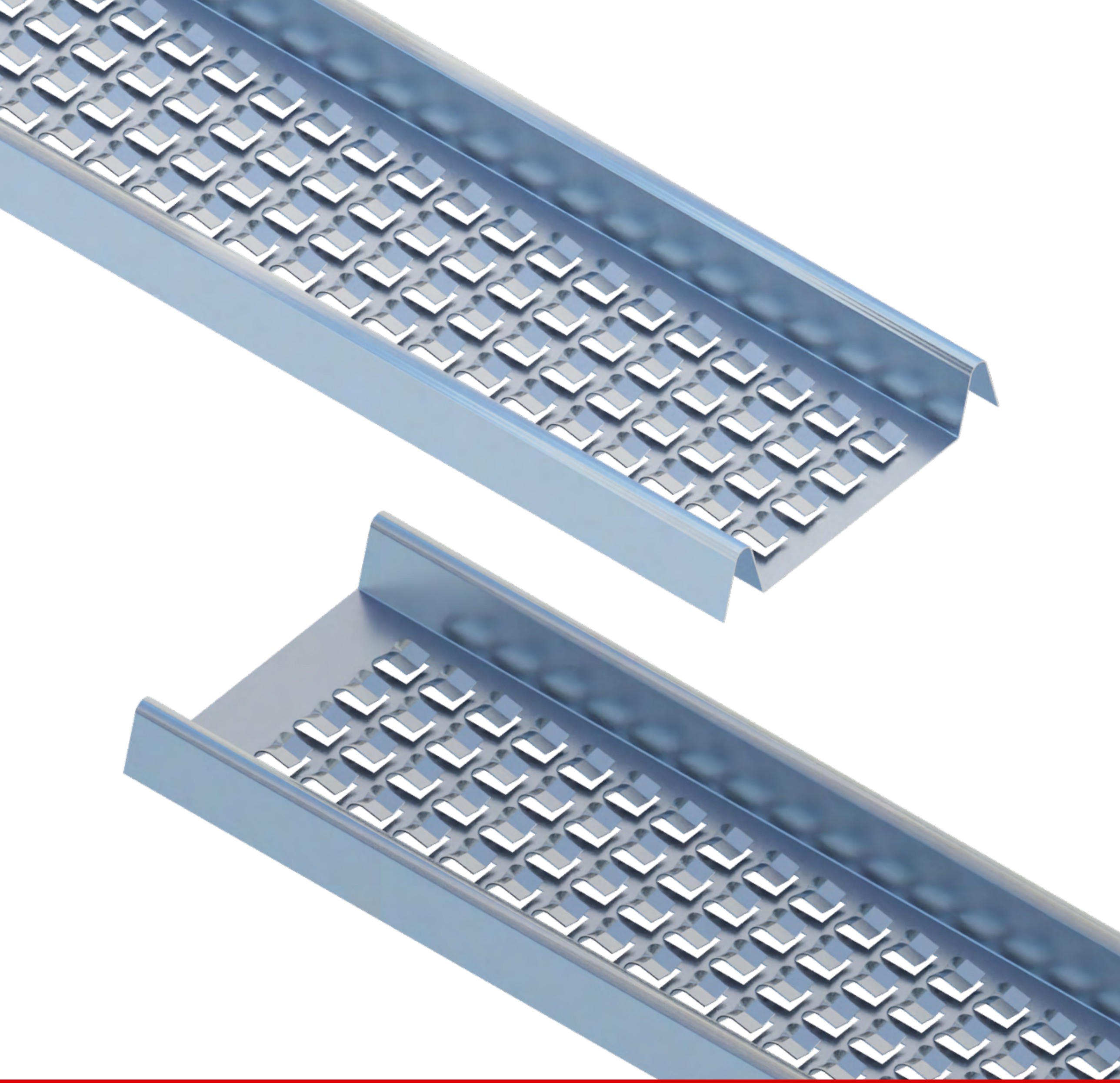
Hy-Rib is versatile and suitable for use in single-faced, double-faced, curved, lost formwork, or underwater settings, combining the strengths of steel and timber to provide reliable performance in conventional construction formwork.

Benefits

- Hy-Rib joints surpass traditionally prepared joints in shear and bond strength.
- Mitigates the risk of Hand and Arm Vibration injuries (commonly referred to as "white finger").
- Facilitates real-time visual monitoring of the pouring process, reducing the likelihood of voids and honeycombing.
- Effectively adaptable for both vertical and horizontal applications.
- Its lightweight design simplifies on-site handling, accelerating construction and reducing labor requirements.
- Compatible with various concrete types and necessitates minimal support systems.

Uses

Hy-Rib is applied to various concrete construction scenarios where a sturdy, effective formwork solution is needed. Its primary use is for construction joints, but it also serves well in wall, beam, column, and soffit slab construction, especially in cases where the formed surface will not be visible.

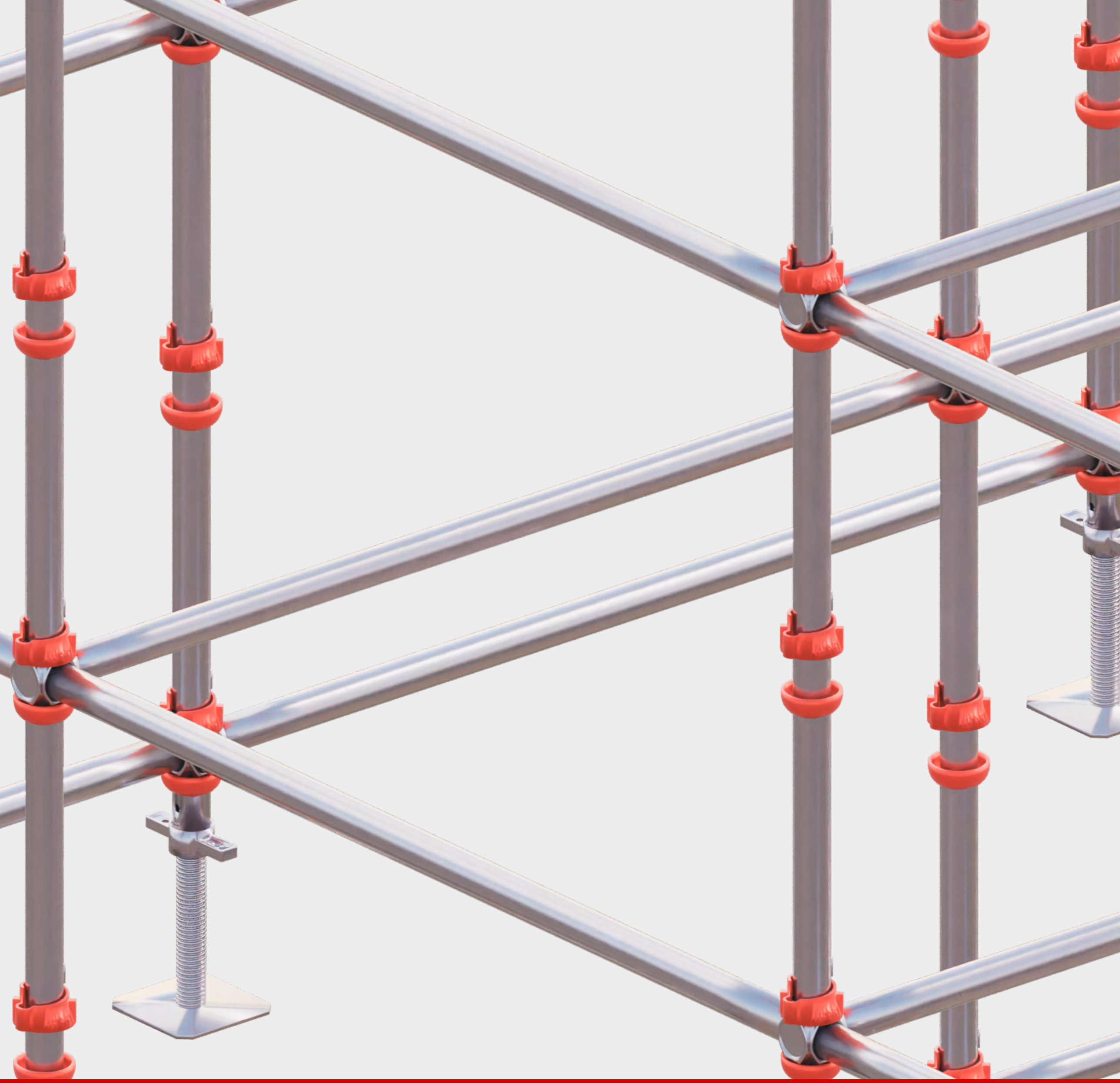


Product Specifications

Hy-Rib is available in Different Gauges and Dimensions. The sheets are identifiable by Various colour strips.

Ref	Description	Typical Application	Material Guage	Weight Kg/m²	Rib Depth	Sheet Lengths	Material
2811 IC Colour	Hy-Rib	Carrier for all plaster finishes	0.40	3.39	20.8	2000-5000	Galvanized Steel Z275
2611 IC Colour	Hy-Rib	Carrier for all plaster finishes	0.50	4.23	20.8	2000-5000	Galvanized Steel Z275
2411 IC Colour	Hy-Rib	Carrier for all plaster finishes	0.75	6.34	20.8	2000-5000	Galvanized Steel Z275
28115304 IC Colour	Hy-Rib	Permanent Formwork. Carrier for all render finishes	0.40	3.40	20.8	2000-5000	Stainless Steel 1,4301
2811S316 IC Colour	Hy-Rib	Permanent Formwork. Carrier for all render finishes	0.40	3.40	20.8	2000-5000	Stainless Steel 1,4301

Hy-Rib Standard Sheet Sizes	Width (Outer Rib Centres)	
	6 Rib	445mm wide
	5 Rib	356mm wide
	4 Rib	267mm wide
	3 Rib	178mm wide
	2 Rib	89mm wide



Scaffolding Solutions

Your trusted partner in providing versatile, reliable & safe access systems for elevated construction projects ensuring efficient workflows, maximum worker safety, and seamless project execution, empowering you to reach new heights with confidence.

Planks

Durable and versatile planks providing a safe and stable platform for efficient construction workflows.

Toe Guard

Reliable protection against falling objects, ensuring a secure and hazard-free working environment.

Cup Lock

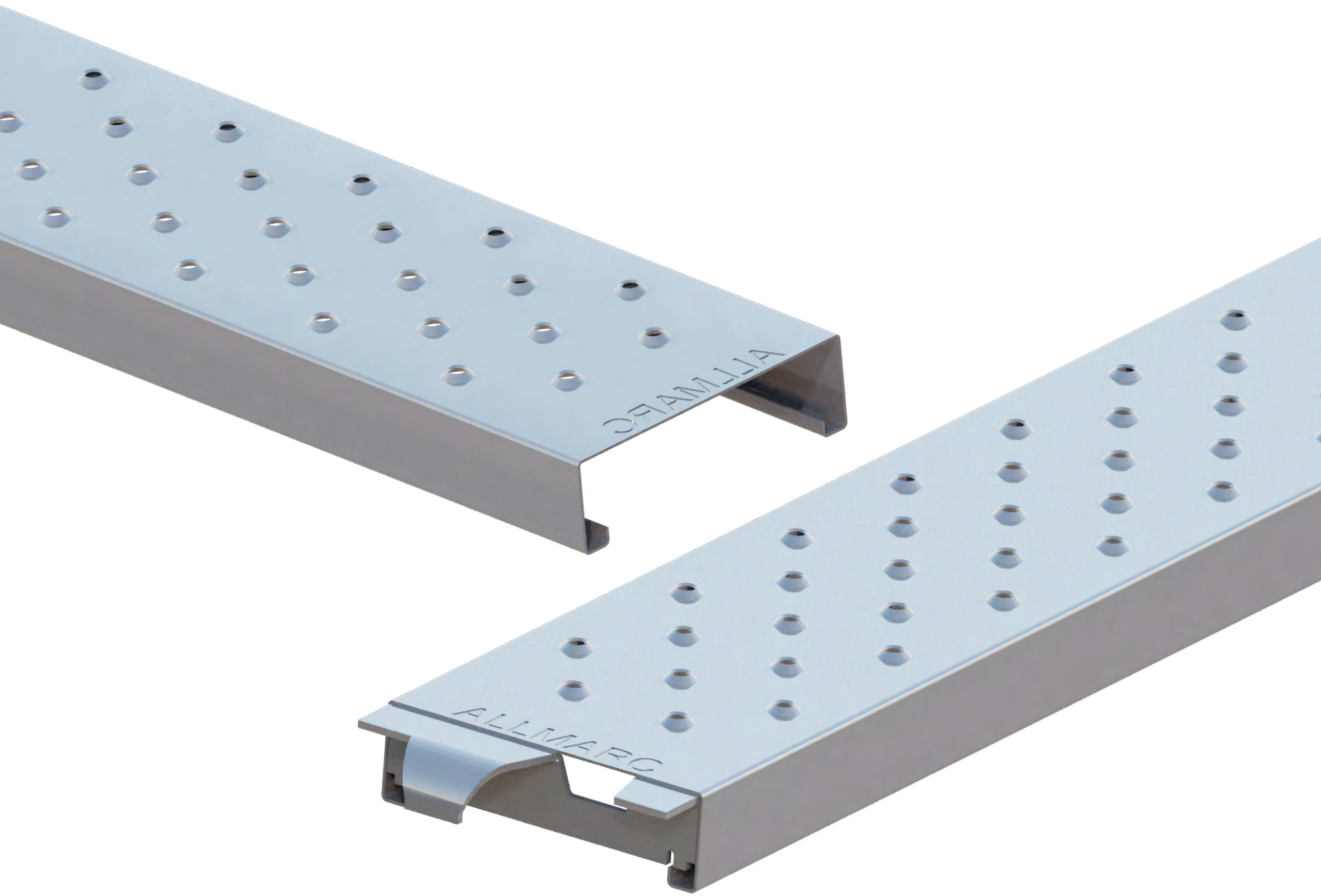
Superior strength and versatility for quick assembly, high load-bearing capacity, and efficient support.

Decking

Robust and slip-resistant platform for elevated construction, enhancing worker safety & workflow efficiency.

Aliases

Our Scaffolding Planks are known by various names, including Steel Planks, Steel Boards, Metal Boards, Metal Decks, Khapeda, Walkway Planks, Walkway Boards, Scaffold Platforms, Scaffold Decking, Scaffold Boards, and Scaffold Planks.



Uses

Scaffolding Walkway Planks are indispensable in the construction industry for creating safe walkways and platforms for workers on various structures, including buildings, bridges, and more. These planks provide a stable surface for construction workers to navigate and perform their tasks while ensuring their safety.

Planks

Allmarc Industries manufactures a wide range of scaffolding walkway planks with customizable options, utilizing cutting-edge technology and rigorous quality testing to ensure top-tier performance and safety.

Overview and Manufacturing Process

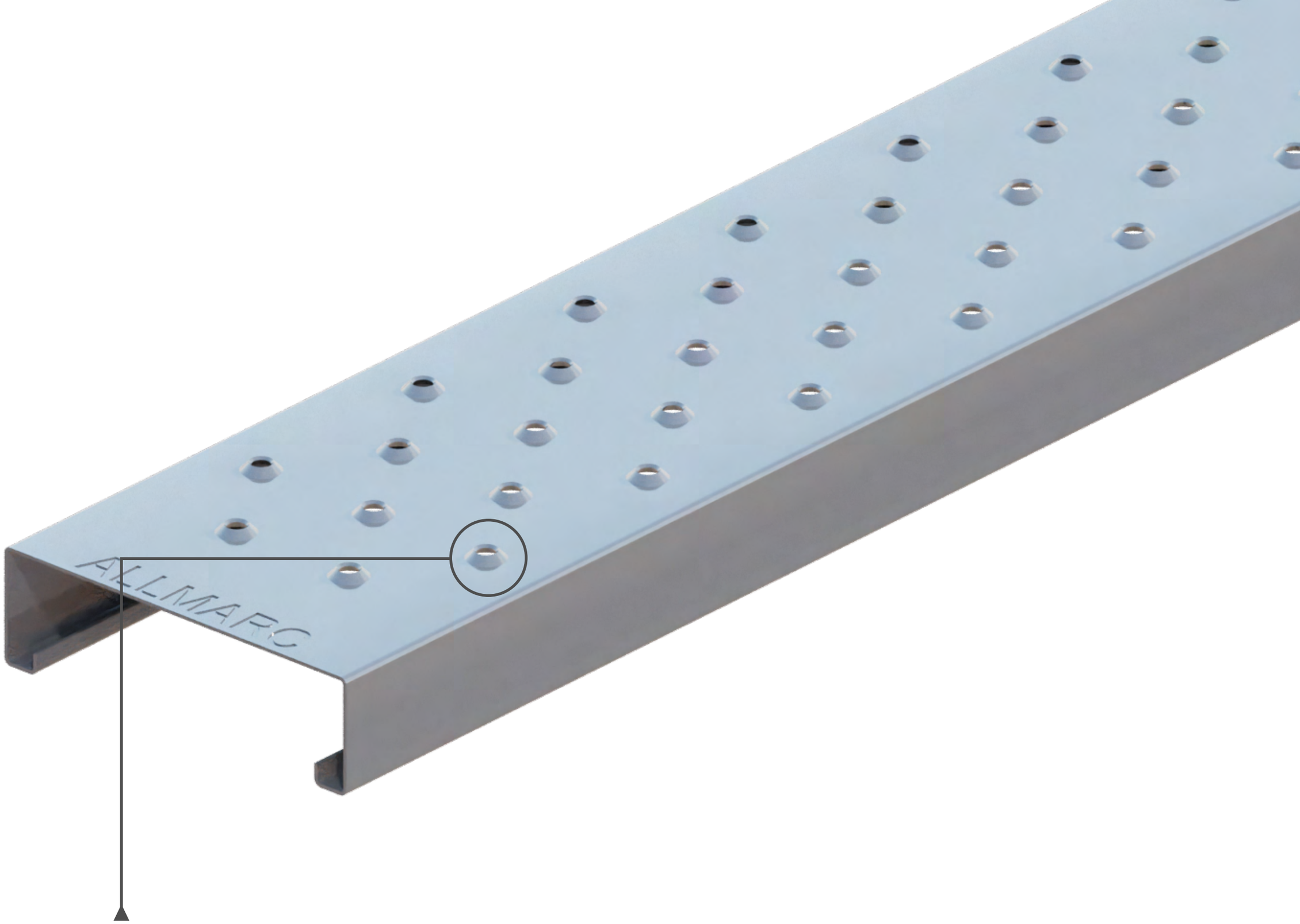
At Allmarc Industries, we take pride in being a leading manufacturer and exporter of Scaffolding Walkway Planks. Our commitment goes beyond standard sizes and types; we offer a wide range of planks, including various hook types, embossing styles, construction materials, and custom lengths, widths, and heights. To manufacture these planks, we leverage the precision of roll forming and CNC bending machines to provide tailored dimensions. For different embossing styles, we employ hydraulic and mechanical power presses. Our Tool Room and R&D Department handle die and punch development, ensuring continuous progress. The assembly and welding phases include certified welders and automated robotic welding machines, with welding techniques tailored to each plank's design. Our decision to integrate robotic welding technology enhances consistency, as these systems operate continuously, offering repeated quality in welds, which can be challenging for manual welding due to its repetitive nature.

Testing and Quality Assurance

Allmarc Industries' Planks are meticulously manufactured to meet or exceed OSHA and ANSI recommendations. We collaborate with an NABL Approved Laboratory, an accredited third-party independent testing lab, to conduct load testing on our Scaffolding Planks. We also perform in-house load testing on randomly selected planks throughout the manufacturing process. Our Quality Department rigorously verifies different parameters, assuring the highest quality standards. This high-tech manufacturing process results in a superior, consistent product, ensuring the safety of workers on scaffolding structures.

Benefits

- Lightweight Design: Planks are designed to be easily handled and moved.
- High Load-Carrying Capacity: They can support substantial loads compared to their own weight.
- Weather-Resistant: Plank load capacity remains consistent regardless of weather conditions.
- Anti-Skid Perforated Dimple Tread Design: Minimizes accidents, especially in slippery conditions.
- Fire and Corrosion Resistance: Ideal for use in environments involving welding or burning.
- Long-Term Durability: Our planks are built to withstand extended use.
- Stackable Design: Saves storage and transportation costs.
- Versatile Compatibility: Works with various scaffolding structures, including Cuplock, Ring Lock, and Tube and Coupler Scaffolding.
- Made In INDIA: We take pride in our commitment to local manufacturing.



Benefits of circular perforations

Enhanced Traction

The perforated dimple tread design provides a textured surface that significantly improves traction. This feature helps reduce the risk of slips and falls, especially in wet or slippery conditions, enhancing safety for workers.

Slip-resistance Surface

The circular perforations allow water to drain through the planks, preventing the accumulation of standing water. This drainage feature is especially valuable during rainy or wet weather, maintaining a secure and slip-resistant surface.

Clean with Ease

The perforations assist in removing debris and materials, such as dirt, mud, or small construction materials, from the surface of the plank. This ensures a cleaner and safer working environment.

High Durability

The open perforated design minimizes the collection of moisture and debris, reducing the risk of corrosion. This contributes to the longevity and durability of the planks.

Planks without Hook

Without Hook Planks are commonly used in modular scaffolding systems worldwide. Their unique lightweight design makes them ideal for use as walkway planks in scaffolding.

Overview and Manufacturing Process

Without Hook Planks are widely utilized in various modular scaffolding systems across the globe. These planks are prized for their distinct lightweight construction, making them the perfect choice for walkway planks in scaffolding applications. Allmarc Industries, a leading manufacturer of walkway planks, employs a Roll Forming System for standard sizes to ensure the reproducibility of planks. For non-standard sizes, we utilize CNC Bending Machines equipped with hydraulic and power presses. In addition to our standard planks, we have the capability to craft planks according to your specific requirements.

Benefits

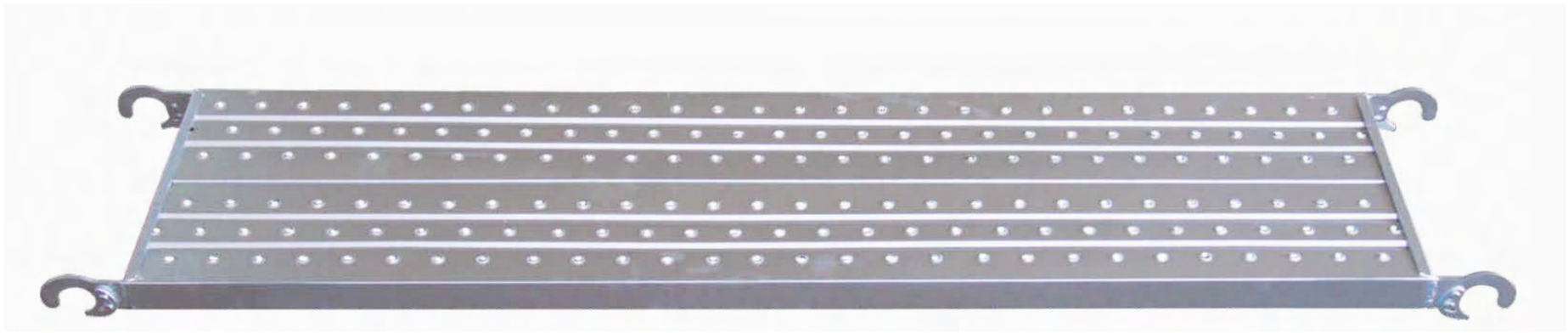
- Lightweight Design: Without Hook Planks are easy to handle and install.
- Reproducibility: Standard sizes are manufactured using a Roll Forming System for consistent quality.
- Customization: These planks can be tailored to meet unique size requirements.
- Versatile Usage: Suitable for walkway planks in various modular scaffolding systems.

Uses

Without Hook Planks are primarily used as walkway planks in modular scaffolding systems of different types.

Specification (Customisation Available)

Standard Width	Standard Height
200 mm to 1000 mm	25 mm to 100 mm
Standard Length	Standard Thickness
200 mm to 8000 mm	1.8 mm to 5 mm
Surface Finish	
Painted, Pre Galvanised, Hot Dip Galvanised, Powder Coated	

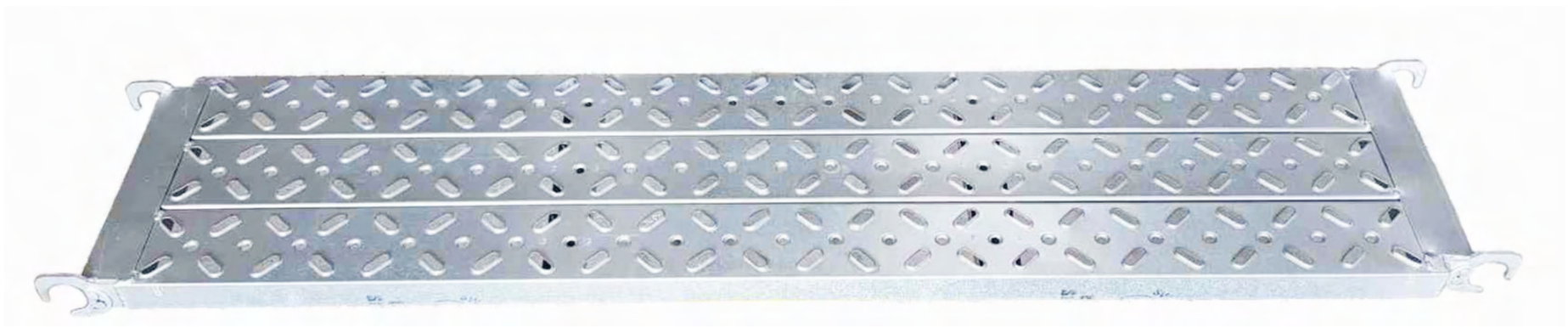


Auto Lock Hook Planks with Round Dimple Embossing

Enhanced grip and safety in a secure locking system.

Auto Lock Hook Planks with Cross Capsule Embossing

Precision design for durability and strength in scaffolding.



Auto Lock Hook Plank with Star Capsule Embossing

A star-quality solution for superior scaffold support.

Planks with Auto-lock Hook

Planks without Auto-lock Hook are versatile walkway planks designed for use in scaffolding systems.

Overview and Manufacturing Process

Planks without Auto-lock Hook serve as versatile walkway planks in scaffolding systems. These planks are meticulously crafted to provide reliable support for workers and materials on construction sites. We are a leading manufacturer of scaffolding components, offers these planks to meet various project requirements. Planks without Auto-lock Hook are known for their sturdy construction and ease of installation. They are designed to ensure safety and efficiency during construction tasks.

Benefits

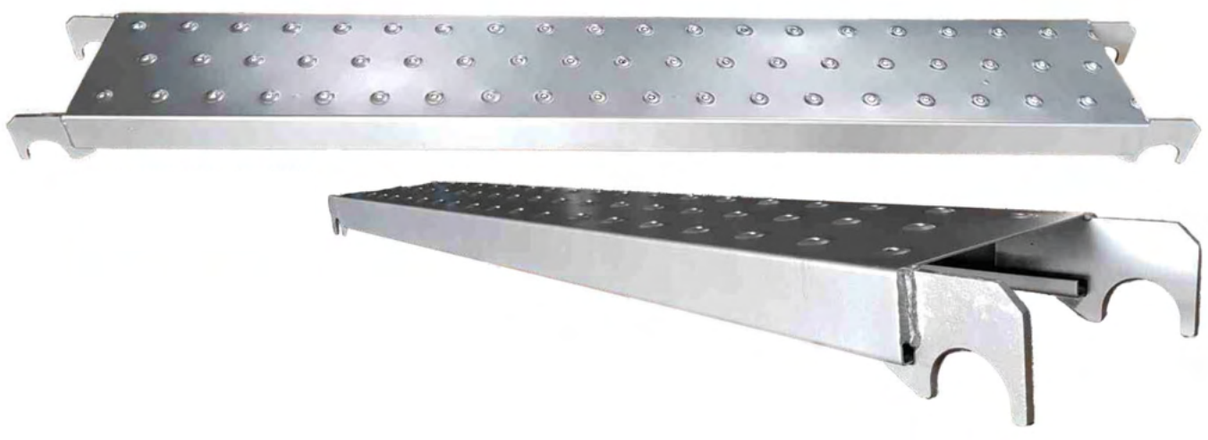
- Versatility: Planks without Auto-lock Hook are compatible with a range of scaffolding systems.
- Reliable Support: These planks provide a stable and secure platform for workers and materials.
- Easy Installation: They are designed for straightforward installation, saving time and effort.
- Safety and Efficiency: Planks without Auto-lock Hook enhance safety and productivity on construction sites.

Uses

Planks without Auto-lock Hook are primarily used as walkway planks in various scaffolding systems, providing workers with safe and sturdy access during construction and maintenance activities.

Specification

Standard Width	Standard Height
400 mm	50 mm
Standard Length	Standard Thickness
1829 mm	1.2 mm, 1.6 mm
Material of Fabrication	Surface Finish
Mild Steel IS 2062 : E250, Pre Galvanised IS 277	Painted, Zinc Coated, Hot Dip Galvanised

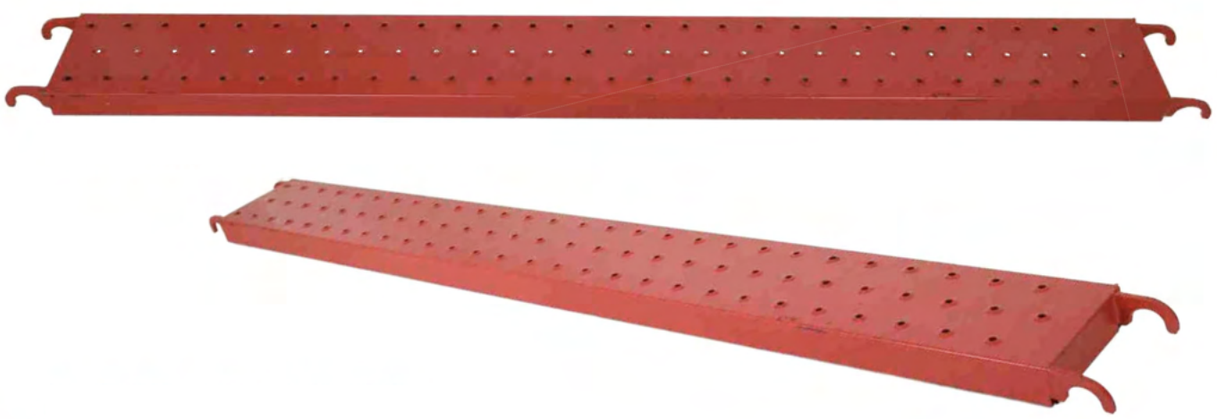


American Plank Raised Hook

Reliable and robust design for versatile scaffold applications.

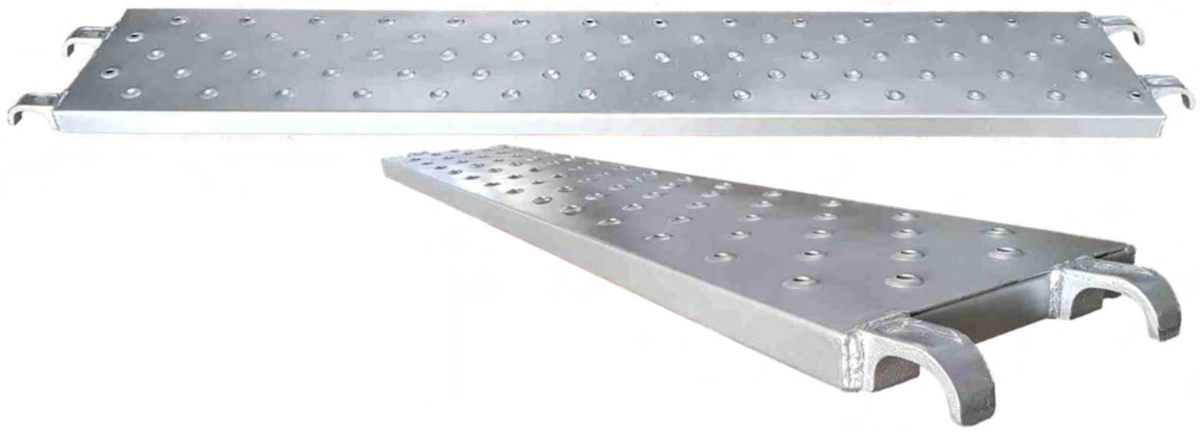
American Plank Dog Ear Hook

Trusted support with a unique and secure dog ear hook feature.



Plank with Heavy Duty Fix Hook

Heavy-duty strength for demanding scaffolding projects.



Plank with Forged Fix Hook

Durable and secure scaffold support with forged hook construction.

Planks with Fix Hook

Planks with Fix Hook by are the ultimate solution for scaffolding walkway planks, offering multiple types of fixed hooks tailored to your specific needs.

Overview and Manufacturing Process

We provide the most comprehensive range of Planks with Fix Hook, ensuring versatility and adaptability for scaffolding applications. With Heavy Duty Fix Hook, Light Duty Fix Hook, American Type Planks with Dog Ear Hook, and Raise Hook options, our tool room department excels in customizing hooks to meet your precise requirements. These planks are meticulously designed for safety, ease of use, and compatibility across diverse scaffolding systems.

Benefits

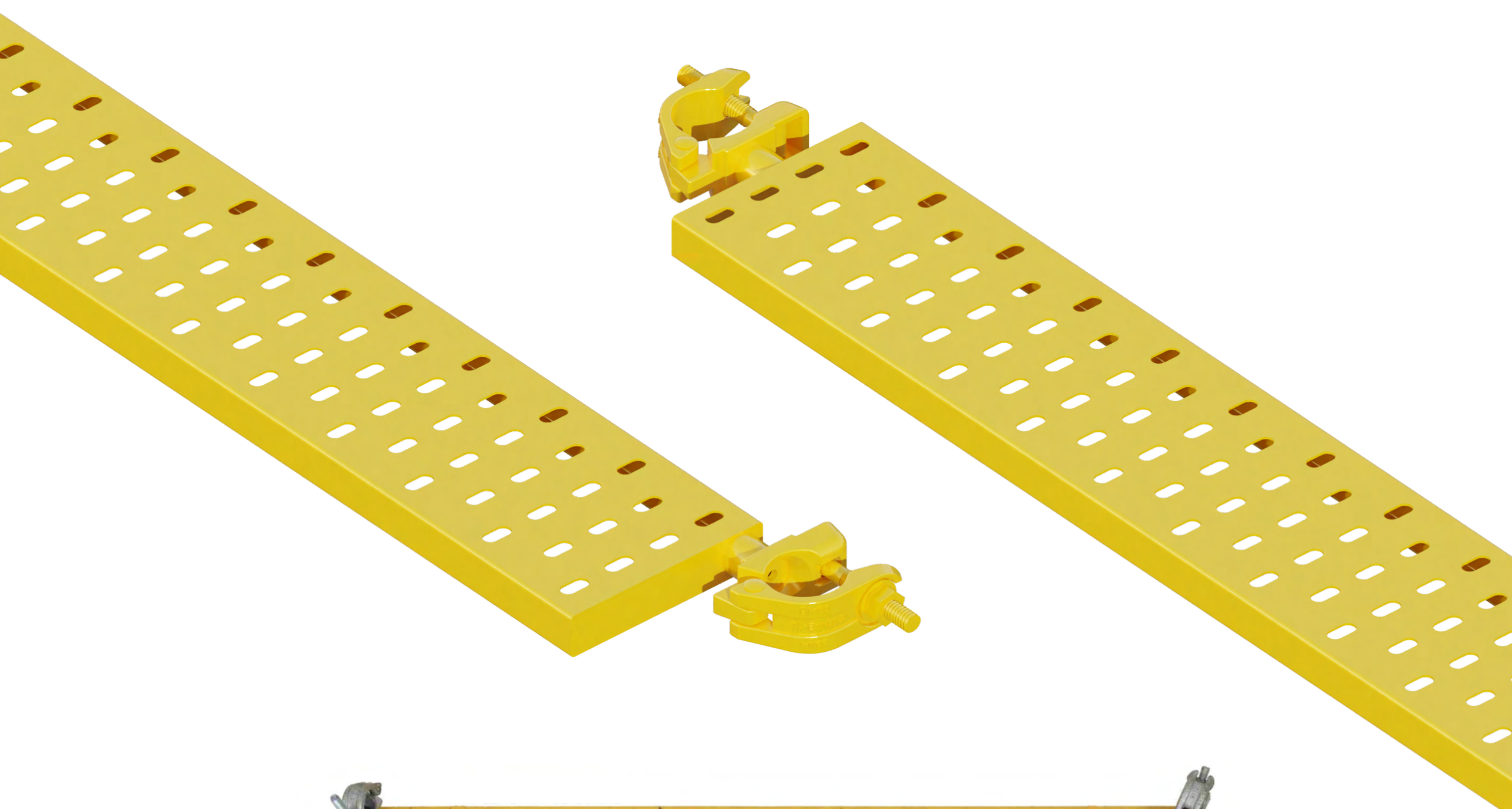
- Versatility: Planks come with different types of Fix Hooks to accommodate various scaffolding setups.
- Customization: Tailor-made hooks are developed as per your specific project needs.
- Safety and Durability: Ensures a secure and robust walkway for construction personnel.
- Ease of Installation: Designed for hassle-free integration into your scaffolding system.

Uses

Planks with Fix Hook are the go-to choice for creating secure walkways, platforms, and work surfaces within a wide range of scaffolding systems, ensuring safety and efficiency on construction sites.

Specification

Standard Width	**Standard Height**
230 mm, 250 mm, 280 mm, 300 mm	38 mm, 55 mm, 65 mm
Standard Length	**Standard Thickness**
1000 mm to 3000 mm	1.6 mm, 1.8 mm, 2.0 mm
Material of Fabrication	**Surface Finish**
Mild Steel IS 2062 : E250, Pre Galvanised IS 277	Painted, Zinc Coated, Hot Dip Galvanised



Fix Length Toe Board

A Fixed Length Toe Board consists of unalterable panels designed for scaffold sizes with uniform dimensions, making it a dependable and cost-effective choice for structures that maintain consistent measurements.

Telescopic Length Toe Board

In contrast, Telescopic Length Toe Boards comprise adjustable panels suitable for scaffolds of varying sizes. They are well-suited for projects with changing scaffold configurations, offering adaptability in dynamic construction environments.

Toe Board

Toe boards are essential safety features in scaffolding, preventing objects and tools from falling over the edge. They are crucial wherever there's a risk of objects falling, and best practice is to use them in conjunction with handrails.

Overview

Toe boards serve a critical safety function in scaffolding by preventing objects, tools, and equipment from falling over the edge or being accidentally knocked off the structure. They are a fundamental safety measure whenever there's a risk of items dropping from the scaffold. According to OSHA standards, a standard toe board should have a minimum vertical height of 4 inches from its top edge to the floor, platform, runway, or ramp level. It must be securely fastened in place and maintain no more than a 1/4-inch clearance above the floor level. We manufacture both fixed-length and telescopic toe boards suitable for almost all types of modular scaffolding structures. These toe boards can be customized to meet specific client requirements. Allmarc's toe boards are designed to be easily attached to scaffolding pipes using forged swivel couplers.

Benefits

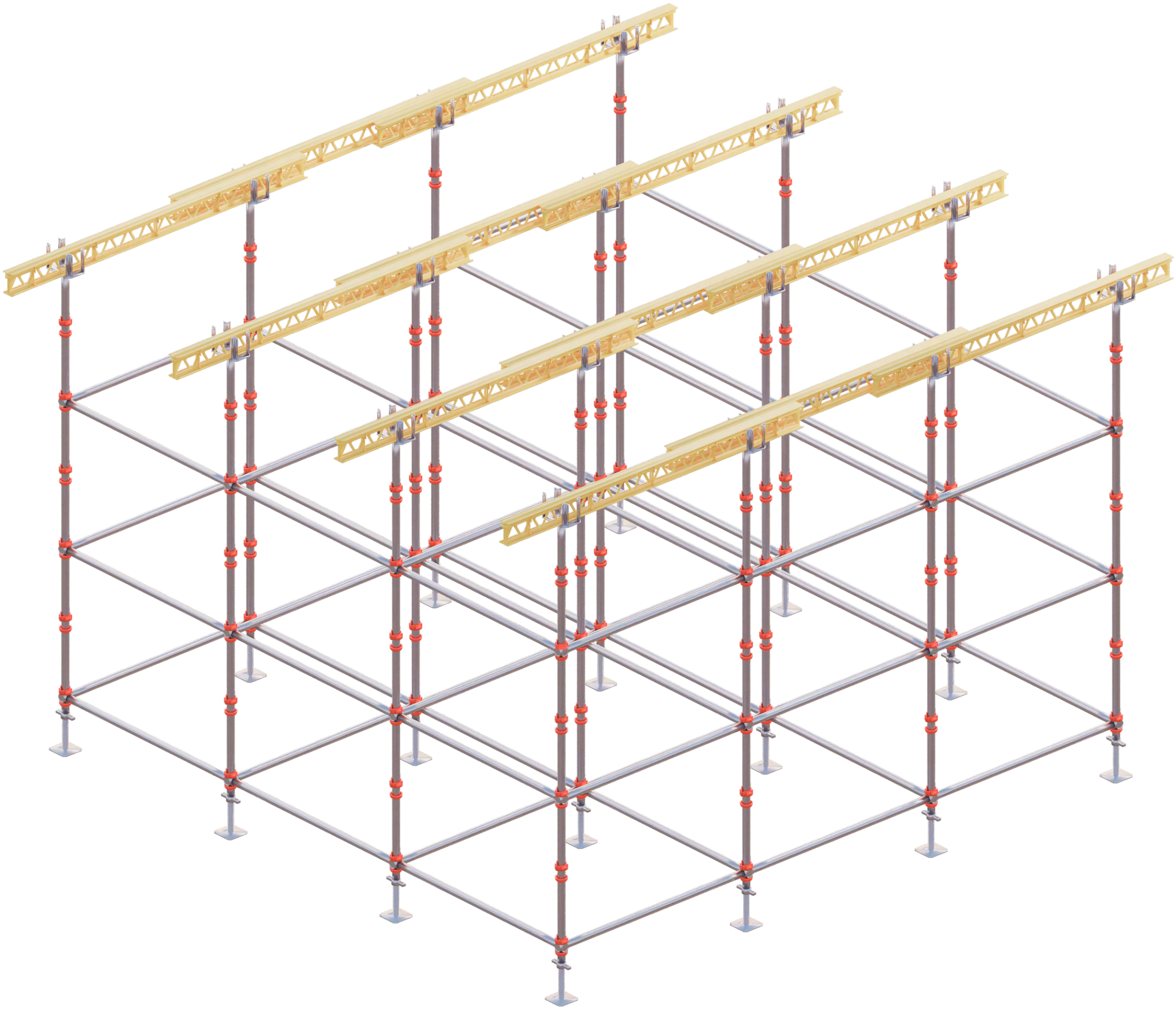
- Enhances safety by preventing objects and tools from falling off scaffolding.
- Adheres to OSHA standards, ensuring regulatory compliance.
- Customizable options to fit various scaffolding structures.
- Easy installation with forged swivel couplers for a secure attachment.

Uses

Toe boards are used extensively in the construction and maintenance of scaffolding to prevent objects and tools from falling over the edges, safeguarding workers and the environment below.

Specification

Fix Toe Board Length	**Telescopic Toe Board Length**
1000 mm to 3000 mm	1000 - 1500 mm; 1500 - 3000 mm
Standard Height	**Sheet Thickness**
150 mm, 175 mm, 200 mm	1.6 mm, 1.8 mm, 2.0 mm
Material of Fabrication	**Surface Finish**
Mild Steel IS 2062 : E250, Pre Galvanised IS 277	Painted, Zinc Coated, Hot Dip Galvanised



Heavy Duty Cuplock System

Allmarc's Cuplock Scaffolding System is a renowned, versatile scaffold solution used in numerous large-scale construction projects, known for its quick assembly, adaptability in confined spaces, and robust performance.

Overview

Allmarc's Heavy Duty Cuplock Scaffolding System has established itself as a prominent choice for construction projects worldwide. Its adaptability and multipurpose design make it suitable for a variety of applications, even in tight or constrained spaces, simplifying the resolution of level differences during construction. The system's key features include quick and straightforward assembly, making it a preferred choice for both access and formwork support. It has a proven track record of performance and is equipped with safety accessories to meet statutory requirements.

Our Cuplock's efficient joint fastening mechanism ensures a solid and rigid connection, saving time and labor during erection and dismantling. With versatile applications in construction, demolition, and maintenance projects, this system can accommodate a wide range of structure types, whether straight or curved. Remarkably lightweight yet capable of supporting heavy loads, Cuplock Scaffolding is a low-maintenance and cost-effective choice.

Benefits

- Ease of Assembly: Utilizing a simple locking cup at each node point, the Cuplock system eliminates the need for nuts, bolts, or wedges, facilitating swift assembly.
- Versatile Usage: Well-suited for both access and formwork support, this system provides flexibility in various applications.
- Proven Performance: The Cuplock System has a track record of reliability, along with safety accessories, meeting statutory requirements.
- Efficient Joint Fastening: Quick fastening of horizontals ensures efficient work with a firm clamping action of the top cup, making joints rigid.
- Time and Labor Saving: The Cuplock system enables fast erection and dismantling, resulting in significant time and labor savings.
- Wide Applicability: It finds applications in construction, demolition, and maintenance projects for different types of structures, be they straight or curved.
- High Load-Bearing Capacity: Despite being lightweight, the system boasts high load-carrying capabilities.
- Low Maintenance: With minimal maintenance requirements, it ensures cost-effective durability.

Uses

Allmarc's Cuplock Scaffolding is widely employed in construction, demolition, and maintenance projects across various types of structures.

Top Cup

The top cup is a movable component that can slide along the length of the vertical standard. It is used to secure the horizontal component in place and is crucial for maintaining the scaffolding's structural integrity.

Bottom Cup

The bottom cup is a fixed component that is welded to the vertical standard. It acts as a support for the horizontal component and helps distribute the load evenly

Basic Structure

Overview

The fundamental structure of a Cup Lock scaffolding system comprises four horizontal elements connected at specific points along the vertical element. These elements can be ingeniously employed to assemble stair towers due to the exceptional load-bearing capacity of this system. This system's vertical elements are equipped with locking kits that are welded at intervals of 500 mm or 1000 mm. This feature offers a cost-effective and practical solution for projects with ground or deck level variations.

Locking Kit

The locking kit, an integral part of this system, includes both bottom and top cups. The bottom cup is welded onto the vertical element, while the top cup is movable along its length. This adjustability is advantageous in situations where structural adaptability is required. It allows for accommodating varying ground or deck levels efficiently.

Security Measures

To prevent any inadvertent misplacement and potential structural complications, it's vital to ensure that the upper cup remains attached to the vertical element at all times. The structural integrity of the system relies on this safeguard.

Assembly Process

The horizontal elements have heads at both ends. To adjust the top cup's position, it can be rotated in a clockwise direction with the help of a hammer. This rotation results in firmly compressing the horizontal element's head between the upper and lower cups, ensuring the stability and safety of the entire Cup Lock scaffolding system.

Standard Sizes of Vertical

Sr. No.	Vertical
1	Vertical 1.00 Mtr
2	Vertical 1.50 Mtr
3	Vertical 2.00 Mtr
4	Vertical 2.50 Mtr
5	Vertical 3.00 Mtr

Standard Sizes of Ledger

Sr. No.	Size in Metre
1	Ledger 0.5 Mtr
2	Ledger 1.0 Mtr
3	Ledger 1.5 Mtr
4	Ledger 2.0 Mtr
5	Ledger 2.5 Mtr

Base Jack

U-Head Jack

Ledger Blade

Ledger blade typically has a flat, elongated shape and is designed to fit between the top cup and bottom cup of the vertical standards.

Cuplock Ledger / Horizontal

Cuplock System Components

Cuplock Standard / Vertical

Cuplock Standards or Verticals are a crucial component of the Cuplock Scaffolding System. Manufactured by Allmarc Industries, these standards are made from 48 mm OD MS Round Pipes and are available in various sizes. Cup Joints are welded at 500 mm intervals, but customization is also offered based on client requirements. The top cups are crafted from durable malleable casting to withstand rugged on-site handling. Welded bottom cups are pressed from high-quality steel.

Cuplock Ledger / Horizontal

Allmarc's Cuplock Ledger plays a pivotal role in creating a robust structural connection capable of withstanding uneven on-site conditions. Forged Ledger blades are welded at both ends, seamlessly fitting between the top cup and bottom cup of vertical components. These ledgers are crafted from 48.00 mm OD MS round pipes with a 3 mm thickness. The minimum projection of blades minimizes potential damage during handling, and uniform dimensions ensure the cup joints remain rigid. Customization options are available to meet specific client requirements.

U-Head Jack

The Adjustable Jack Stirrup Head is an essential element designed to provide additional height adjustment at the top of the Cuplock Standards or Verticals. This jack offers a maximum length adjustment of 300 – 600 mm and is primarily used to support MS Beams and channels on which formwork plates are placed during construction. Manufactured through a roll threading process, U-Jacks are not only safe but also boast an impressive load-bearing capacity of up to 4 tons.

Base Jack

Base Jacks are positioned at the bottom of the Cuplock Standards (Verticals). They serve the critical function of accommodating variations in ground levels, ensuring stability and load-bearing support. Each Base Jack has a safe working load of approximately 4 tons and consists of a hollow pipe with an OD of 38 mm and a solid rod with an OD of 32 mm. The jack nut is constructed from SG Iron Casting, and the base plate measures 150x150x6 mm.

Standard Sizes of Hollow Pipe Jack

Sr. No.	Length
1	Hollow Pipe Jack 230 mm
2	Hollow Pipe Jack 350 mm
3	Hollow Pipe Jack 450 mm
4	Hollow Pipe Jack 600 mm

Standard Sizes of MS Solid Jack

Sr. No.	Length
1	MS Solid Jack 300 mm
2	MS Solid Jack 350 mm
3	MS Solid Jack 450 mm
4	MS Solid Jack 600 mm

Scaffolding Accessories

Scaffold couplers are key components for connecting scaffold tubes, enabling versatile scaffolding structures.

Forged Double Coupler / Fix Coupler

- Joins two scaffold tubes at right angles (48.3mm OD).
- Robust design, drop-forged steel, hot-dip galvanized for enhanced durability.
- Typical working load limit of 6.25kN with a torque of 54 Nm.

Putlog Coupler - Wrapover

- Joins 48 O.D. scaffold tubes at right angles.
- Used for positioning Putlog tubes on ledger tubes.
- Typically secures guardrails and mid-rails, not for connecting ledger tubes.

Forged Swivel Coupler

- Joins two scaffold tubes (48.3mm OD) at any angle.
- Swivel pin connects halves.
- Ideal for bracing members or tension splicing of scaffold tubes.

External Sleeve Coupler

- Joins 48 O.D. scaffold tubes end-to-end externally.
- Used for end-to-end joining of scaffold tube standards.
- Supports tube ledgers under compression loading.

Board Retaining Clamp (BRC Coupler)

- Retains scaffold planks to 48 O.D. scaffold tubes.
- Suitable for plank thicknesses of 35 to 38mm.
- Made from pressed steel with a drop-forged steel cap.

Ladder Clamp

- Joins Aluminum/Steel Straight Ladders to 48 O.D. scaffold tubes.
- Offers quick and precise fitting within scaffolding structures.

Expanding Joint Pin

- Joins 48 O.D. scaffold tube standards end-to-end internally.
- Expands to fit the tube's internal diameter when bolt tightened.

Beam / Girder Clamp

- Joins 48 O.D. scaffold tubes to Tapered or Parallel Flange steel beams at 90°.
- Suitable for 50/75/100mm beams/girders.
- Working load limit of 6.25 kN, resists slipping along the tube or beam flange.

Rotating Beam / Girder Clamp

- Joins 48 O.D. scaffold tubes to Tapered or Parallel Flange steel beams at any angle.
- Suitable for 50/75/100mm beams/girders.
- Working load limit of 6.25 kN, resists slipping along the tube or beam flange.

General Safety Guidelines

Overview

Scaffolds may only be erected, moved, dismantled, or altered under the supervision of qualified individuals. A qualified person is someone capable of identifying existing or predictable hazards in the surroundings or working conditions, and authorized to take prompt corrective actions to eliminate them. Note that these guidelines are based on generally accepted safety standards. Compliance with these recommendations does not guarantee conformity with building codes or federal, state, or local safety regulations. It is the responsibility of property owners to inform tenants or occupants of any existing safety hazards.

Safety of Scaffolding Frames

- Scaffold frames must support the maximum intended load.
- When using a horizontal frame separation of 7 feet, the maximum plank extension over the end support should not exceed 12 inches unless guardrails are used to block access.
- On a scaffold that is 10 feet wide, the overlap for each plank should be 12 inches.
- For a scaffold that's 5 feet wide, 35 feet in length, and 30 feet high with 7-foot frame spacing, there should be horizontal bracing every 20 feet and vertical cross-bracing every 20 feet.
- A three-section-high frame scaffold with a cantilevered outrigger platform should utilize ties, guys, braces, outriggers, scaffold manufacturer's stabilizer legs, or equivalent support.

Safety Rails for Scaffolding

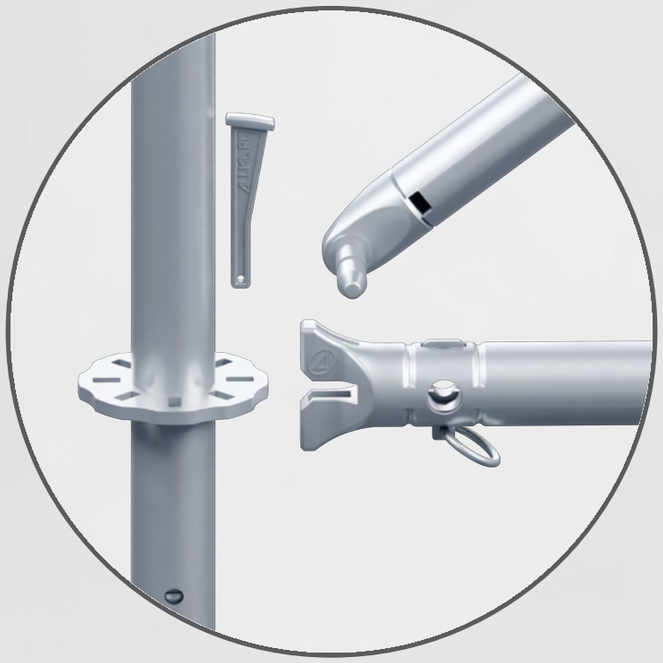
- Guardrails are mandatory for welded frame scaffolds that are 10 feet high or taller.
- The top rail should be at least 36 inches high but no more than 45 inches.
- The top rail must withstand a force of at least 200 pounds for welded frame scaffolds.
- The mid rail on a welded frame scaffold must handle at least 150 pounds.
- Scaffold legs should rest on base plates that are firmly grounded or on mud sills.

Safety of Scaffolding Planks

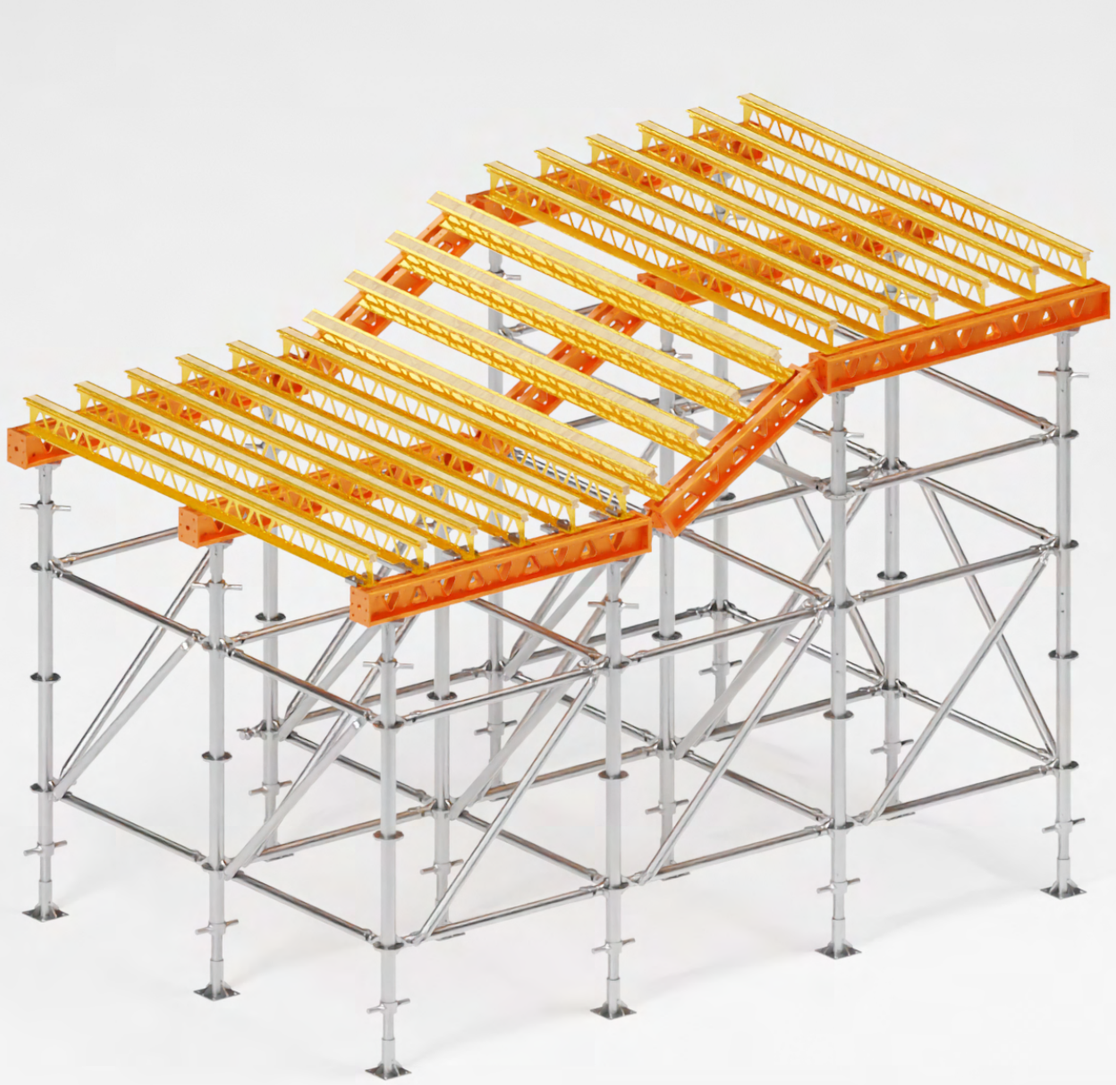
- Gaps between scaffold planks must not exceed 25 mm.
- The maximum permissible distance between a plank and a frame upright is 225 mm.
- An uncleated scaffold plank must extend over the end support by a minimum of 150 mm.

Additional Specification

- Scaffold platforms that are more than one section high should have safe access.
- When using hook-on-ladders, provide a rest platform every 35 feet.
- Maintain a distance of at least three feet between the scaffold and an insulated 220-volt line.
- Work should not proceed during high winds, defined by the National Weather Service as gusts of 50 kph or higher. The final decision rests with the qualified individual.



Robust, 8 MT load capacity for heavyweight construction, upto 65 mm pipe diameter for stability, and a streamlined spring locking system for efficient, safe assembly.

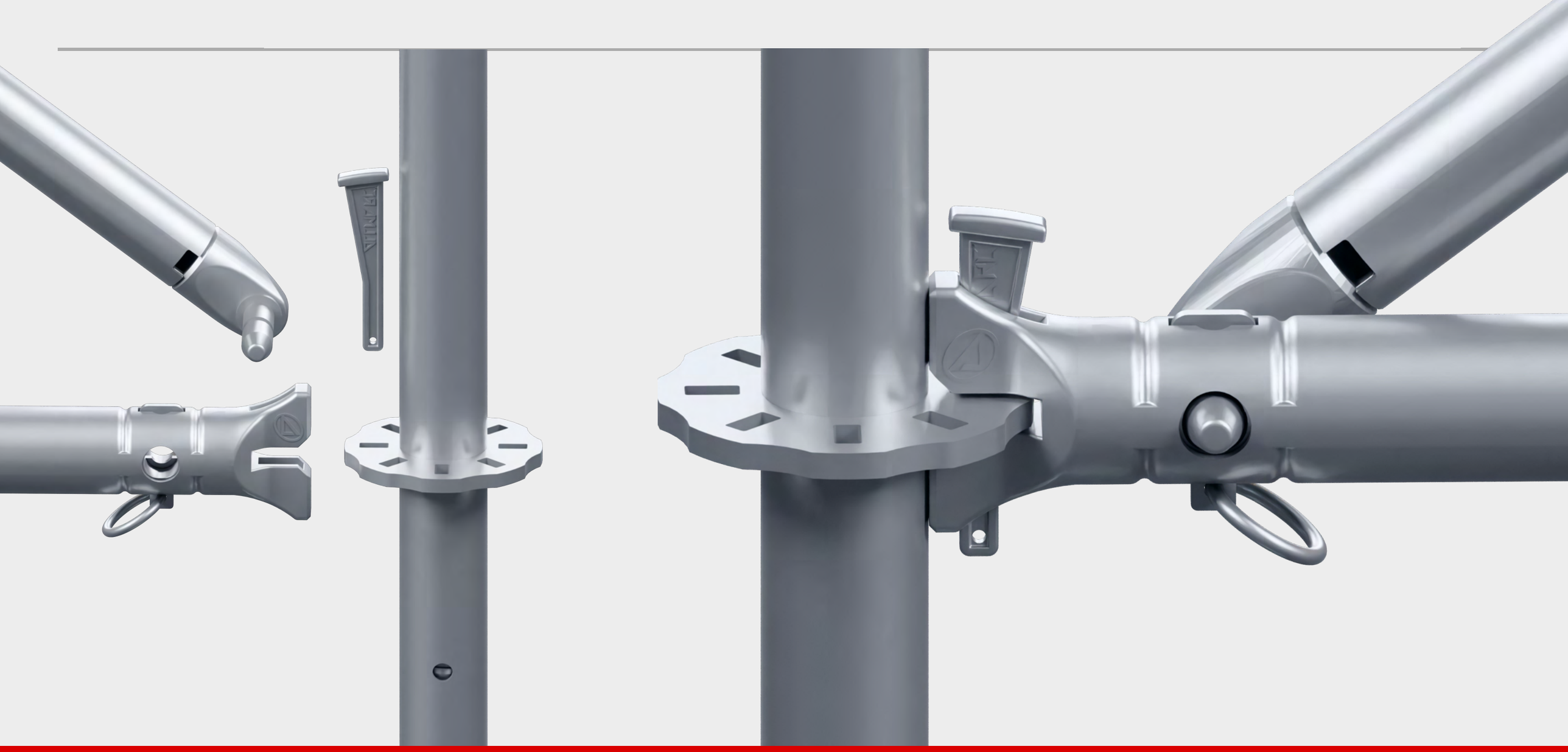


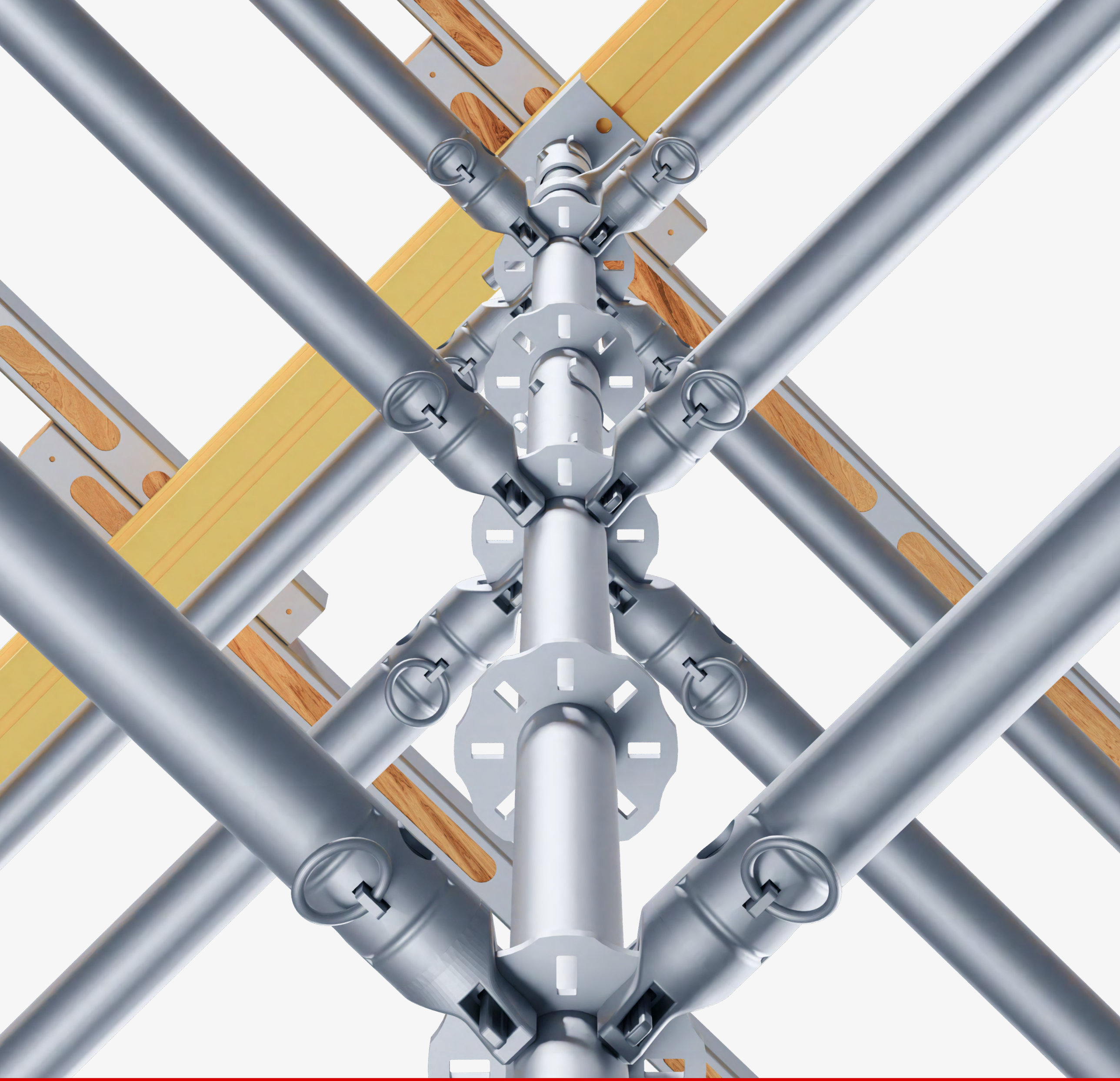
Heavy-Duty Ring Lock System: Elevating Construction Stability

Robust, 8 MT load capacity for heavyweight construction, upto 65 mm pipe diameter for stability, and a streamlined spring locking system for efficient, safe assembly.

Overview

The Heavy-Duty Ring Lock System stands as a robust solution engineered to meet the demands of heavyweight construction projects. With an impressive load capacity of 8 metric tons, this system provides unparalleled stability, ensuring a secure foundation for intricate structures. Its design accommodates pipes with diameters of up to 65 mm, further enhancing stability and load-bearing capabilities. The streamlined spring locking system not only simplifies assembly processes but also prioritizes efficiency and job site safety.





Key Features of Ring Lock System

Exceptional Load Capacity

With an impressive 8 MT load capacity per leg, these systems offer unwavering support for substantial construction projects.

Rock-Solid Stability

Boasting a sturdy 65 mm diameter, these systems ensure superior strength, providing a solid foundation for secure structures.

Effortless Assembly

Our innovative ring locking system simplifies and expedites the assembly process while ensuring maximum job site safety.

Crafted for Dependability

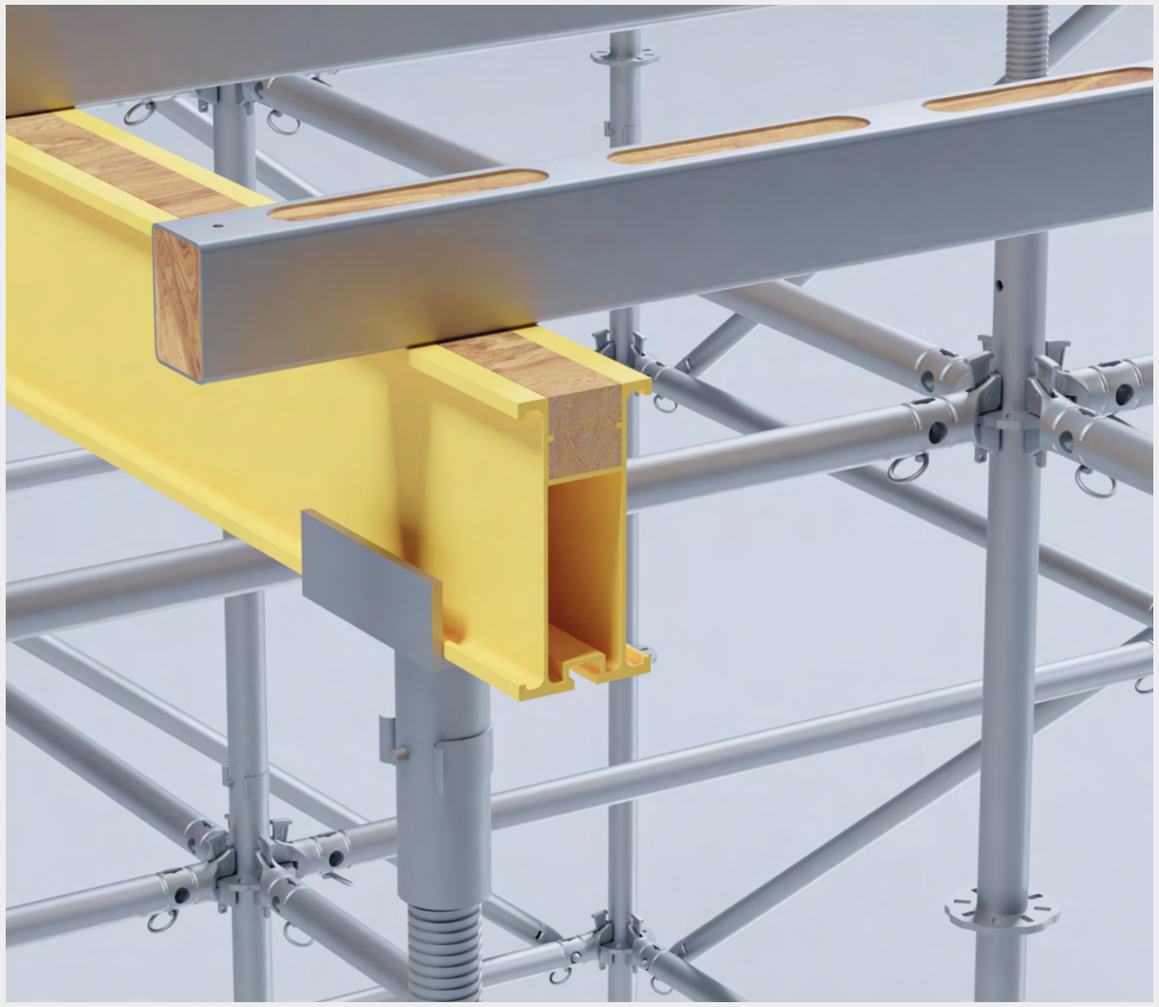
Constructed to endure the rigors of construction environments, these systems are engineered for long-lasting performance.

Versatility Unleashed

Mastering a broad spectrum of high-load shoring tasks, these systems are your versatile construction solution.

Safety as a Priority

Designed with a strong focus on safety, these systems guarantee stable and secure structures for your construction projects.



Application of Ring Lock System

Ring Lock systems serve vital roles in construction, ensuring support, stability, and safety across project.

Supporting Formwork

Shoring systems ensure safe concrete placement by supporting formwork during construction.

Bridge Construction

Vital in bridge deck construction, shoring systems maintain structural integrity during assembly.

Excavations

Shoring prevents soil collapse, ensuring worker safety during deep excavations for basements.

Maintenance and Repairs

Temporary shoring maintains safety during structural maintenance, repair, or modification.

Emergency Situations

Stabilize damaged structures in emergencies, preventing further collapse with reliable shoring systems.

Building Construction

Essential for structural stability, shoring systems support beams, floors, and roofs temporarily.

Tunneling

Prevent collapses in tunneling by supporting walls with reliable shoring systems.

Demolition

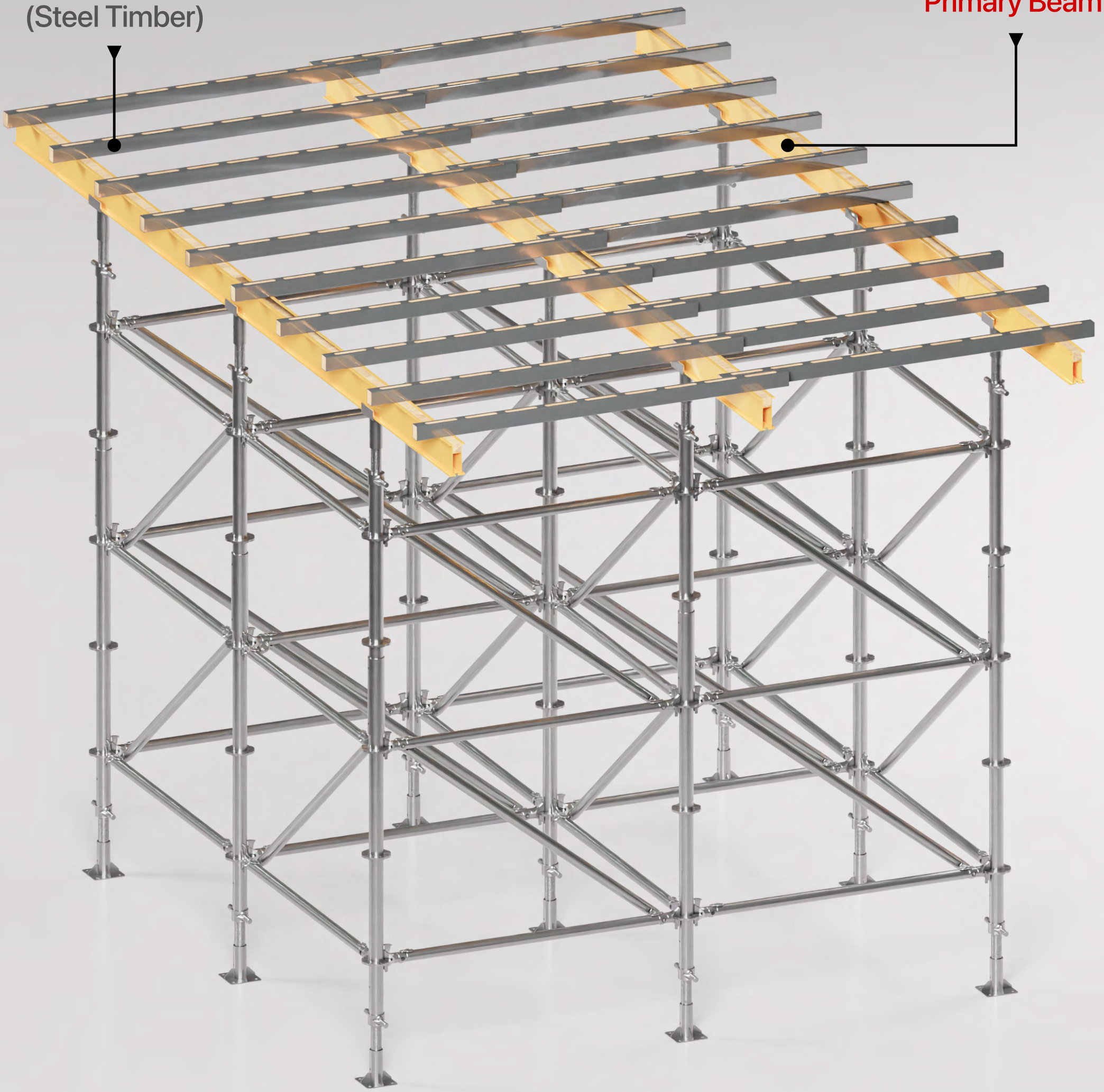
Safely support building elements during demolition using shoring systems for controlled dismantling.

Temporary Supports

Versatile shoring systems provide temporary support for heavy equipment, machinery, and structures.

Custom Applications

Tailored shoring systems adapt to diverse construction tasks, ensuring project-specific support and safety.


Secondary Beam
(Steel Timber)
Primary Beam

Introducing Allshore Shoring System

Overview

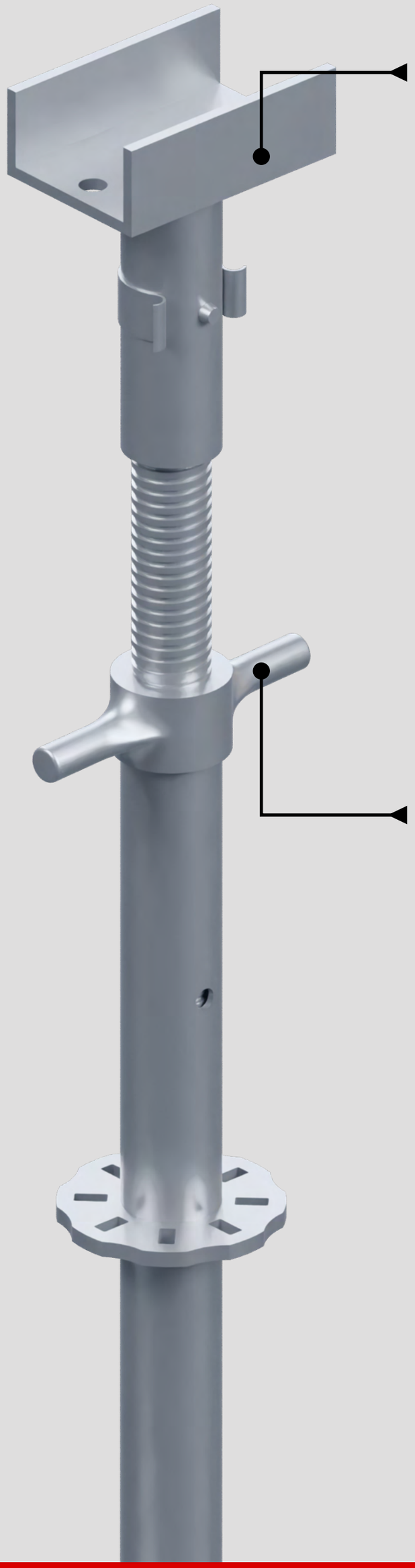
Allshore Shoring Systems are engineered to provide support and stability to structures, especially in excavation sites or during construction activities where load-bearing capacity is critical. They are specifically designed to bear heavy loads and prevent collapses.

Key Features

Allshore system prioritize load-bearing capacity, structural stability, and safety. They often include components like vertical supports, horizontal braces, and systems to prevent soil collapse during excavation.

Common Use

Allshore system find applications in construction sites where there's a need to support existing structures, prevent soil movement, or ensure the stability of temporary structures during construction.



U Head: Load Distribution Support

The U head is crucial for distributing loads from horizontal members onto the shoring system's vertical supports effectively.

Nut: Height Adjustment Mechanism

Nuts are used to adjust and secure the height of components in the shoring system, such as props or base jacks. They enable precise adjustments to achieve the desired level and support.

Base Jack: Stability and Leveling

Base jacks, positioned at the base of vertical props, provide stability and adjustability for precise leveling and support on uneven surfaces, ensuring system stability and load-bearing capacity.

Ring: Ledger Connection Anchor

Rings on verticals at varying heights serve as attachment points for ledgers. Featuring multiple slots, they offer flexibility in ledger placement for diverse construction needs.

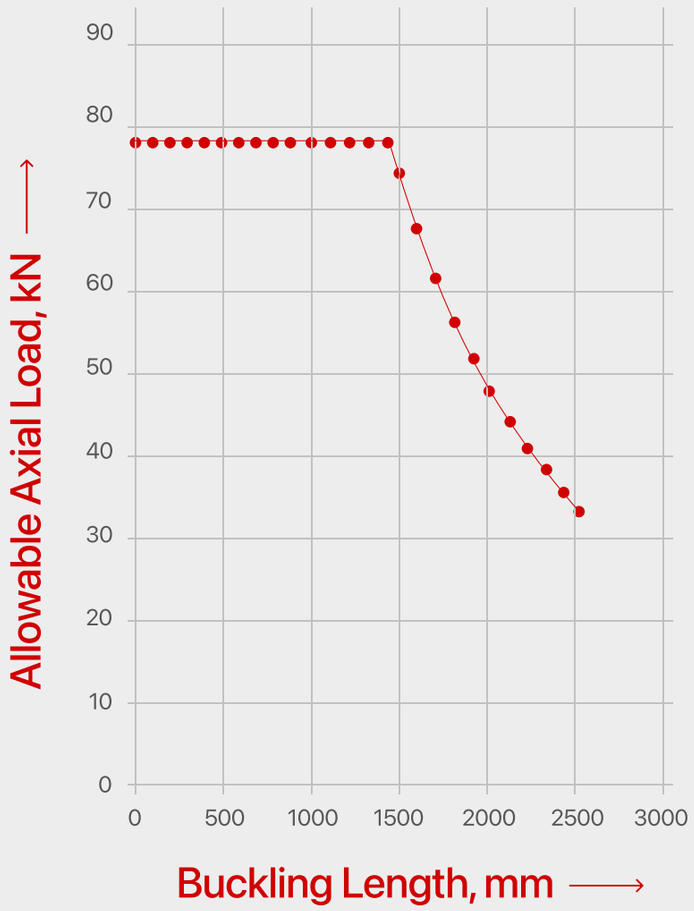
Verticals for Allshore Shoring System

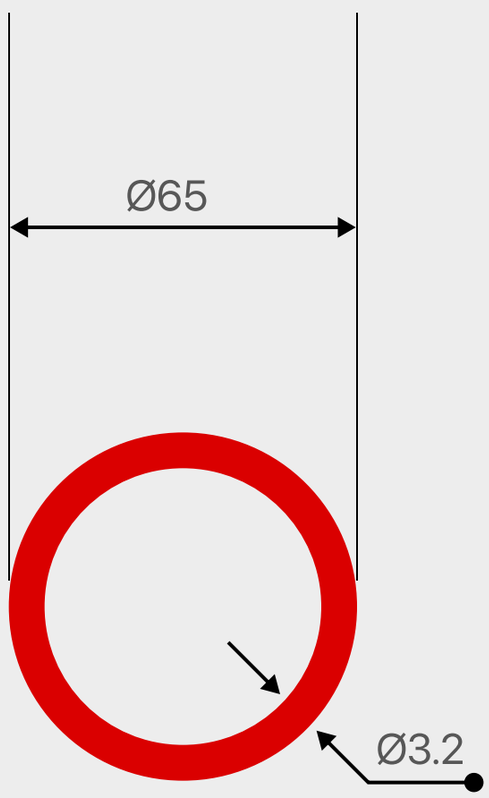
Overview

The Verticals are main members in shoring system to take vertical load directly. They are made from the highest quality steel with welded Rosset plates at the pitch of 500mm. The cutouts in Rosset plate are done by using precision Laser Cut operations. Rosset plates are welded by robotic welding process to get consistency in welding and dimensional accuracy.

Part Code	Component	Pipe Dia. x Thick, mm	Length, mm	No. of Rings
ASV-1000	Vertical	65 x 3.2	1000	2
ASV-1500	Vertical	65 x 3.2	1500	3
ASV-2000	Vertical	65 x 3.2	2000	4
ASV-2500	Vertical	65 x 3.2	2500	5
ASV-3000	Vertical	65 x 3.2	3000	6

The allowable axial loads for different buckling lengths are shown in graph. The graph is generated based on Euler's theory of buckling with Safety Factor (FOS) equal to 2.

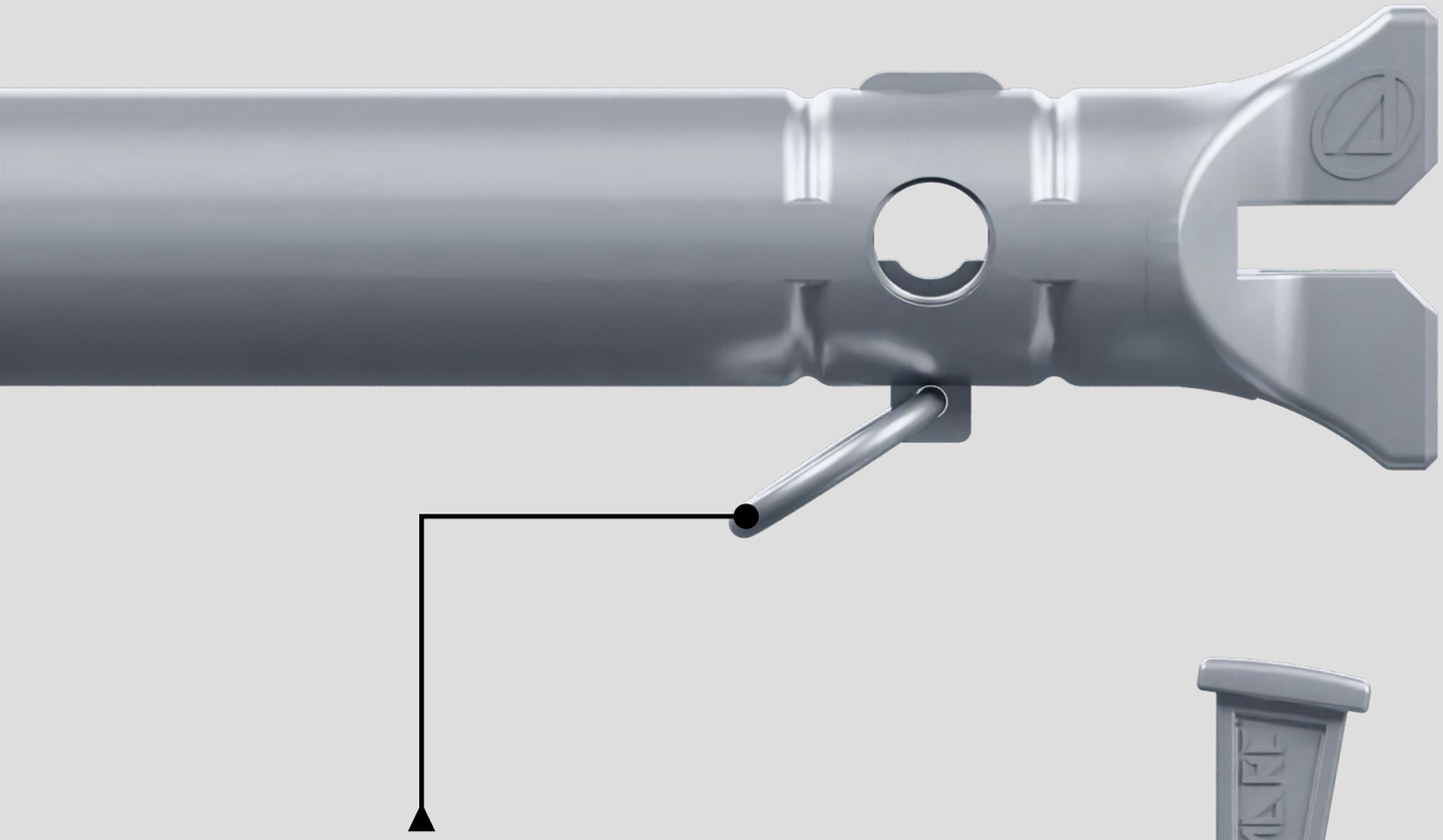




Vertical Member C/S

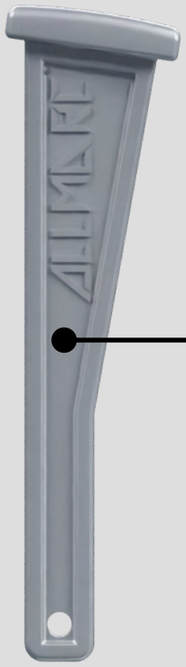
Sectional Properties

Diameter: 65 mm
Thickness: 3.2 mm
Sectional Area: 6.21 cm^2
Moment of Inertia: 29.74 cm^4
Section Modulus: 9.15 cm^3



Unlock Plate: Bracing Lock

This plate secures braces, enabling quick and safe installation and removal of braces in the shoring system, enhancing efficiency.

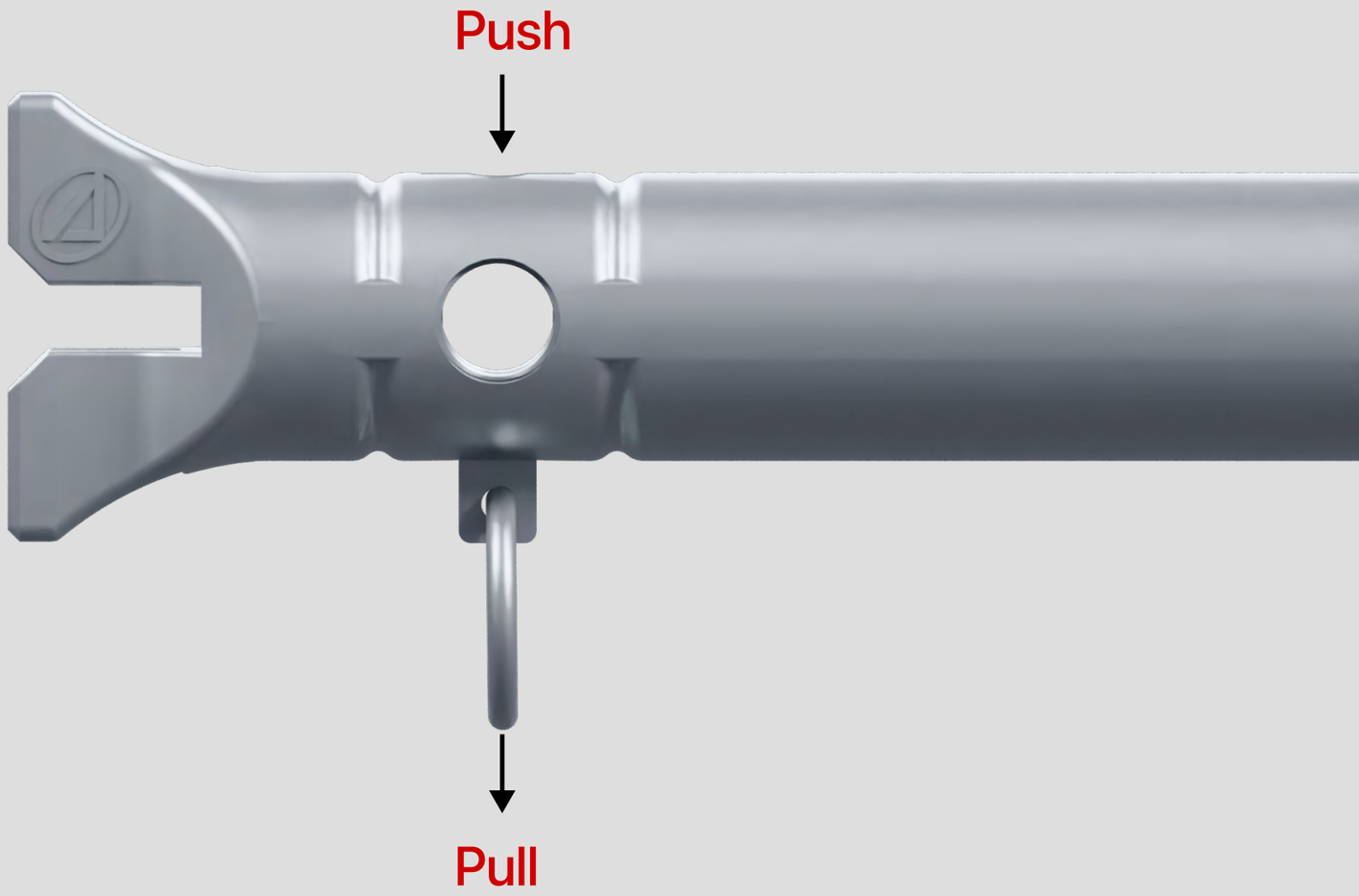


Wedge: Secure Connection

The wedge ensures a sturdy connection between ledger and ring contributing to structural stability.

Pull or Push: Bracing Mechanism

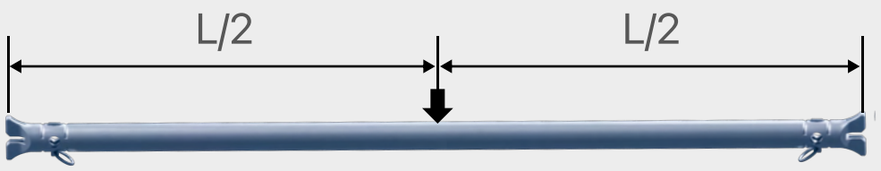
Locking and unlocking on bracing can be done by either pulling the Unlock Plate or pushing it from top. Pull & Push both options are available.



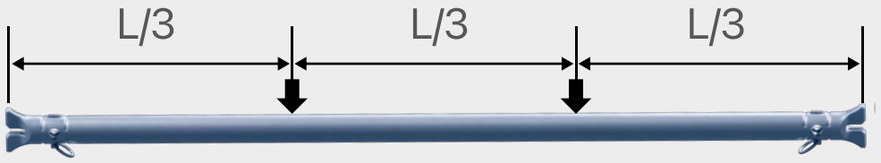
Ledgers for Allshore Shoring System

Overview

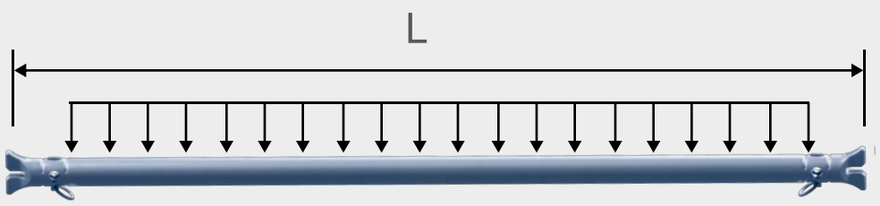
The Ledgers are horizontal members in shoring system to take horizontal loads directly transmitting along the member axis. Ledgers also carry lateral loads (i.e. vertical downward or upward load due to planks and walkways). They are made from the highest quality steel by crimping pipe with investment casted End connectors. Ledgers are assembled to vertical via Rosset plate and End Connectors fitted with a wedge. Ledger has in built locking mechanism at both the ends to lock Bracings (diagonal members)
The allowable Lateral loads for different lengths are shown in table below.



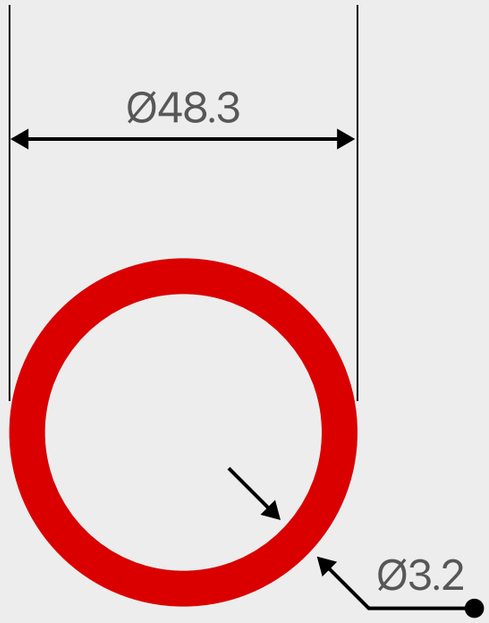
Point Loading of a Ledger at L/2



TWO Point Loading of a Ledger at L/3



Uniformly Distributed Loading (UDL) of a Ledger



Sectional Properties

Diameter: 48.3 mm
Thickness: 3.2 mm
Sectional Area: 4.53 cm^2
Moment of Inertia: 11.59cm^4
Section Modulus: 4.8 cm^3

Part Code	Component	Pipe Dia. x Thick, mm	Length, mm	Point Load, (W), kN	TWO Point Loads, (P+P), kN	Total Load, kN (UDL, kN/m)
ASL-1200	Ledger	48.3 x 3.2	1200	1.95	2.50	3.42 (2.85)
ASL-1500	Ledger	48.3 x 3.2	1500	1.38	1.62	2.21 (1.47)
ASL-1800	Ledger	48.3 x 3.2	1800	0.97	1.13	1.53 (0.85)
ASL-2400	Ledger	48.3 x 3.2	2400	0.71	0.87	1.13 (0.47)
ASL-2400	Ledger	48.3 x 3.2	3000	0.57	0.69	0.90 (0.30)

The loads shown in above table are theoretical with Safety Factor of 2.

Pin Head

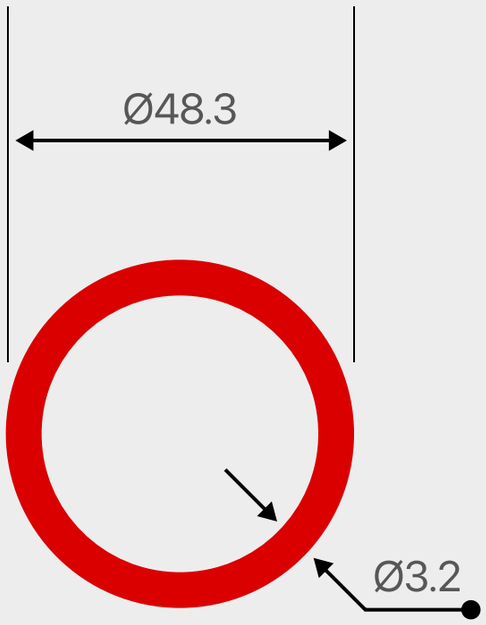
Pin Head is the component that attaches to the ledger using a spring lock mechanism for secure connections and adjustments.

Bracings for Allshore Shoring System

Overview

The Bracings are diagonal members in shoring system to take inclined loads directly transmitting along the member axis which is along the diagonal. They are made from the highest quality steel by welding pipe with investment casted End connectors. Bracings are assembled to Ledgers via end cylindrical pin which is locked by spring loaded locking plate present in Ledgers. Bracings can be dismantled by either pull or push of locking plate. Ledger has in built locking mechanism at both the ends to lock Bracings (diagonal members)

Part Code	Component	Pipe Dia. x Thick, mm	Length, mm
ASB-1200	Bracing	48.3 x 3.2	1000
ASB-1500	Bracing	48.3 x 3.2	1500
ASB-1800	Bracing	48.3 x 3.2	2000
ASB-2400	Bracing	48.3 x 3.2	2500

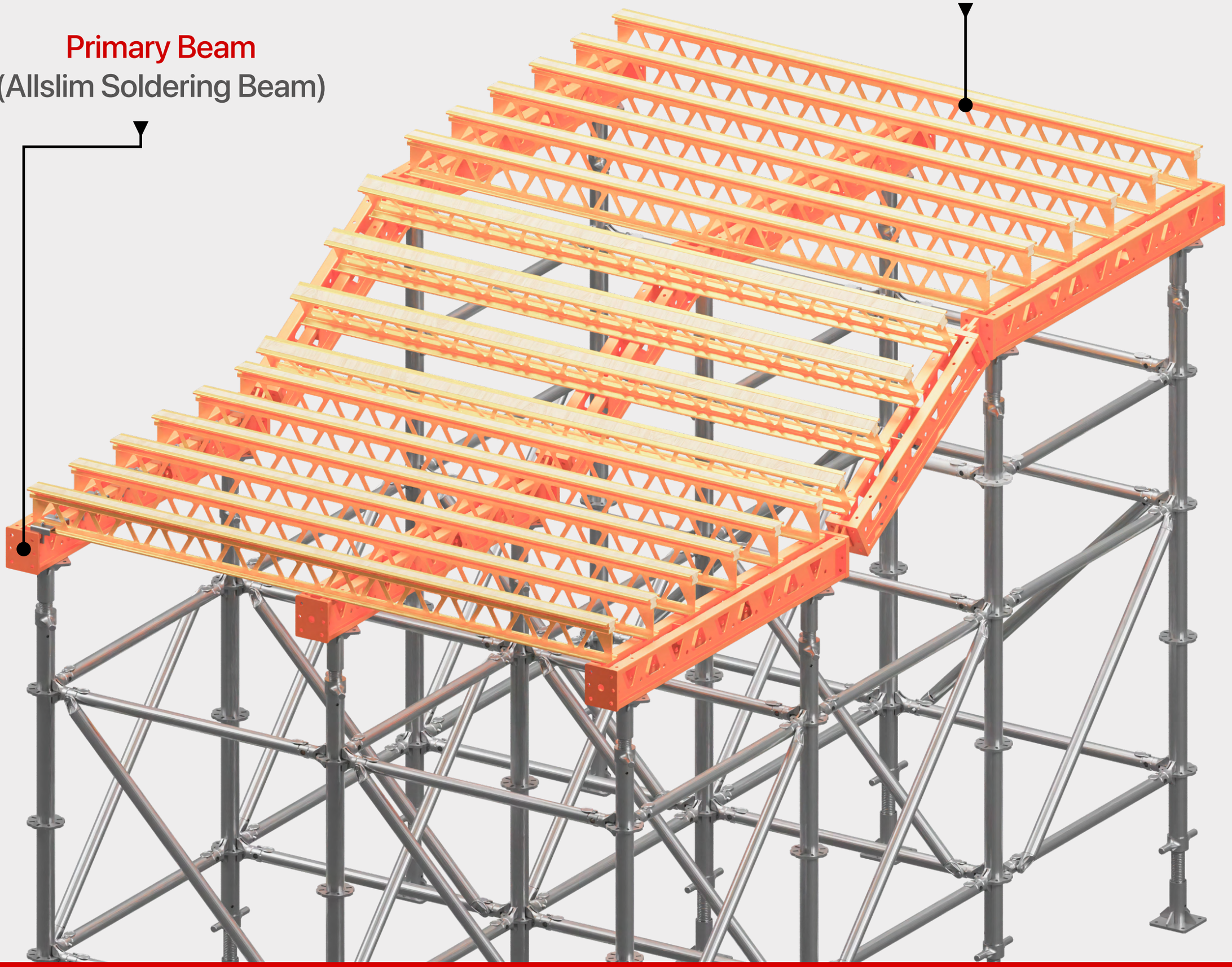


Sectional Properties

Diameter: 48.3 mm
Thickness: 3.2 mm
Sectional Area: 4.53 cm^2
Moment of Inertia: 11.59cm^4
Section Modulus: 4.8 cm^3

Secondary Beam

Primary Beam
(Allslim Soldering Beam)



Introducing Allstage Staging System

Overview

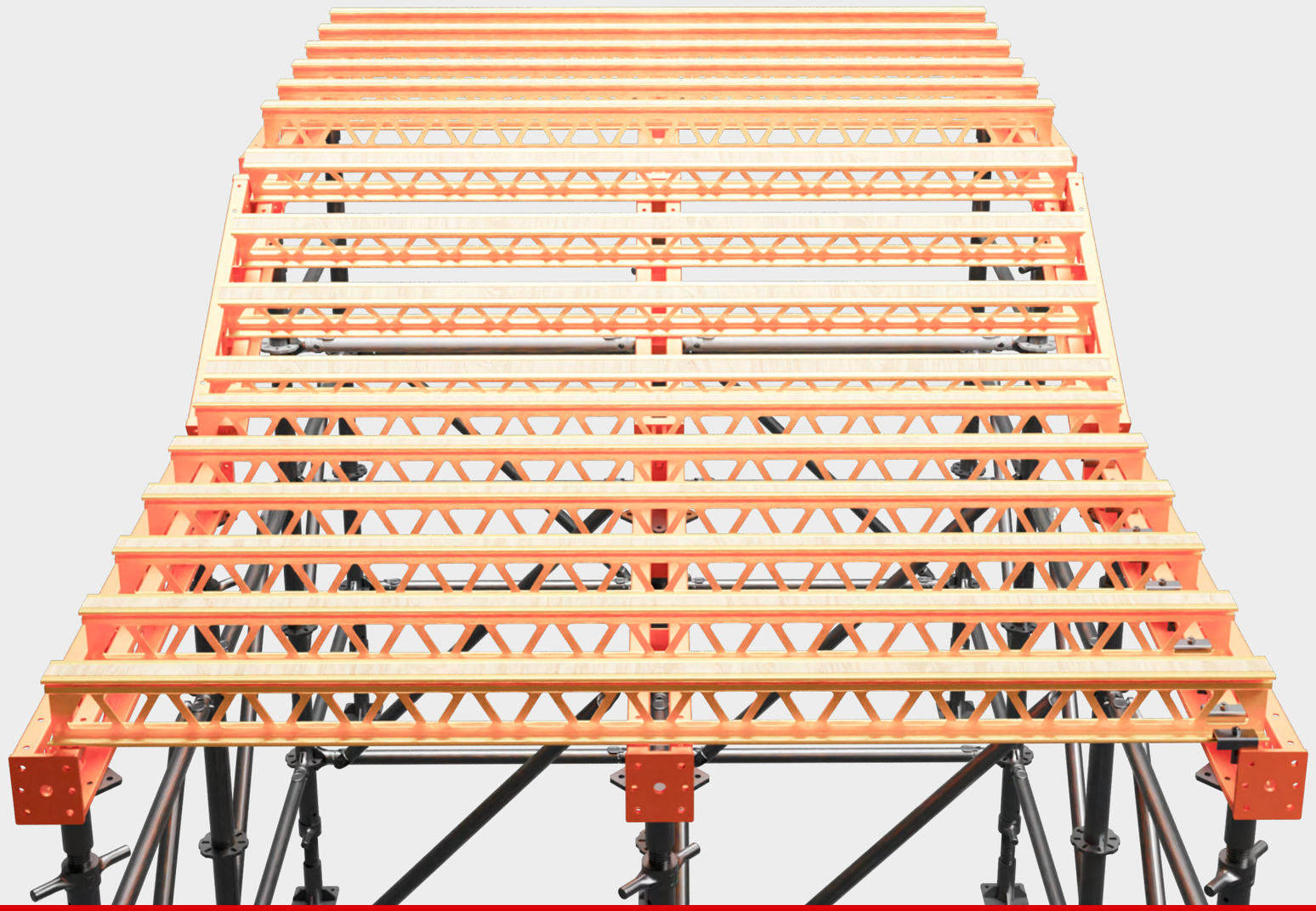
Allstage Staging systems play a pivotal role in providing elevated workspaces for construction tasks at various heights. They are versatile platforms designed to support workers and materials during tasks such as painting, installing ceilings, or working on facades.

Key Features

Our staging systems prioritize stability, spacious platforms, and ease of assembly. They include features like Handrail, Dog-legged Stairs, Ladders, etc. to cater to different construction needs.

Common Use

Widely used in tasks requiring elevated work surfaces, staging systems are adaptable and serve as foundational elements for a range of construction activities.



Verticals for Allstage Staging System

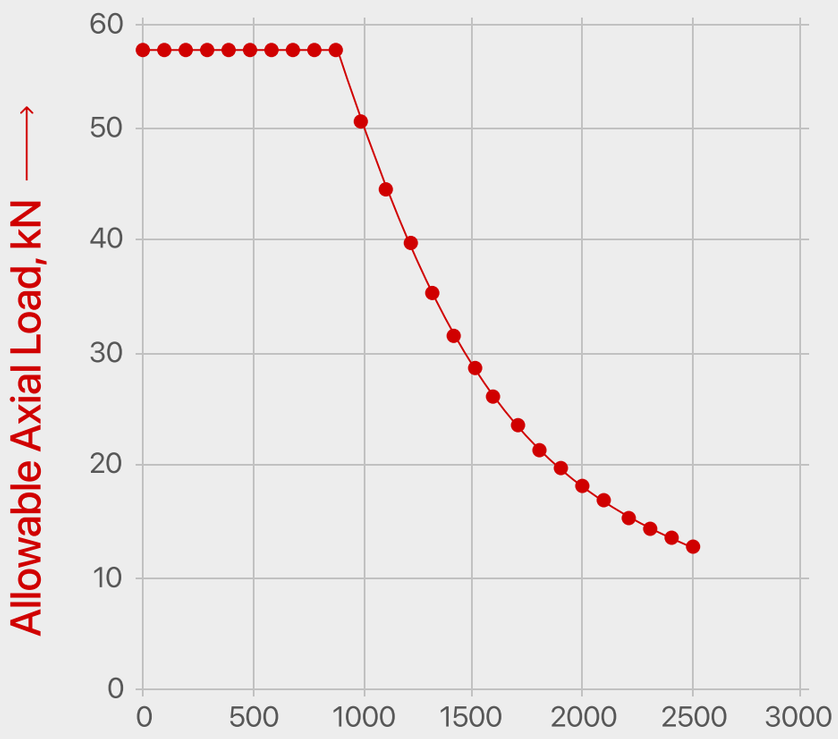
Overview

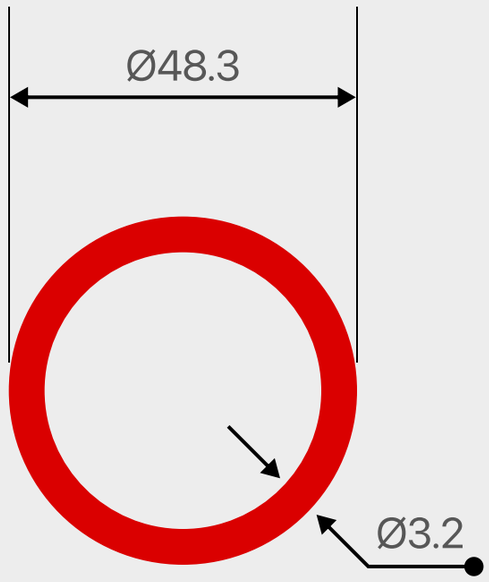
The Verticals are main members in staging system to take vertical load directly. They are made from the highest quality steel with welded Rosset plates at the pitch of 500mm. The cutouts in Rosset plate are done by using precision Laser Cut operations. Rosset plates are welded by robotic welding process to get consistency in welding and dimensional accuracy.

Vertical Load

Part Code	Component	Pipe Dia. x Thick, mm	Length, mm	No. of Rings
ATV-1000	Vertical	48.3 x 3.2	1000	2
ATV-1500	Vertical	48.3 x 3.2	1500	3
ATV-2000	Vertical	48.3 x 3.2	2000	4
ATV-2500	Vertical	48.3 x 3.2	2500	5
ATV-3000	Vertical	48.3 x 3.2	3000	6

The allowable axial loads for different buckling lengths are shown in graph. The graph is generated based on Euler's theory of buckling. The loads shown in below graph are based on Safety Factor of 2





Vertical Member C/S

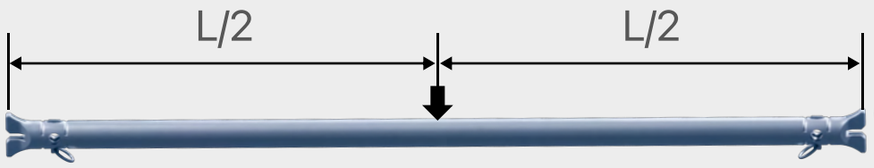
Sectional Properties

Diameter: 48.3 mm
Thickness: 3.2 mm
Sectional Area: 4.53 cm^2
Moment of Inertia: 11.59cm^4
Section Modulus: 4.8 cm^3

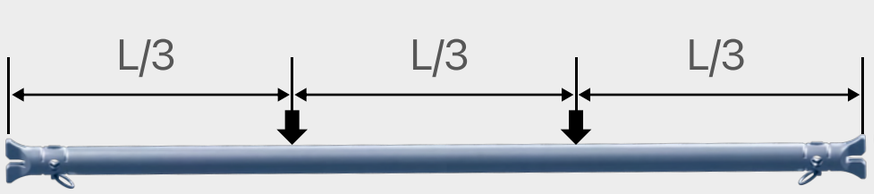
Ledgers for Allstage Staging System

Overview

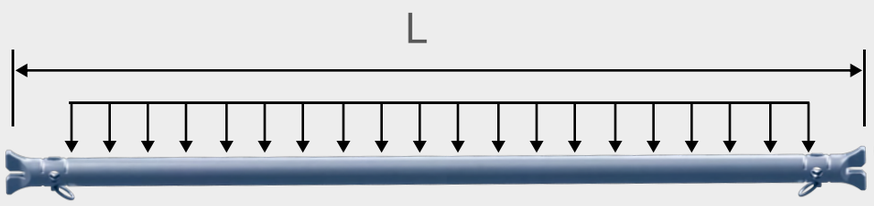
The Ledgers are horizontal members in staging system to take horizontal loads directly transmitting along the member axis. Ledgers also carry lateral loads (i.e. vertical downward or upward load due to planks and walkways). They are made from the highest quality steel by crimping pipe with investment casted End connectors. Ledgers are assembled to vertical via Rosset plate and End Connectors fitted with a wedge. Ledger has in built locking mechanism at both the ends to lock Bracings (diagonal members).
The allowable Lateral loads for different lengths are shown in table below.



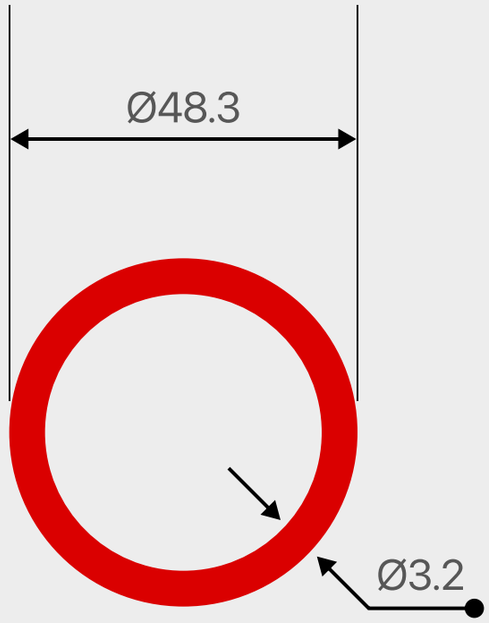
Point Loading of a Ledger at L/2



TWO Point Loading of a Ledger at L/3



Uniformly Distributed Loading (UDL) of a Ledger



Sectional Properties

Diameter: 48.3 mm
Thickness: 3.2 mm
Sectional Area: 4.53 cm^2
Moment of Inertia: 11.59cm^4
Section Modulus: 4.8 cm^3

Part Code	Component	Pipe Dia. x Thick, mm	Length, mm	Point Load, (W), kN	TWO Point Loads, (P+P), kN	Total Load, kN (UDL, kN/m)
ATL-1200	Ledger	48.3 x 3.2	1200	1.95	2.50	3.42 (2.85)
ATL-1500	Ledger	48.3 x 3.2	1500	1.38	1.62	2.21 (1.47)
ATL-1800	Ledger	48.3 x 3.2	1800	0.97	1.13	1.53 (0.85)
ATL-2400	Ledger	48.3 x 3.2	2400	0.71	0.87	1.13 (0.47)
ATL-2400	Ledger	48.3 x 3.2	3000	0.57	0.69	0.90 (0.30)

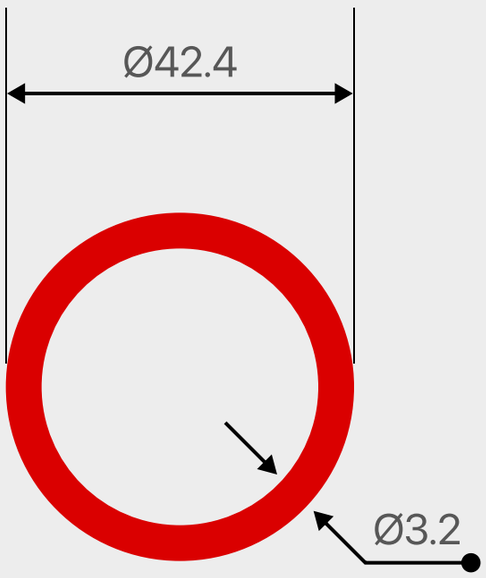
The loads shown in above table are theoretical with Safety Factor of 2.

Bracings for Allshore Shoring System

Overview

The Bracings are diagonal members in shoring system to take inclined loads directly transmitting along the member axis which is along the diagonal. They are made from the highest quality steel by welding pipe with investment casted End connectors. Bracings are assembled to Ledgers via end cylindrical pin which is locked by spring loaded locking plate present in Ledgers. Bracings can be dismantled by either pull or push of locking plate. Ledger has in built locking mechanism at both the ends to lock Bracings (diagonal members)

Part Code	Component	Pipe Dia. x Thick, mm	Length, mm
ASB-1200	Bracing	48.3 x 3.2	1000
ASB-1500	Bracing	48.3 x 3.2	1500
ASB-1800	Bracing	48.3 x 3.2	2000
ASB-2400	Bracing	48.3 x 3.2	2500



Sectional Properties

Diameter: 42.4 mm
Thickness: 3.2 mm
Sectional Area: 3.94 cm^2
Moment of Inertia: 7.61 cm^4
Section Modulus: 3.58 cm^3

Top Support Beams for Shoring and Staging Systems

Overview

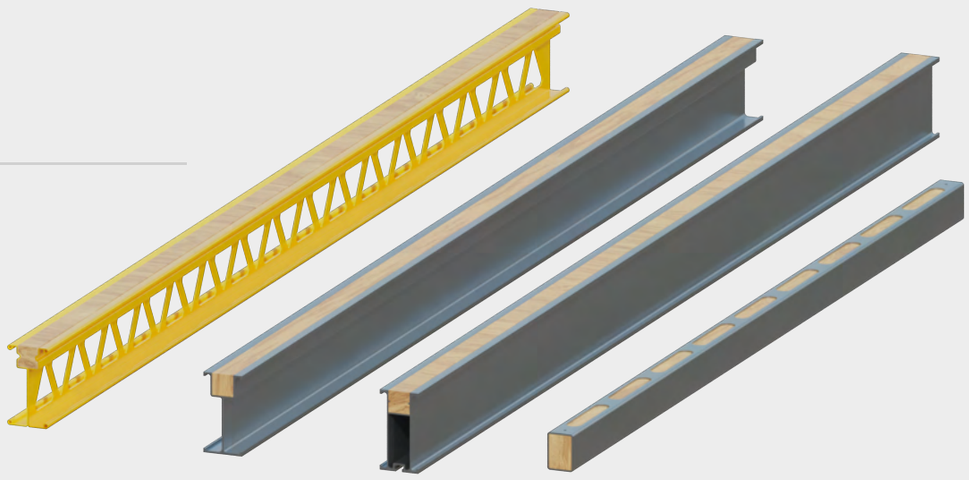
Top support beams distribute weight horizontally, ensuring structural stability and efficient construction support.

Primary Beams

- Primary Steel Timber: A durable choice for structural strength in construction projects.
- Allslim Soldering beam: An innovative beam design offering versatility and efficiency in soldering applications.

Secondary Beams

- Allbeam Double webbed aluminium beam: A robust aluminum beam with double webbing for enhanced load-bearing capacity.
- Allbeam Single webbed aluminium beam: A lightweight aluminum beam with a single web design, balancing strength and agility.
- Secondary Steel Timber: Reliable secondary beam option, combining the strength of steel with the versatility of timber in construction.



Hinged U Head

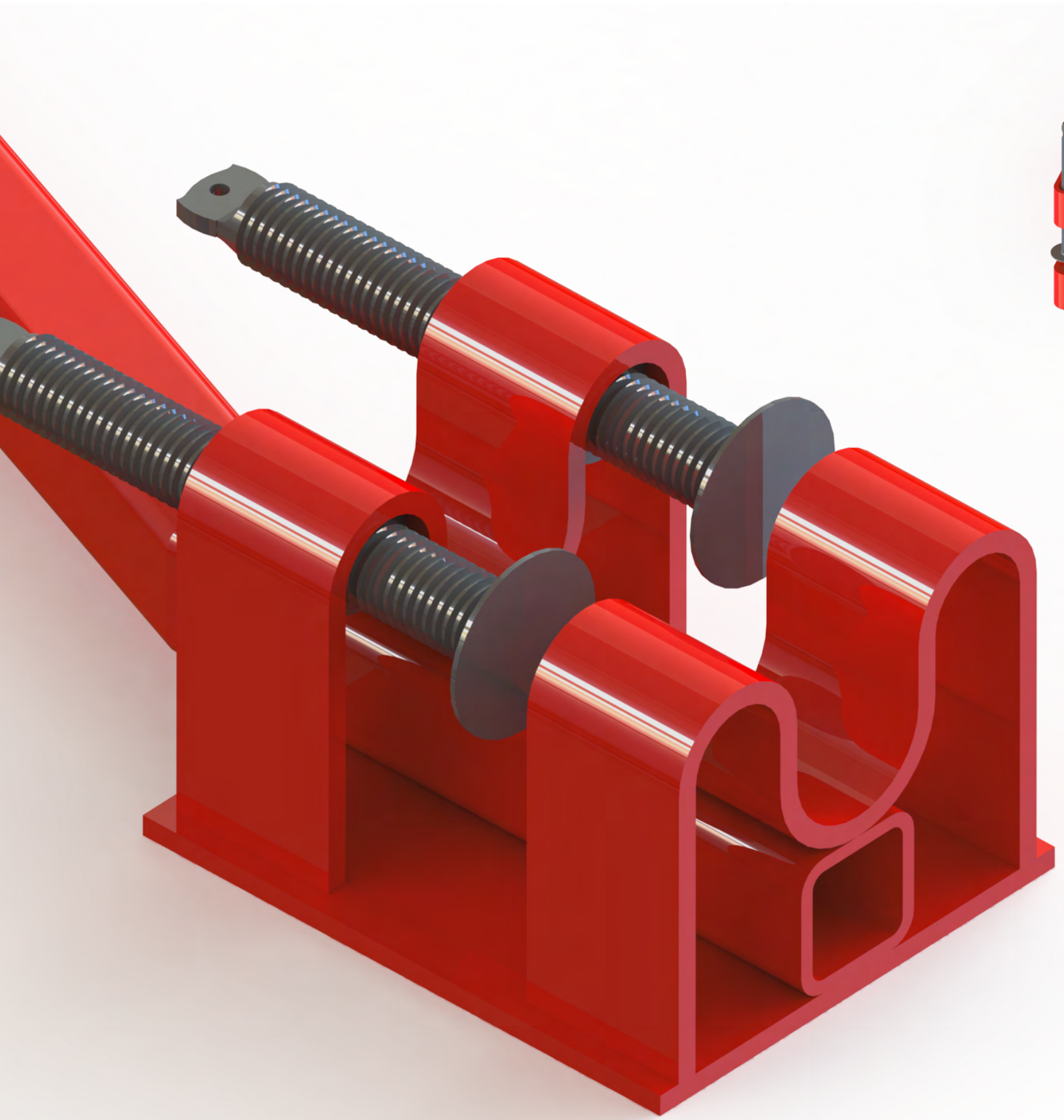
Precision-designed Hinged U Head for AllSlim soldering beams, ensuring secure and versatile support

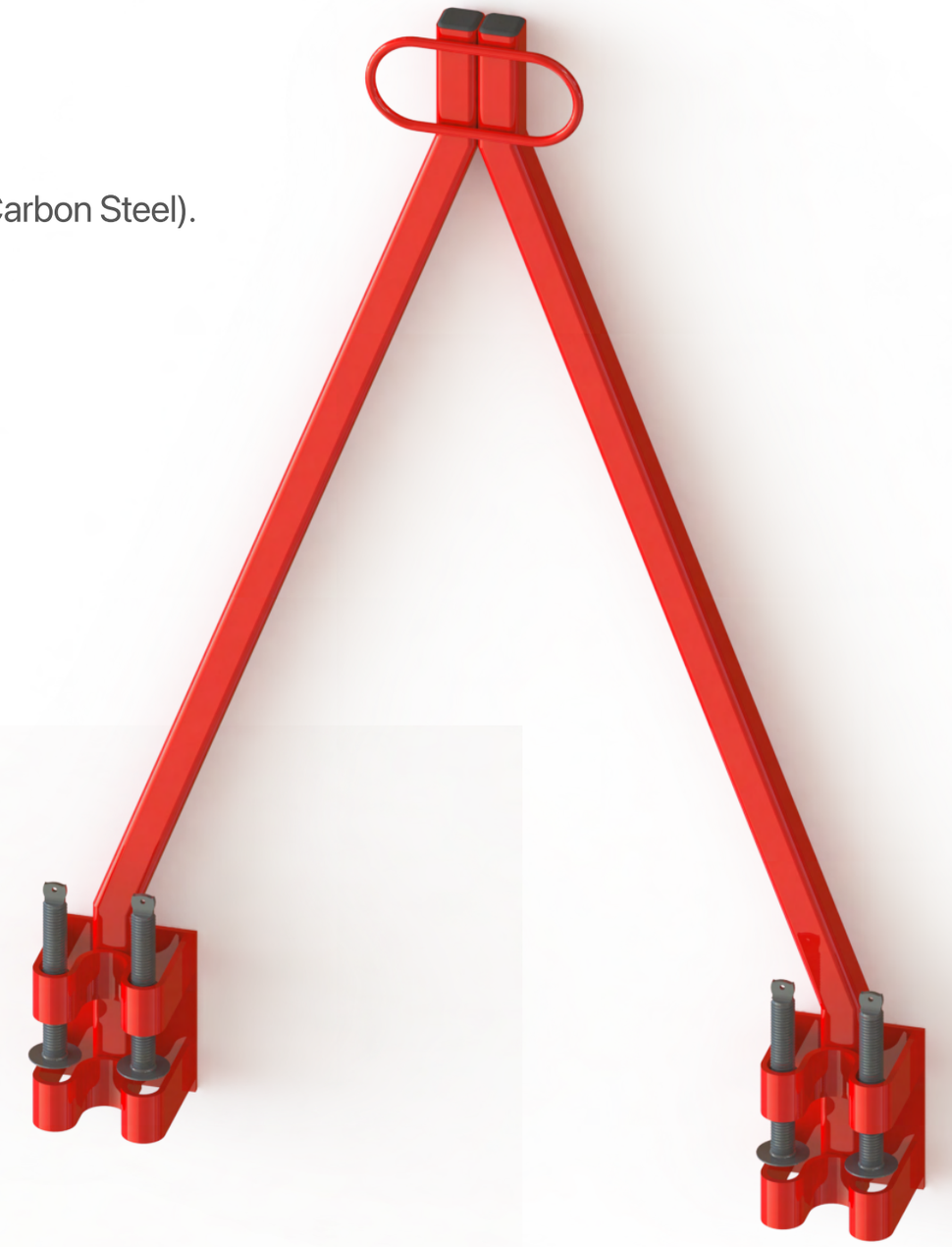
Allslim Soldering Beam

Allslim Soldering Beam is an exceptional primary beam known for its unmatched strength-to-weight ratio, adaptability, and a wide range of applications. Our Allslim Beams offers reusability across multiple construction sites and various temporary work applications.

Specifications of Beam Bracket

- **Beam Size**: 50/75/100 mm (Customization available).
- **Main Body Pipe**: 40×40×3 mm Sar. Pipe.
- **Bottom Plate**: 6 mm Thickness.
- **Holding Jack**: Screw 20 mm Dia with Acme Thread and Nut 30 mm Dia (MOC: Carbon Steel).
- **Holding Clamp**: One Piece Bending, Size: 50x6 mm.
- **Wire Rope Passing Hook**: 08 mm Rod.
- **Impact Load Capacity**: 230 Kg.
- **Surface Finish**:
  - Body: Sand Blasting + Powder coating.
  - Screw: Black Anodising.





Handrail

Serving as a critical safety feature, the handrail is meticulously designed to offer essential support along the periphery of the ring lock system, guaranteeing secure access to elevated areas for construction and maintenance purposes.

Benefits

- Significantly enhances safety protocols by effectively preventing accidental falls.
- Streamlines the movement of workers on elevated platforms, fostering operational efficiency.

Uses

Strategically installed on the perimeter of scaffolding and shoring structures, the handrail becomes an indispensable element, providing reliable hand support for workers navigating various heights.

Beam Bracket

Allmarc's Beam Bracket ensures worker safety on high-rise construction sites, featuring a versatile design for horizontal movement and easy attachment to steel beams.

Overview

Allmarc leads in manufacturing and exporting Beam Brackets designed to attach to steel beams or girders. Worn with a full-body harness and connecting devices like shock-absorbing lanyards, workers can safely move horizontally, preventing falls from high-rise stages or construction sites. The system is adaptable to various steel beam sizes, enhancing safety in elevated work environments.

Benefits

- Enhanced worker safety on highrise stages.
- Versatile design for horizontal movement.
- Easy attachment to a range of steel beams.
- Maximum span of 1 meter between two Beam Brackets.
- Allows two workers to work per span.

Uses

- High-rise construction sites.
- Elevated work platforms.
- Any application requiring horizontal movement on steel beams.

Dog-legged Stairs

A sophisticated integrated stair system, the dog-legged stairs are thoughtfully designed with a unique configuration, ensuring ease of ascent and descent on the scaffold, thereby facilitating safe and convenient access to varying levels.

Benefits

- Offers a user-friendly solution for accessing elevated work areas with its stable and well-designed stair structure.
- Enhances overall safety protocols by providing a reliable means of navigating between different levels.

Uses

Primarily utilized to provide access between distinct levels of the ring lock scaffold, these stairs contribute to the system's accessibility and safety.

Ladders

Vertically affixed to the scaffold structure, ladders play a crucial role in providing a secure and efficient means of vertical movement between different levels, significantly enhancing accessibility.

Benefits

- Improves overall accessibility on the scaffold, enabling quick and efficient vertical movement.
- Ensures the safety of workers by offering a stable and secure vertical access and descent mechanism.

Uses

Installed strategically for vertical access and descent within the ring lock system, ladders are essential components supporting efficient workflow.

Platform Bracket

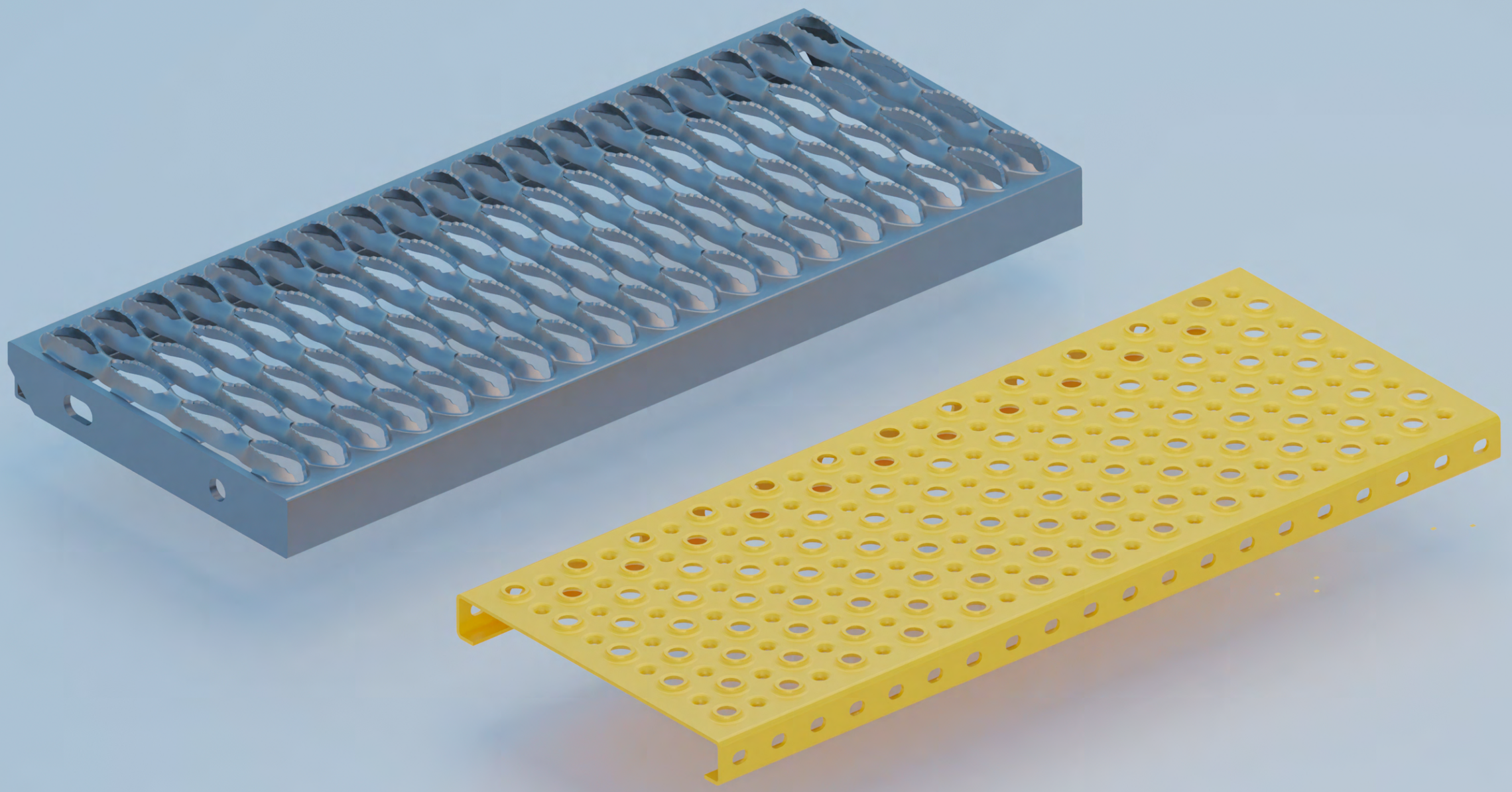
The platform bracket is an essential link in the ring lock system, connecting to vertical posts to provide the necessary support for platforms, crafting elevated surfaces for efficient and secure working conditions.

Benefits

- Facilitates the seamless construction of elevated work platforms, optimizing vertical space utilization.
- Enhances operational efficiency by furnishing workers with a stable surface for tasks involving materials and equipment.

Uses

Deployed to support scaffolding planks, the platform bracket plays a pivotal role in forming secure and reliable work platforms.



Decking Solutions

Our decking solutions feature the Grip Strut Anti-Skid Surface for superior slip resistance, the versatile Universal Anti-Skid Surface adaptable to various preferences, and the specialized Landing Mat for reliable anti-skid performance, ensuring safety and efficiency in diverse applications.

Grip Strut Anti-Skid Surface

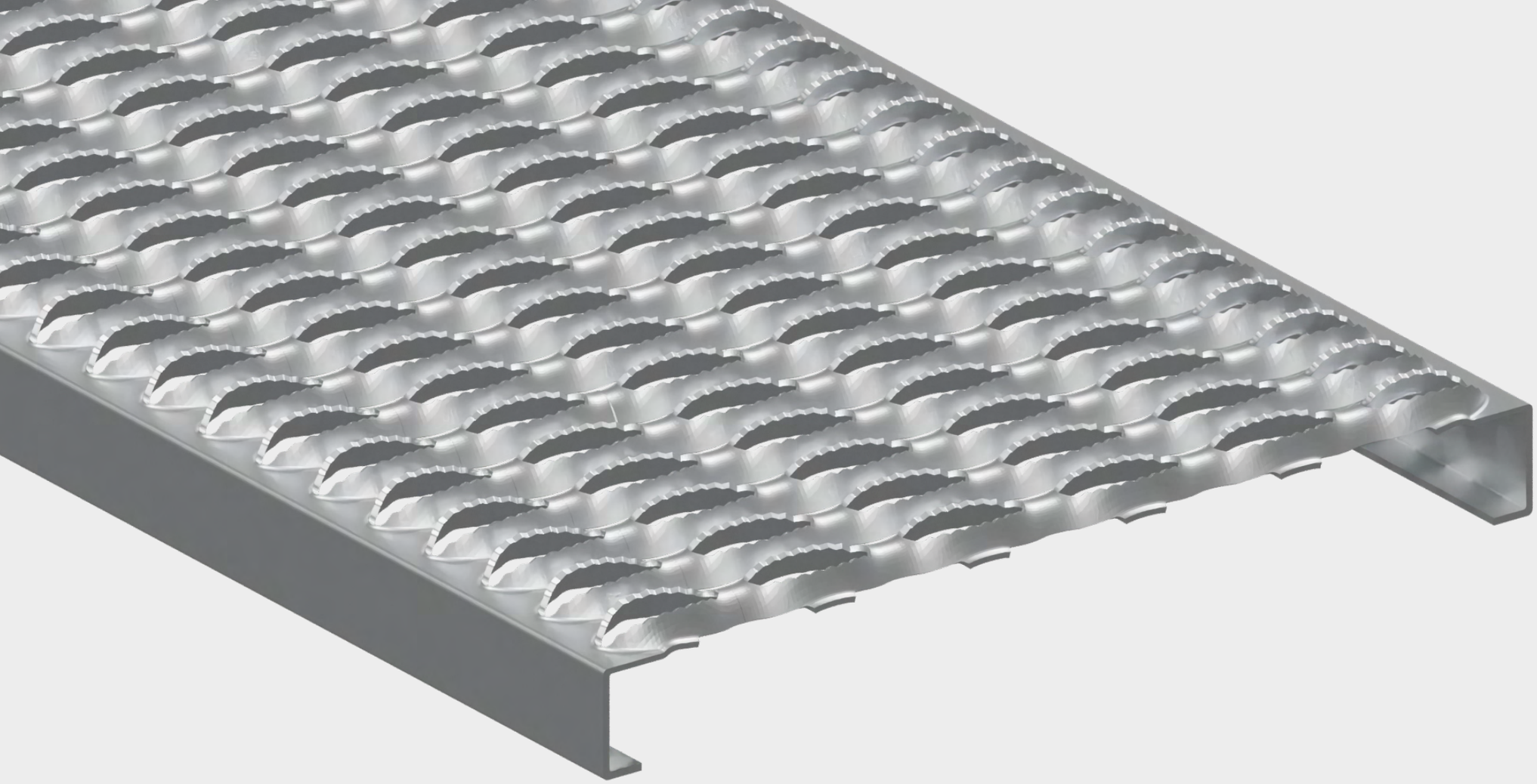
Offers superior slip resistance, making it an ideal choice for secure and stable decking solutions.

Universal Anti-Skid Surface

A versatile reversible grating designed for adaptable use on both upward and downward sides, catering to diverse preferences in dumping ability, visibility, slip resistance, and appearance.

Landing Mat

Provides a reliable anti-skid solution for safe landings, featuring a specialized design suitable for various applications and industries.



Our in-house developed and patented Grip Strut™ Anti-Skid Surface delivers the utmost level of grip, safety, aesthetic appeal, and cost-effectiveness.

- **SAFER** | Preventing Accidents with Extreme Slip-Resistance.
  Prevents accidents with extreme slip-resistance, making it an ideal choice for walking and working surfaces across diverse industries.

- **LIGHTER** | Significantly Lighter Than Traditional Gratings.
  Considerably lighter than traditional Bar Gratings and Chequered Plates, resulting in a notable 40%* weight reduction in overall operation and maintenance platforms, walkways, etc.

- **STRONGER** | Achieving Higher Strength-to-Weight Ratio.
  Achieves a higher Strength-to-Weight Ratio through deep section properties, enabling longer spans and increased structural strength.

- **FASTER** | In-House Production Capacity Exceeding 170,000 SQM.
  Boasts an in-house production capacity exceeding 170,000 SQM annually, ensuring rapid availability for project requirements.

- **DESIGN** | Monolithic Design Enhancing Strength and Durability.
  Characterized by a monolithic design with no joints or welds, facilitating the quick passage of fluids, mud, and snow. This design enhances strength and durability.

Grip Strut™ Anti-skid Surface

Advancing Safety with Anti-Skid Diamond Grip Surface

Overview

Every year, industrial accidents resulting from falls, tripping, and slipping on surfaces lead to significant losses in man-hours and production. In response to these challenges and evolving market requirements, Allmarc Industries is committed to continuous development, aiming to provide safe and anti-skid surfaces. Their latest innovation is the Anti-Skid Diamond Grip surface, a first-of-its-kind in India, developed through extensive trials and refinement.

Safer, Serrated Surface

The serrated surface ensures a secure grip in all directions, making it ideal for locations prone to hazards like mud, ice, snow, oil, and detergents. Diamond-shaped openings catch falling tools and objects, enhancing overall safety.

Fast Installation

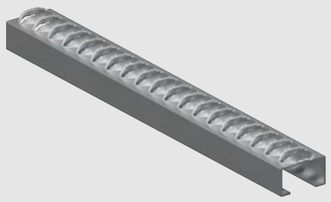
Light and easy-to-handle planks simplify installation, enabling quick and efficient setup. Most sections can be rapidly bolted, clamped, or welded on-site, reducing installation time and effort.

Exclusive Manufacturing by Allmarc Industries

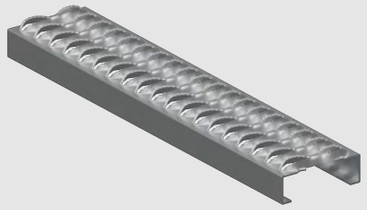
Allmarc stands as the sole manufacturer of Diamond Grip Walkways, Platforms, and Gratings in India, showcasing its commitment to quality and innovation.

Features

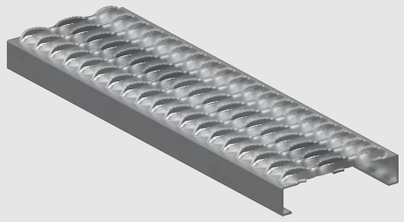
- Diamond Grip walkways consist of one-piece metal planks, providing a uniquely slip-resistant surface.
- Ideal for wet or dry conditions requiring excellent slip resistance and traction.
- Ensures maximum safety underfoot in various working and walking environments.
- Suited for surfaces affected by mud, ice, snow, grease, oil, and detergents, preventing slippery or hazardous conditions.
- Upward and downward embossed diamonds allow drainage of fluids, mud, chips, and debris, making the surface self-cleaning.
- Simple and economical installation, adaptable to cost-effective custom fabrication.
- Long lifespan with minimal maintenance requirements.



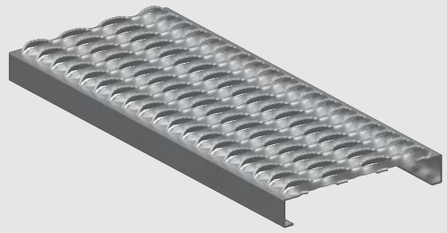
1 Diamond
80 mm



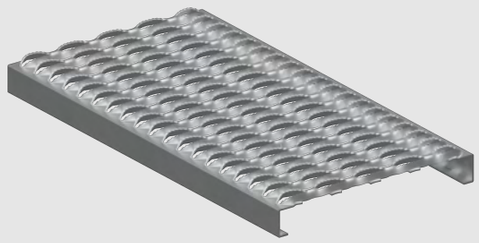
2 Diamond
140 mm



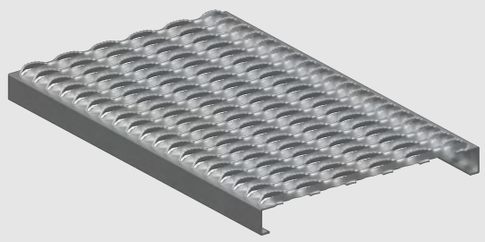
3 Diamond
200 mm



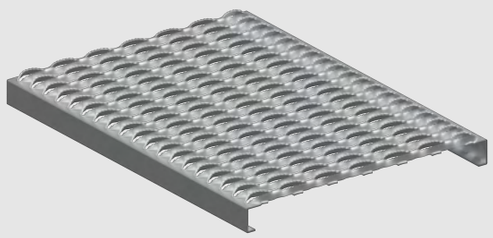
4 Diamond
260 mm



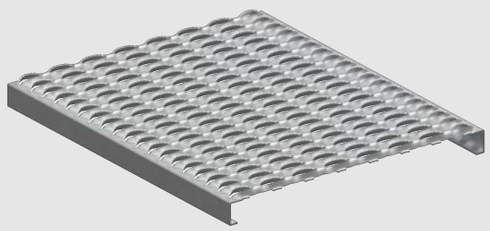
5 Diamond
320 mm



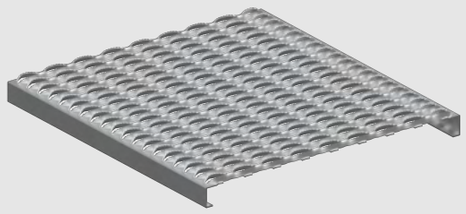
6 Diamond
380 mm



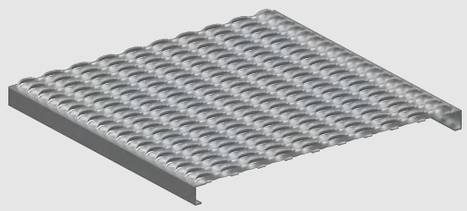
7 Diamond
440 mm



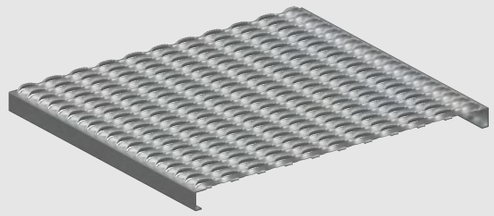
8 Diamond
500 mm



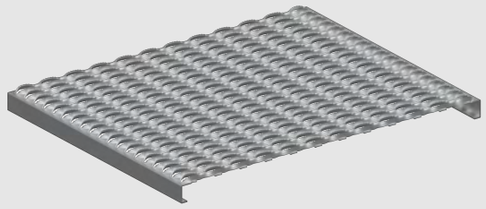
9 Diamond
560 mm



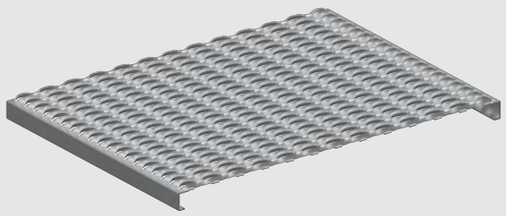
10 Diamond
620 mm



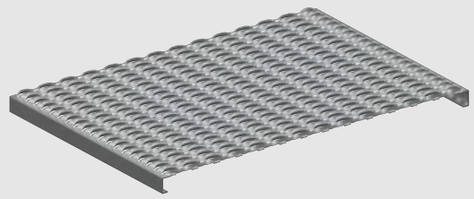
11 Diamond
680 mm



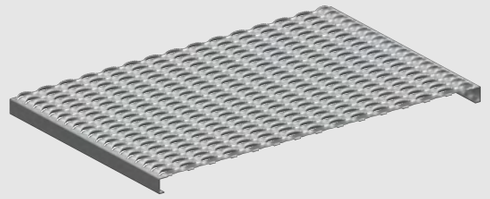
12 Diamond
740 mm



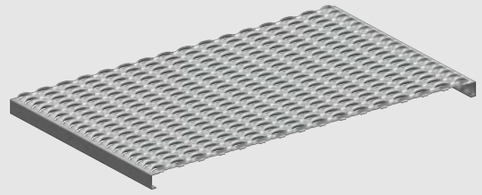
13 Diamond
800 mm



14 Diamond
860 mm



15 Diamond
920 mm



16 Diamond
980 mm

Specifications

Customizable dimensions, durable material choices (Mild Steel, Stainless Steel, Aluminum), diverse surface finishes, and standard sizes with 16 diamonds. Its robust monolithic design ensures sturdiness, making it perfect for slip-resistant applications like platforms, walkways, and stair treads in various settings.

Standard Dimension (Customisations on Request)

- Height: 38 / 50 / 75 mm
- Length: Min. 500 mm to Max 8000 mm
- Thickness: 1.6 mm to 2.5 mm

Surface Finish

- Self finish
- Painting
- Pre-Galvanised
- Zinc Plating
- Powder Coating
- Hot Dip Galvanizing

Standard Width for various Grip Strut diamonds

No. of Diamond	Std. Width
1 Diamond	80 mm
2 Diamond	140 mm
3 Diamond	200 mm
4 Diamond	260 mm
5 Diamond	320 mm
6 Diamond	380 mm
7 Diamond	440 mm
8 Diamond	500 mm
9 Diamond	560 mm
10 Diamond	620 mm
11 Diamond	680 mm
12 Diamond	740 mm
13 Diamond	800 mm
14 Diamond	860 mm
15 Diamond	920 mm
16 Diamond	980 mm

Material of Construction

No. of Diamond	Material Grade	Std. Thickness (mm)
Mild Steel	IS 2062: E250 / E 350	2.0, 2.5, 3.0, 3.5, 4.0, 5.0
Pre Galvanised	IS 277	2.0, 2.5, 3.0, 3.5
Aluminium	As Per Requirement	2.0, 2.5,3.0
Stainless Steel	As Per Requirement	1.6, 2.0, 2.5, 3.0

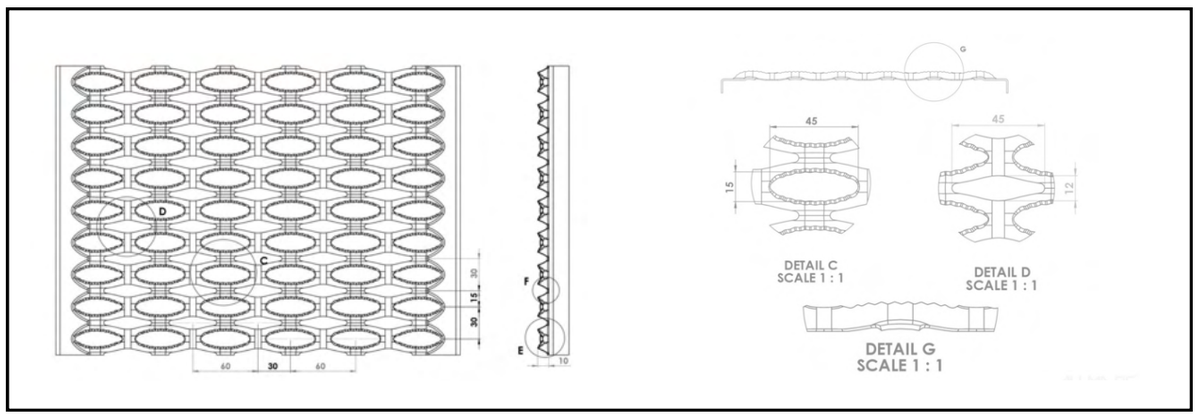
Grip Strut Fixing Accessories for Fast Installation

Grip Strut units offer effortless installation by attaching to any support member below through the utilization of standard Diamond Anchors or specially designed Conventional Z-Clamps. These accessories are exclusively crafted to facilitate secure and efficient Grip Strut fixing applications, ensuring a robust and reliable installation process.

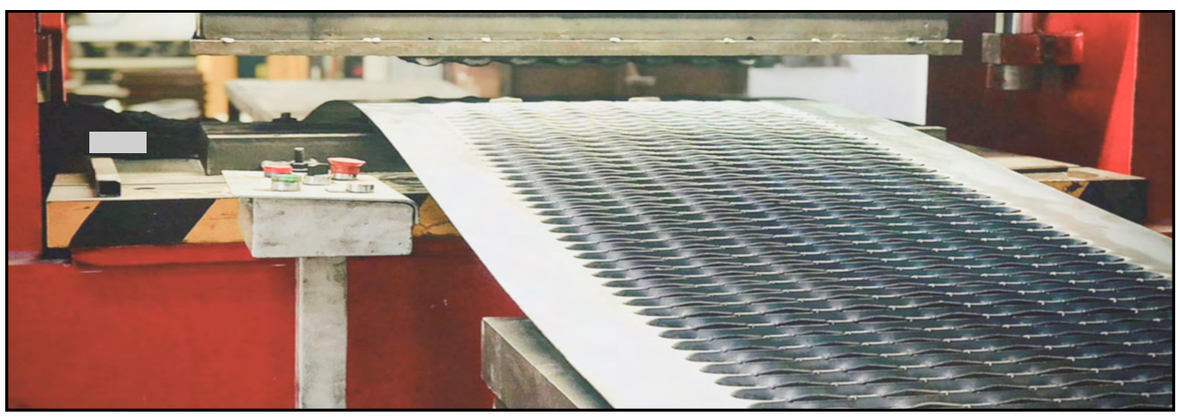
Grip Strut Ramp Test - Anti-slip Grade of R13

The Anti-Skid Ramp Test, conducted by ANULABS in Delhi, subjected Grip Strut to rigorous evaluation under specific conditions. The test involved both dry surface and wet load motor oil scenarios. The results revealed an impressive performance, with the angle of slip reaching 46 degrees. This outcome translates to an Anti-slip Grade of R13, highlighting the effectiveness of Grip Strut in providing superior traction and slip resistance even under challenging conditions.

Grip Strut Design Detail



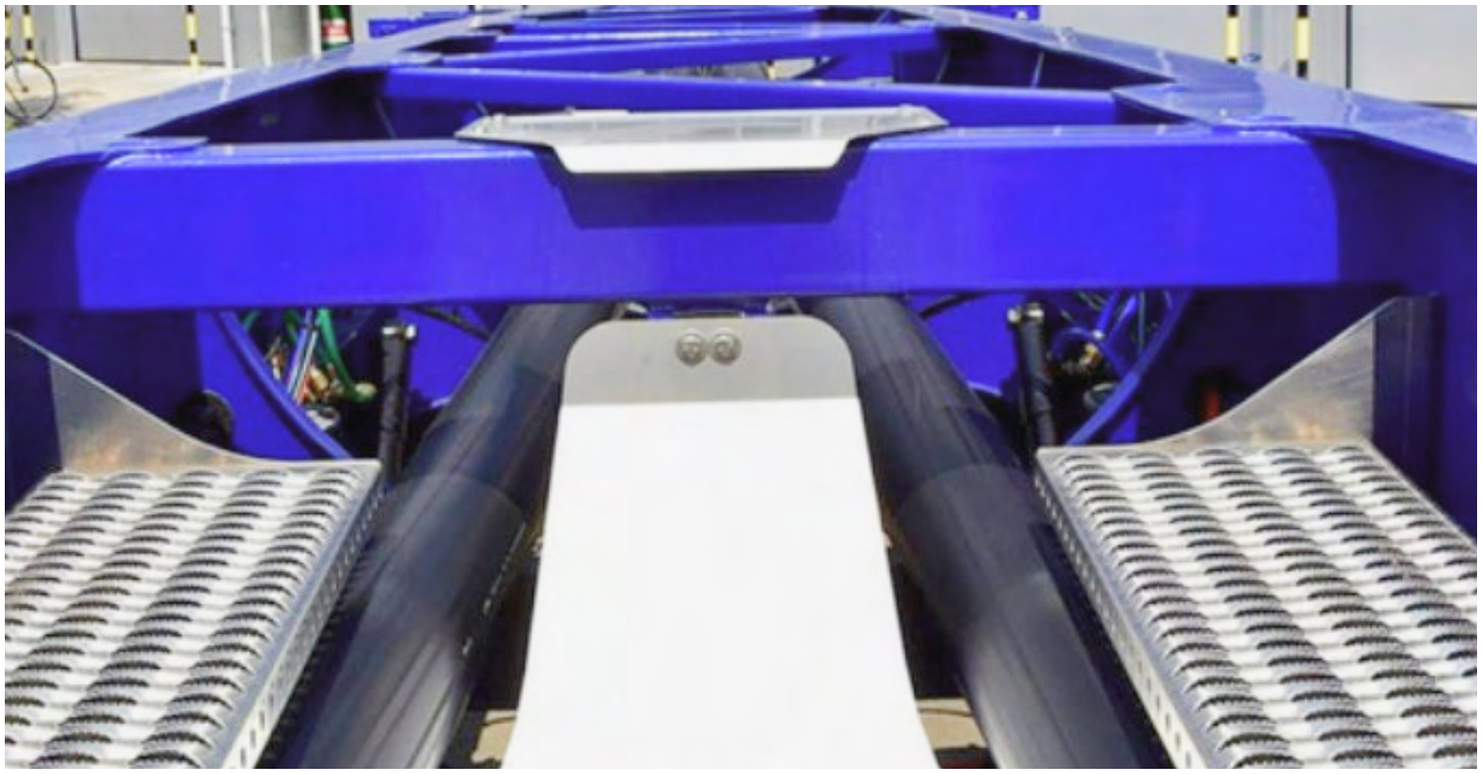
Grip Strut Sheet



Comparison with Conventional Bar Grating and Chequered Plates

	Chequered Plate	Serrated Bar Grating	Diamond Grip Strut
Sample Dimension	1000 mm X 500 mm	1000 mm X 500 mm	1000 mm X 500 mm
Load Bearing Area	0.500 Sqm.	0.500 Sqm.	0.500 Sqm.
Material	MS-IS:2062	MS-IS:2062	MS-IS:2062
Sample Weight (Kg)	~ 24 Kg	~ 24 Kg	~ 13 Kg
Specification	6 mm Thick Chequered Plate (With 60×6mm Stiffeners @ 700mm C/C)	Flat 25X6 Main Members (@ 35mm C/C + 12mm Dia. ISRO Sec Member @ 75mm c/c)	3 mm Thick Cold-Stamped (8 pressed Plate with 50mm Side + 10mm Bottom Bends)
Construction Type	Flat Plate with Stiffeners welded underneath	Electroforged (Rod welded over Serrated Flats)	Single Plank / Monolithic design - No welded Joints
Opening / Void	No opening	35mmX75mm	15mm x 45mm
Fixing Type / Method	Welding	Clamping	Welding, Bolting, Clamping
Weight / Sqm.	~48 Kg	~48 Kg	~26 kg
Slip Angle / Grade	~200 to 260/ R-11	~INR 1560 (@ -INR65 / Kg)	~460 / R-13
Uphill Slip Rate @ 100 (% chance of Slipping)	Dry Surface = 0% Wet Surface, (Oil) = 8%	Dry Surface = 0% Wet Surface, (Oil) = 0%	Dry Surface = 0% Wet Surface, (Oil) = 0%
Downhill Slip Rate @ 100 (% chance of Slipping)	Dry Surface = 0% Wet Surface, (Oil) = 0%	Dry Surface = 0% Wet Surface, (Oil) = 0%	Dry Surface = 0% Wet Surface, (Oil) = 0%
Uphill Slip Rate @ 200 (% chance of Slipping)	Dry Surface = 8% Wet Surface, (Oil) = 67%	Dry Surface = 8% Wet Surface, (Oil) = 67%	Dry Surface = 8% Wet Surface, (Oil) = 0%
Downhill Slip Rate @ 200 (% chance of Slipping)	Dry Surface = 17% Wet Surface, (Oil) = 83%	Dry Surface = 0% Wet Surface, (Oil) = 58%	Dry Surface = 0% Wet Surface, (Oil) = 8%
Co-efficient of Friction, C.O.F (OSHA Rqmt. = 0. 5)	Dry Surface = 0.77 Wet Surface, (Oil) = 0.39	Dry Surface = 0.68 Wet Surface, (Oil) = 0.30	Dry Surface > 1.00 Wet Surface, (Oil) = 0.93
Load Capacitv (Required as per Standard, UDL ~ 400Kg/Sqm)	UDL = ~600 kg/sqm	UDL = 1800 kg/sqm CL = 1090 Kg/m	UDL = 969 kg/sqm CL = 539 Kg/m


J.P. RYAN
LONG VEHICLE
VANHOOL

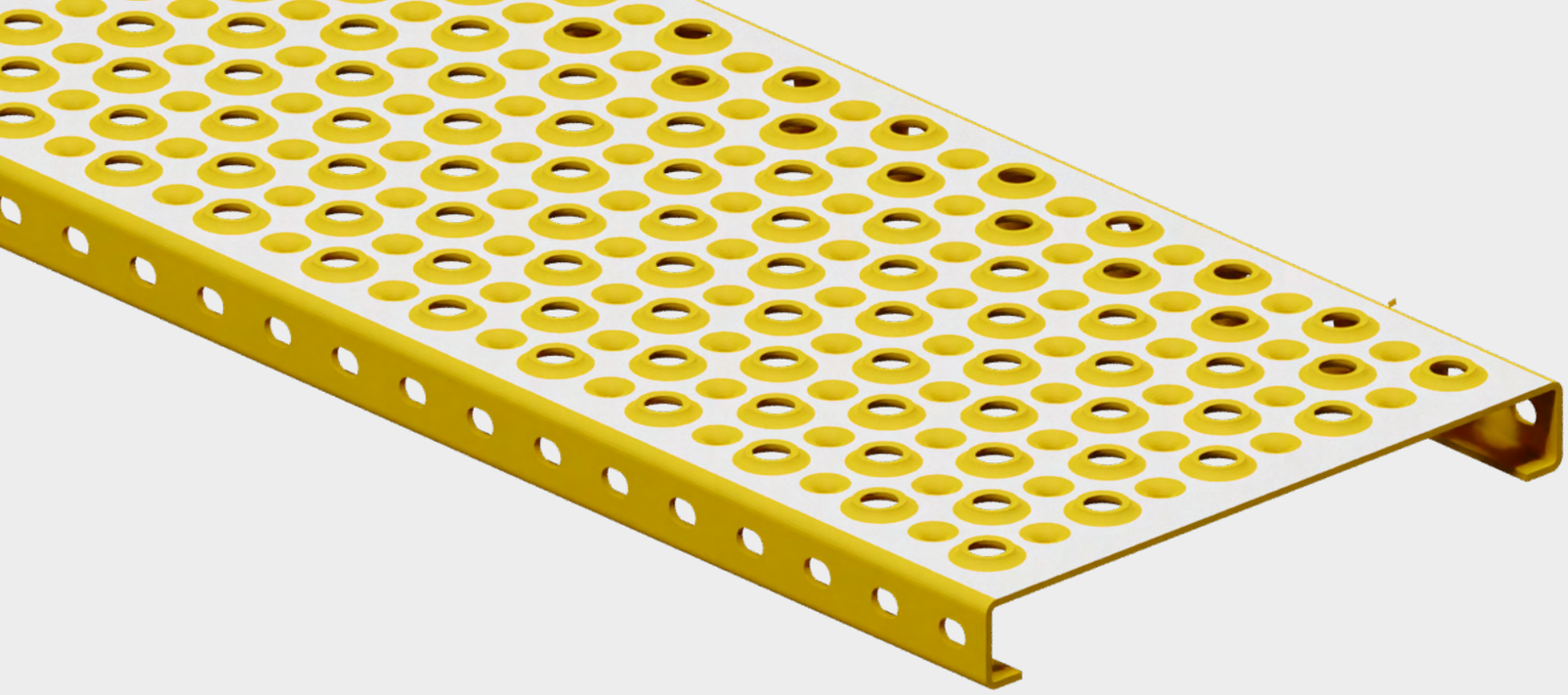



Stolt

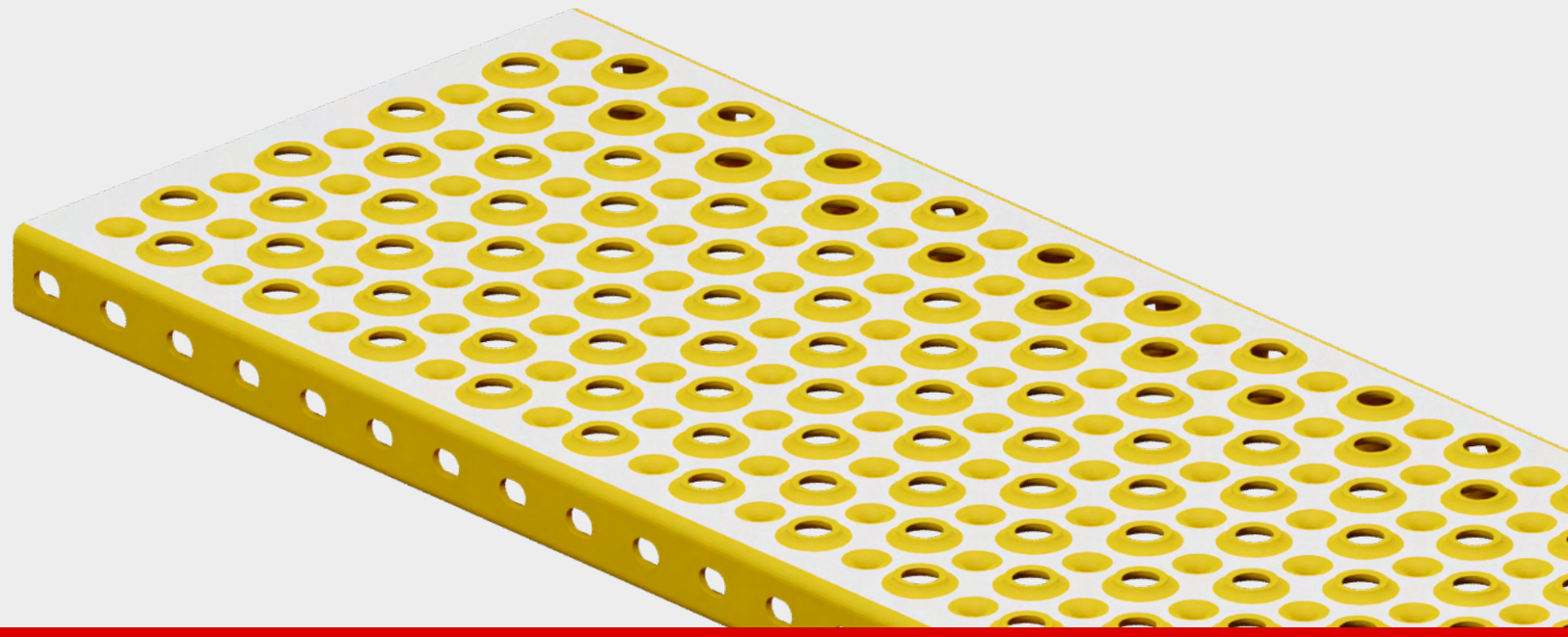
Applications of Grip Strut™

Grip Strut proves indispensable across diverse industries due to its unique features, making it an ideal choice for various applications.

- **Industrial Platforms**: Enhances safety on elevated platforms, utilized in loading docks, manufacturing plants, & processing facilities.
- **Walkways and Catwalks**: Constructs safe walkways and catwalks, ensuring stability in access points between buildings, along production lines, and outdoor facilities.
- **Stair Treads**: Manufactures durable, anti-slip stair treads for secure vertical movement in industrial staircases, fire escapes, and access points.
- **Ladder Rungs**: Provides stable rungs for ladders, enhancing safety during ascent and descent, commonly used in maintenance access ladders.
- **Equipment Platforms**: Ensures a secure surface for workers on equipment platforms, reducing accident risks during machinery installations.
- **Mezzanine Floors**: Utilized in constructing mezzanine floors for additional storage, offices, or workspaces above ground level.
- **Trench Covers**: Creates slip-resistant covers for trenches, promoting safety in manufacturing facilities, construction sites, and utility areas.
- **Ramps and Gangways**: Constructs reliable walking surfaces for ramps & gangways, commonly used in loading areas & shipyards.
- **Utility and Service Vehicles**: Applied to vehicles, ensuring secure foothold for workers during maintenance, inspections, & operations.
- **Conveyor Walkways**: Used in constructing walkways along conveyors, facilitating safe material handling and providing stable access for maintenance.
- **Catenary Walkways**: Installed for safe access along catenary systems in railways, ensuring stability for maintenance personnel.
- **Pedestrian Bridges**: Utilized in constructing pedestrian bridges, providing secure, slip-resistant pathways over water bodies or challenging terrains.



A reversible safety grating, providing adaptability for diverse safety preferences in industrial and general walking surfaces.



Universal Anti-Skid Surface

A reversible safety grating, Allmarc's Universal Anti-Skid Surface provides adaptable solutions for diverse preferences in safety features.

Overview

The Allmarc Universal Anti-Skid Surface is a unique and reversible grating designed to cater to the specific needs of users. With the flexibility to be used on both upward and downward sides, it empowers users to choose based on their priorities, whether it be dumping ability, visibility, slip resistance, or appearance. This safety grating stands out with its simple yet attractive design, making it a versatile and efficient solution applicable across a wide spectrum of industries.

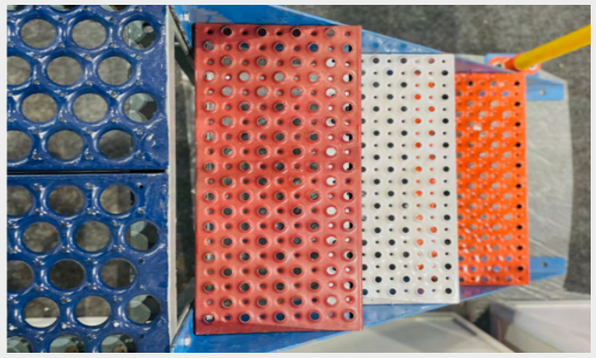
Benefits

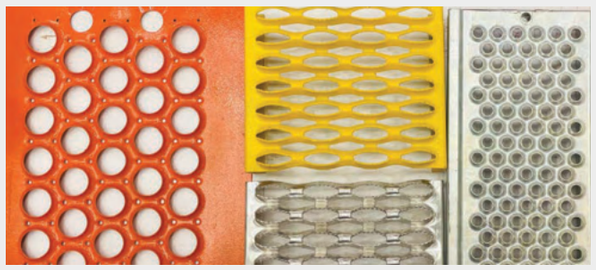
- Reversible design for flexible usage on both upward and downward sides.
- Customizable for dumping ability, visibility, slip resistance, and appearance preferences.
- Simple and attractive design enhances versatility and aesthetics.
- Cost-effective solution offering value for investment.
- Variable dumping ability for diverse industrial and general walking surface applications.

Uses

- Industrial settings requiring adaptable safety solutions.
- General walking surfaces where flexibility and efficiency are paramount.

Available with with Custom Perforations

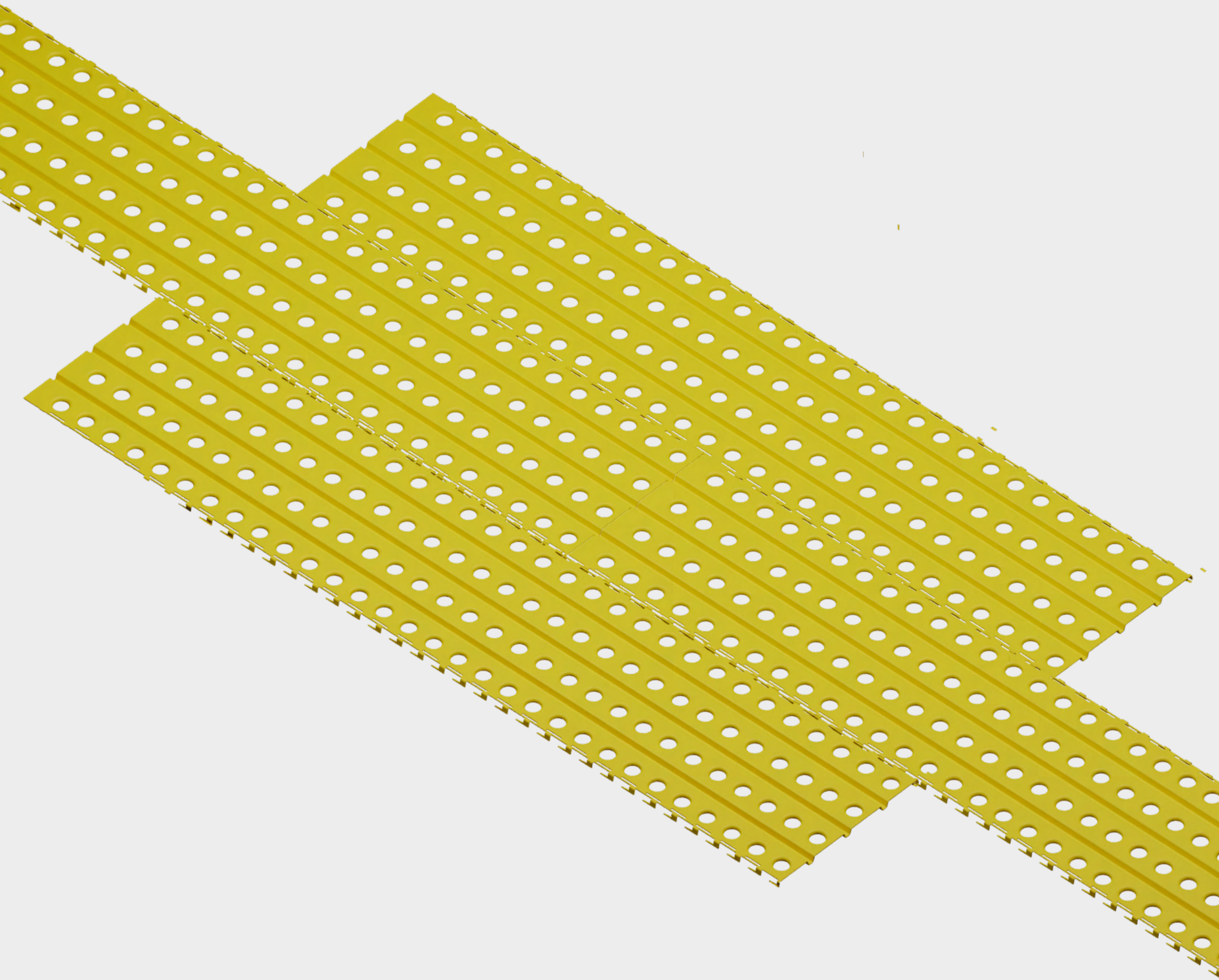




The Universal Anti-Skid Surface from Allmarc goes beyond standard solutions by offering the added feature of customized perforations.

This unique capability allows users to fine-tune the grating's performance, ensuring it precisely meets specific needs and performance requirements.

Whether it's optimizing drainage, enhancing ventilation, or addressing site-specific challenges, the option for customized perforations adds a new dimension of adaptability to this versatile safety grating.



Step Confidently: Allmarc's Landing Mat, Where Safety Meets Every Landing.

Landing Mat

An efficient solution for helicopter landings in challenging terrains, the Mobile Landing Mat ensures safety and quick deployment with minimal personnel.

Overview

Designed as a perfect solution for helicopter landings in hostile or unprepared terrains, the Mobile Landing Mat by Allmarc requires only 2-3 people for rapid deployment. The significance lies in preventing accidents during landings on uneven surfaces, such as desert sand, where flying debris and dust can impact the helicopter's blades and engine. The mat provides a stable and debris-free landing surface, enhancing safety and preserving the helicopter's longevity. Consisting of steel strips with punched holes for dumping and slip resistance, U-shaped ribs for added strength, and a secure hook-and-slot connection system, the Mobile Landing Mat is a reliable choice for diverse landing needs.

Benefits

- Rapid deployment with minimal personnel.
- Enhanced safety during landings in hostile or uneven terrains.
- Prevention of accidents and damage caused by flying debris and dust.
- Steel strips with punched holes for effective dumping and slip resistance.
- U-shaped ribs for added strength and durability.
- Secure hook-and-slot connection system with spring steel clip.
- Standard size: W380 X L1000 X T3 mm.

Uses

- Helicopter landing pads in challenging or unprepared terrains.
- Temporary or permanent runways, walkways, and roads for transportable construction.
- Protection for heavy machines on soft or sandy ground, including terrain cranes, dumpers, backhoes, trucks, forklifts, etc.

Access Systems

Our decking solutions feature the Grip Strut Anti-Skid Surface for superior slip resistance, the versatile Universal Anti-Skid Surface adaptable to various preferences, and the specialized Landing Mat for reliable anti-skid performance, ensuring safety and efficiency in diverse applications.

Crossover Bridges

Seamless pathways for elevated transitions in industrial settings.

Allstep - Modular Access Solution

Versatile modular access system for efficient and adaptable access.

Allguard - Modular Handrails

Robust modular handrail systems ensuring safety in diverse environments.

Alltank - ISO Tank Access System

Tailored access solution designed for ISO tanks, optimizing efficiency and safety.

Allmobil - Mobile Stairs

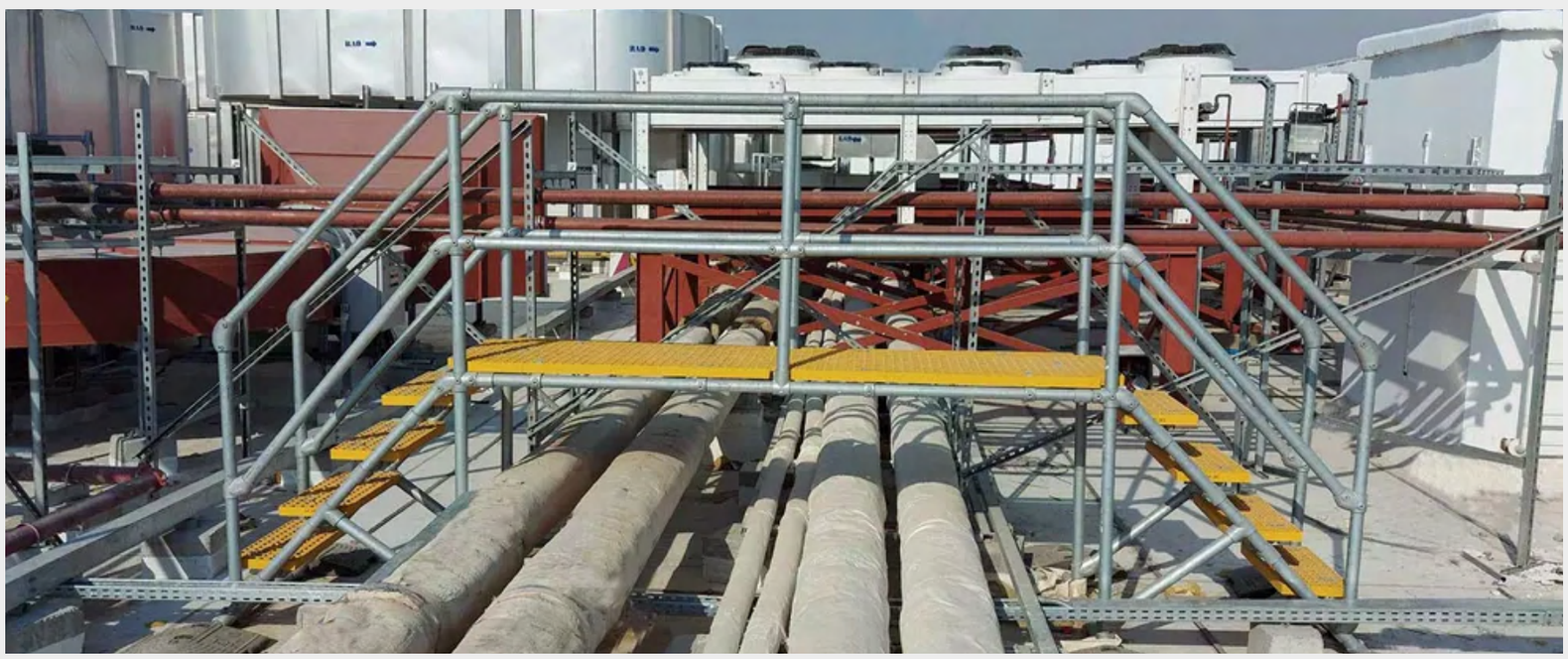
On-the-go stairs providing flexible access in various work environments.

Customized Access Systems

Tailor-made access solutions for specific industrial requirements.

Customisations for Crossover Bridges

- Deck material options: Grip Strut, Universal Anti-Skid, Customized Perforations.
- Tailored dimensions to suit specific project requirements.
- Surface finishes for diverse applications.



Crossover Bridges

Allmarc's Crossover Bridges provide secure, customizable, and versatile pathways for safe pedestrian and equipment crossover.

Overview

Crossover Bridges by Allmarc offer robust solutions for overcoming obstacles, featuring customizable decks to suit specific project needs. With various deck options, they ensure enhanced safety and efficiency in diverse environments.

Benefits

- Secure and slip-resistant pathways.
- Versatile deck options for customized applications.
- Robust construction for durability.
- Enhanced safety for pedestrian and equipment crossover.

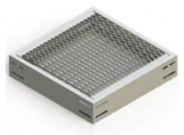
Uses

- Efficiently navigating obstacles on industrial sites.
- Providing safe access in challenging environments.
- Ensuring smooth pedestrian and equipment movement.

Applications for Crossover Bridges

- Industrial Plants: Efficiently navigate obstacles on industrial sites, providing a secure pathway for workers to access various sections of the plant with varying ground levels.
- Construction Sites: Facilitate safe access in construction environments, allowing workers to traverse over machinery, trenches, or uneven terrain with confidence.
- Warehouses: Ensure smooth pedestrian pathways in busy storage areas, allowing for the seamless movement of personnel and equipment.
- Manufacturing Facilities: Improve accessibility within manufacturing plants, enabling workers to cross between different production areas and machinery safely.
- Logistics and Distribution Centers: Optimize the flow of materials and personnel in logistics hubs, ensuring safe and efficient movement over obstacles like conveyor belts or storage zones.
- Power Plants: Enhance safety in power generation facilities, allowing personnel to traverse over equipment and access elevated platforms with ease.
- Mining Sites: Provide a secure crossing over excavation sites, conveyors, and equipment, enabling workers to navigate challenging terrain in mining operations.
- Commercial Buildings: Install Crossover Bridges in commercial structures with varying floor levels, ensuring safe and efficient movement for occupants and maintenance personnel.

Allstep's Modular Marvel for Effortless & Versatile Industrial Access Solutions.

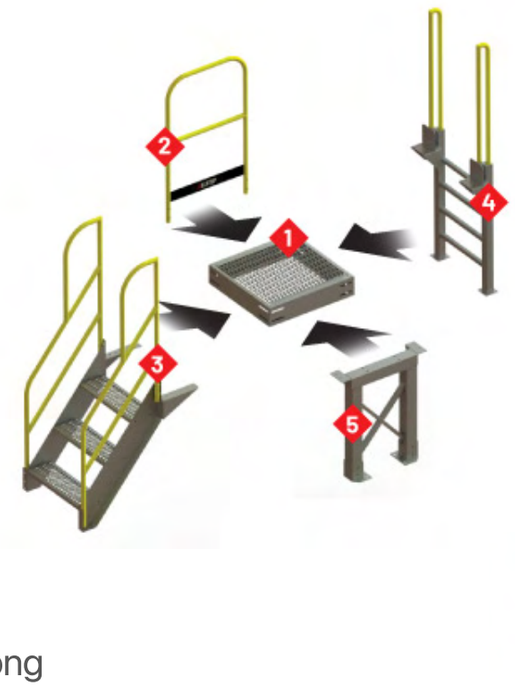


1 Platform

Versatile platforms, prefabricated for high strength and easily expandable, providing a secure foundation in various industrial applications.

5 Tower Supports

Sturdy tower supports, available in various sizes, providing stability and load-bearing capacity for platforms and workers in industrial environments.



2 Handrail

Heavy-duty handrails, easily bolted along platforms, offering secure support & enhancing safety in industrial access systems.

4 Ladders

Steel ladders with rungs for safe climbing, offering a compact solution for limited surface areas with increased working heights.

3 Stairs

Connectable steel stairs with anti-skid options, ensuring stability and safe ascent or descent in diverse settings.

Customisations:

- Tailored dimensions to fit specific project requirements.
- Surface finish options for various environmental conditions.

Applications:

- Industrial premises with varying access needs.
- Construction sites with obstacles and uneven terrain.
- Warehouses and storage facilities.

Allstep offers a streamlined process from needs analysis to delivery, ensuring the right access solution is provided on time, every time.
The modular components and detailed planning contribute to a reliable and efficient access system.

Allstep - Modular Access Solution

A modular access system with five components for effortless configuration, ensuring safe and versatile industrial access solutions.

Overview

Allstep is a versatile Modular Access System comprising only five components, allowing easy configuration for various industrial applications. Its effortless assembly through simple bolting facilitates safe access over pathways, pipes, equipment, walls, and other obstacles. The modular design allows for reconfiguration and relocation for different applications.

5 easy to assemble components of Allstep

1. Platforms:
   - Prefabricated in a standard size of 700 × 700 mm.
   - Steel construction ensures high strength and load-bearing capacity.
   - Universal slots for easy bolting to other units like stairs, ladders, handrails, and supports.
   - Expandable in both longitude and traverse directions.
   - Requires support at intervals of 2800 mm.
2. Stairs:
   - Six standard stair units ranging from 1 to 6 steps.
   - Steel construction for stability during climbing.
   - Easily connectable to other units.
   - Comes with prefabricated 1.5" round steel handrails.
   - Anti-skid surface options: Allmarc Grip-Strut and Allmarc Universal.
3. Handrails:
   - Standard length of 700 mm to fit the platform unit's length/width.
   - Made of heavy-duty 1.5" 1.6mm thick round steel pipe.
   - Easily bolted along the platform bottom.
4. Tower Supports:
   - Carries the load of platforms and workers with stability.
   - Can be bolted to any side of the stair unit or between two platforms.
   - Available in six different sizes for various height configurations.
   - Made of heavy-duty (4mm) steel for maximum load-bearing capacity.
5. Ladders:
   - Steel ladders with rungs for safe climbing.
   - Ideal for limited surface areas with increased working height.
   - Extended handrails for ease while moving to the platform.
   - Bolts to the bottom of the platform.
   - Available in six standard sizes, interlocking to configure into a higher number of steps.

Benefits

- Effortless assembly and disassembly.
- Customizable configurations for diverse applications.
- High strength, stability, and load-bearing capacity.
- Anti-skid surface options for safety.

Uses

- Access over pathways, pipes, equipment, and obstacles.
- Reconfigurable and relocatable for different applications.

AllGuard - Modular Handrail

AllGuard - Elevate safety with Allmarc's weld-free, modular handrail system, ensuring swift installation and robust corrosion protection in industrial environments.

Overview

AllGuard, Allmarc's revolutionary No-Weld Modular Railing System, offers a fast, pre-engineered, and weld-free solution for seamless integration in diverse industrial setups. Featuring a zinc-coated finish, it ensures excellent corrosion protection.

Benefits

- No-Welding at Site: Eliminates the need for on-site welding, reducing complexities and ensuring faster installation.
- Skilled Worker Not Required: Does not require skilled workers or fabricators, making it accessible for various project teams.
- Faster Installation: Pre-engineered design allows for quick assembly, speeding up the installation process.
- Ready to Ship: Swift availability with ready-to-ship components, ensuring timely project execution.

Uses

AllGuard is ideal for a wide range of industrial applications, providing secure and durable handrail solutions in chemical plants, manufacturing facilities, construction sites, and more.

Components of AllGuard

- Corner Mid Elbow: Effortlessly navigate turns with the Corner Mid Elbow, ensuring a smooth and secure transition in your modular handrail system.
- Standard 4-Way Connector: Enhance versatility with the Standard 4-Way Connector, providing a junction point for four handrail segments, ensuring seamless adaptability.
- Standard Tee Connector: Optimize your handrail configuration using the Standard Tee Connector, allowing for the creation of intersections with ease.
- Standard Base Adaptor: Ensure stability with the Standard Base Adaptor, providing a secure connection to the base, enhancing the overall strength of your handrail system.
- Angular Swivel Adaptor & Adjustable Tee Connector: Achieve flexibility in design with the Angular Swivel Adaptor & Adjustable Tee Connector, allowing for angular adjustments and versatile tee configurations.
- Stair Base Adaptor & Stair Post Adaptor: Safeguard staircases effectively using the Stair Base Adaptor & Stair Post Adaptor, ensuring a sturdy and reliable handrail system on elevated platforms.
- Standard Wall Adaptor: Seamlessly integrate your handrail with existing structures using the Standard Wall Adaptor, offering a secure connection to walls.
- Angular 4-Way Connector: Add complexity to your handrail layout with the Angular 4-Way Connector, enabling smooth transitions and intersections at various angles.

Allmobil - Mobile Stairs

Enhance productivity with Allmobil - the hassle-free mobile stairs solution offering easy access and repeated movement with foot-operated auto-locking heavy-duty caster wheels.

Overview

Allmobil - mobile staris are pre-assembled for immediate use, providing a convenient access solution where safe and easy movement is essential. Designed with foot-operated auto-locking caster wheels, they are effortlessly movable and adaptable to various settings, from warehouses and aviation to ports and manufacturing facilities.

Benefits

- Ready-to-use condition for instant deployment.
- Foot-operated auto-locking caster wheels for easy mobility and stability.
- Different height options cater to diverse access requirements.

Uses

Ideal for warehouses, aviation, ports, tank washing facilities, manufacturing facilities, and more, Allmobil ensures secure and convenient access in various industrial settings.

Specifications

- **Material of Construction**: Steel (IS2062: E250)
- **Surface Treatment**: Powder Coating
- **Step Dimensions**:
  - Size: 610 × 200 mm
  - Depth: 220 mm
  - Top Step Depth: 630 mm
- **Load Bearing Capacity**: 300 KG
- **Climb Angle**: 50°
- **Caster Wheel Type**: 3" PU Heavy Duty Casters
- **Locking Type**: Foot Operated
- **Handrail Tubes**: 33 mm 1.6 mm Thk Steel Tubes
- **Standard Color**: Steps - Grey, Handrails - Safety Yellow

Model	4 Step	6 Step	8 Step	10 Step
Working Height	9′6″	11′6″	13′6″	15′6″
Overall Height	7′6″	9′6″	11′6″	13′6″
Top Step Height	4′	6′	8′	10′

Alltank - ISO Tank Access System

Effortless and safe access to ISO containers is now a reality with Alltank, Allmarc's comprehensive ISO Tank Access System, featuring Grip Strut Container Walkways and Collapsible Handrails for unparalleled safety.

Overview

Alltank is meticulously designed to address critical health and safety concerns associated with working on ISO containers. Our Grip Strut Container Walkways provide a secure anti-skid surface, ensuring safety during various operations atop ISO containers. The Collapsible Handrails offer a practical solution, folding down to container height after work completion.

Benefits

- Enhanced Safety: Grip Strut Walkways ensure a safe anti-skid work surface, reducing the risk of falls during maintenance, cleaning, and loading-unloading operations on ISO containers.
- Space Optimization: Collapsible Handrails allow for height adjustment, folding down when not in use, optimizing overall container height as needed.
- Versatility: Alltank offers a complete ISO container access system, including Rung Ladders and Safety Handrails, catering to diverse industry needs.

Specifications - Grip Strut Container Walkways:

- Material: Aluminium, Stainless Steel & Galvanised Steel
- Width: 140 mm To 650 mm
- Length: 5700 mm To 8000 mm (In Single Pieces)
- Height: 25-75 mm
- Thickness: 2 mm To 3 mm

Uses

Alltank is ideal for a wide range of applications, providing secure access for workers involved in ISO container-related tasks, enhancing overall workplace safety.

Collapsible Handrails for Alltank

Designed for height-adjustable safety, the Collapsible Handrails are crafted with a 27.2 mm x 2 mm thickness pipe, ensuring stability and ease of fitting to the walkways on-site.

Specifications - Collapsible Handrail for Alltank

- Length: As per Container
- Pipe: 27.2 mm x 2 mm thickness

Fixed Handrails for Alltank

Designed for low-height railing needs, with fixed vertical tubes for swift installation on walkways, ensuring immediate and reliable safety.

Specifications - Fixed Handrail for Alltank

- Length: As per Container
- Pipe: 27.2 mm x 2 mm thickness

Customised Access System

Tailored access solutions for diverse industrial needs, ensuring safety and efficiency.

Overview

Our Customised Access System provides specialized solutions crafted to meet unique industrial access requirements. Whether it's platforms, walkways, stairs, or other access structures, we design and manufacture solutions tailored to your specifications.

Manufacturing Infrastructure and Equipment

Metals Fabrication:

- Mild Steel
- Stainless Steel
- Aluminum

Fabrication Infrastructure:

- 3,50,000 sq.ft. of factory area with 18m wide bays for large fabrication jobs
- CNC Sir Plasma Cutting with Oxy-Fuel
- CNC Cutting
- CNC Bending
- Hydraulic and Mechanical Power Press
- Pipe Cutting and Bending Machines
- Certified Welders with Laser welding Technology
- 40 Nos. EWM make MIG, TIG, and Arc Welding machines
- Other cutting and shearing machines

Surface Finishes:

- Self-Finish
- Hot Dip Galvanized
- Powder Coated
- Painted

Our state-of-the-art manufacturing capabilities ensure precise and quality fabrication, and our range of surface finishes provides both aesthetic appeal and durability to our custom solutions.

Ready to elevate your industrial access standards?

Connect with us today to discuss your specific requirements and discover how our Customised Access System can enhance safety and efficiency in your workplace. Let's tailor the perfect solution for your unique needs. Contact us now for a safer tomorrow.

Aluminium Single Ladder

Elevate your ascent experience with our Lightweight and Unbreakable Wall Supported Aluminum Ladder.

Overview

Our Aluminum Single Ladder combines lightness with heavy-duty strength, providing a rust-proof, fire-resistant, and flint-proof solution. This ladder ensures stability and safety in various applications.

Benefits

- Lightweight design for easy handling
- Rust, dust, fire, and flint-proof construction
- Unbreakable ladder structure with 100% twist-proof design

Uses

Ideal for tasks requiring safe and efficient vertical access in diverse industrial and commercial settings.

Diamond Ladder Step

Choose strength, safety, and durability with our Diamond Ladder Steps, offering corrosion resistance and low maintenance.

Overview

The Diamond Ladder is the optimal choice when considering strength, safety, and low-maintenance benefits. Its self-cleaning feature and corrosion resistance make it suitable for various applications.

Benefits

- High strength and safety
- Corrosion resistance
- Self-cleaning and low maintenance

Uses

Perfect for applications where strength, safety, and corrosion resistance are essential, ensuring reliable vertical access.

ISO Rung Ladder

Step into safety with our Anti-Skid ISO Rung Ladder range, designed for versatile and secure climbing.

Overview

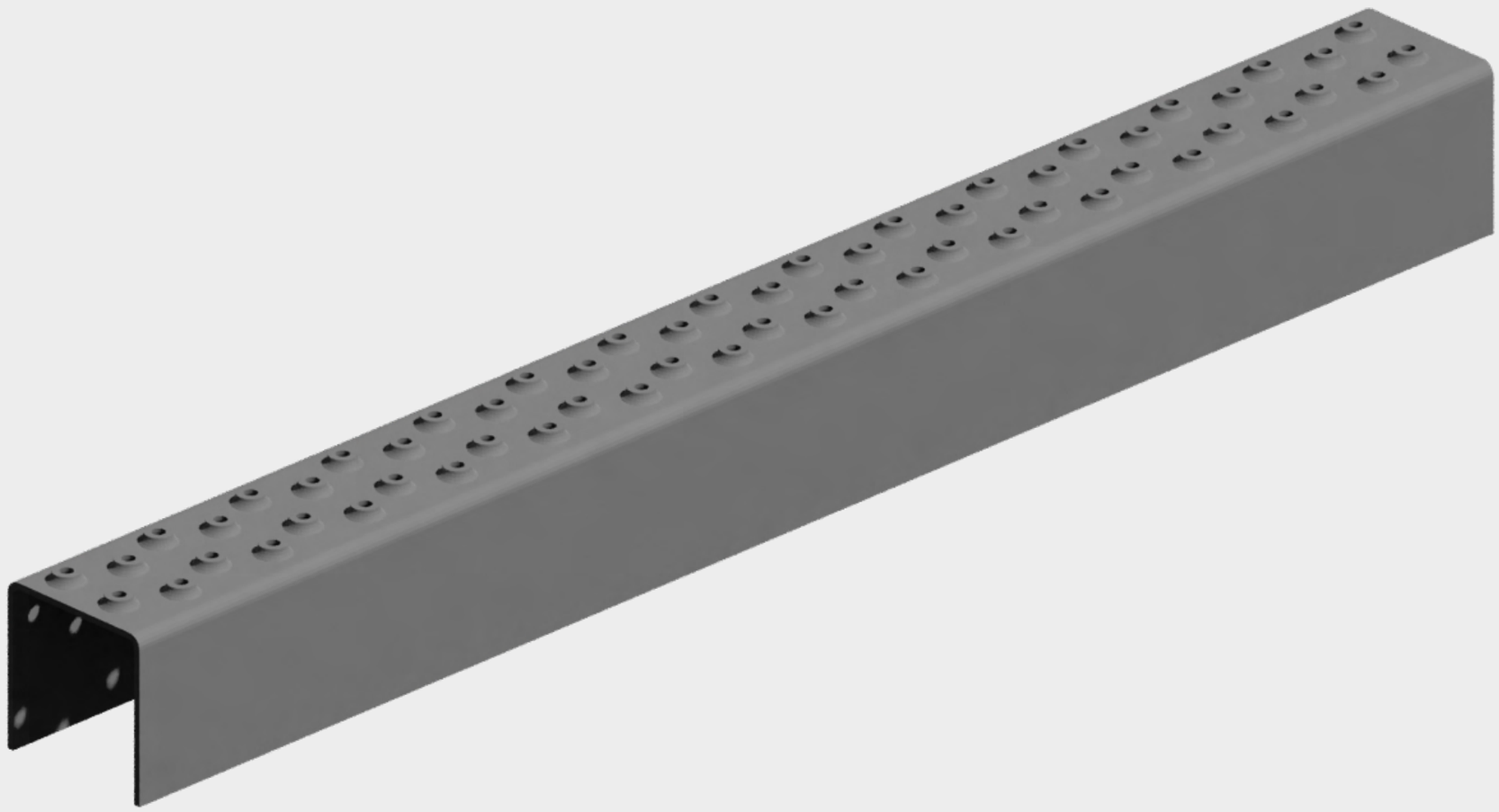
Our Anti-Skid Ladders feature a range of rungs tailored to diverse applications, prioritizing safety and stability during ascent and descent.

Benefits

- Anti-Skid design for secure climbing
- Versatile applications
- Enhanced safety with reliable rung construction

Uses

Suitable for a wide array of applications where secure and skid-resistant climbing is crucial, ensuring safety in various settings.



High Speed Rail Mumbai - Ahmedabad

Empowering MHASR: Allmarc's Role in High-Speed Rail Ahmedabad to Mumbai. This iconic high-speed rail project is setting new standards for efficiency, speed, and connectivity in the Indian transportation landscape.

Overview

In 2021, Allmarc collaborated with L&T Construction Limited for the High-Speed Rail project connecting Mumbai to Ahmedabad. Situated along the C6 route from Baroda to Ahmedabad, Allmarc provided formwork solutions for piers and pier caps, contributing to the successful execution of this high-profile transportation infrastructure project.

Location

C4, C6, C7 Navsari to Ahmedabad

Scope of Supply

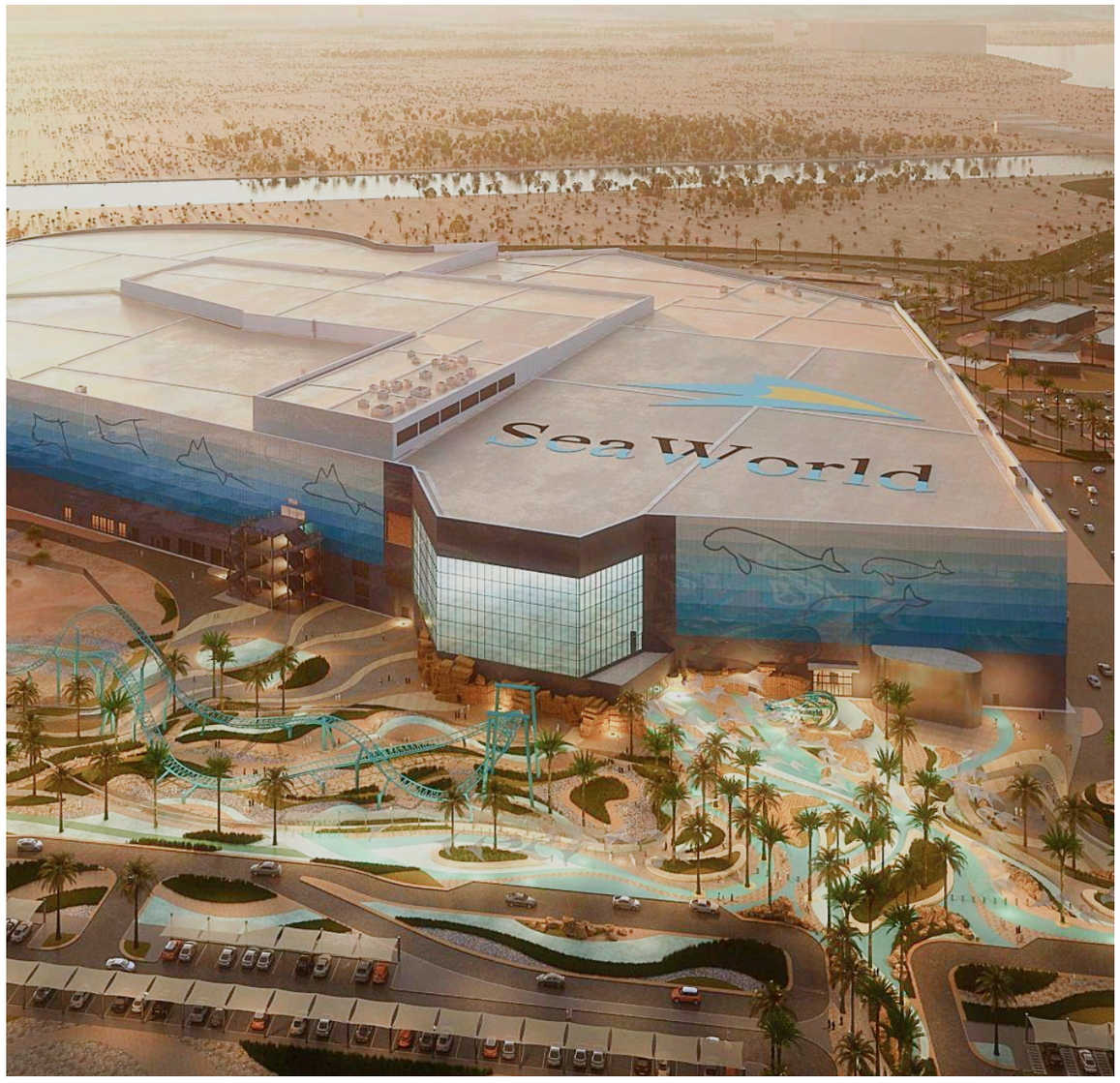
Pier, Pier Cap Formwork

Client

L&T Construction Limited, Dinesh chandra R Aggarwal Infotech

Year

2021


Sea World


سي وورلد
SeaWorld.

Sea World®: Marine Life Theme Park, Abu Dhabi, UAE

Sea World's allure, Allmarc's grip—marine safety in Abu Dhabi.

Overview

Embarking on a marine adventure, Sea World® in Yas Island, Abu Dhabi, collaborated with Allmarc in 2021. The project involved the supply of Aluminium Diamond Grip Strut, contributing to the safety and accessibility of the park. Kee Safety LLC entrusted Allmarc with this crucial aspect of their visionary project.

Location

Yas Island, Abu Dhabi

Scope of Supply

Aluminium Diamond Grip Strut

Client

Kee Safety LLC

Year

2021


सत्यमेव
जयते

New Parliament Building, New Delhi

Architectural majesty: Allmarc's walkway planks grace New Delhi's Parliament.

Overview

In the year 2020, Allmarc played a pivotal role in the construction of the iconic New Parliament Building at Central Vista, New Delhi. Collaborating with TATA PROJECTS LIMITED, Allmarc supplied essential scaffolding walkway planks, contributing to the development of this significant governmental infrastructure.

Location

Central Vista, New Parliament Building, New Delhi

Scope of Supply

Scaffolding Walkway Planks

Client

TATA PROJECTS LIMITED

Year

2020

Narendra Modi Stadium, Ahmedabad

Elevating standards in the grandeur of the world's largest cricket stadium.

Overview

In 2018, Allmarc played a crucial role in the construction of Narendra Modi Stadium located in Motera, Ahmedabad. We supplied essential Scaffolding Walkway Planks to support the construction efforts. L&T Construction Limited, a renowned name in the industry, entrusted us with this significant project.

Location

Motera, Ahmedabad

Scope of Supply

Scaffolding Walkway Planks

Client

L&T Construction Limited

Year

2018

Reliance Refinery

In Gujarat's Jamnagar, Allmarc's contributions to the World’s largest oil refinery project showcase its expertise in large-scale industrial development.

Overview

In 2021, Allmarc collaborated with Hitech Projects Pvt Ltd for the Reliance Refinery project in Jamnagar Moti Khavdi, Gujarat. The scope of supply involved providing scaffolding walkway planks, contributing to the infrastructure development of the renowned Reliance Refinery in this key industrial location.

Location

Jamnagar Moti Khavdi, Gujarat

Scope of Supply

Scaffolding Walkway Planks

Client

Hitech Projects Pvt Ltd

Year

2021

Prayer Hall / Temple Project, Congo, DRC

Allmarc Industries showcases expertise in structural fabrication and erection with the Congo-based Prayer Hall / Temple Project.

Overview

The Prayer Hall / Temple Project in Congo, located in the Democratic Republic of the Congo, sub-Saharan Africa, stands as a testament to Allmarc Industries' expertise in structural fabrication and erection services.

Location

Democratic Republic of the Congo, sub-Saharan Africa

Scope of Supply

The project encompassed the structural fabrication and erection of various components, including the upper and lower canopy, dome, side walls, stairs, railing, benches, and more.

Client

OGIS India

Year

2021


adani
STS-02


adani


STS-06
AL RAWDAH
MAJURO
IMO 9349584


EVERGREEN

Adani Port, Mundra

Allmarc contributed to the infrastructure of Mundra Port, India's largest commercial port with a deep draft and all-weather capabilities.

Overview

In the year 2016, Allmarc made noteworthy contributions to the Adani Ports and SEZ Ltd. project located at Mundra Port, Kutch. Collaborating with Adani Ports and SEZ Ltd., our scope of supply included top-quality Foster Locking Clamps and Pipe Clamps. This project stands as a testament to Allmarc's dedication to delivering reliable solutions and fostering strong partnerships.

Location

Adani Ports and SEZ Ltd, Mundra Port, Kutch

Scope of Supply

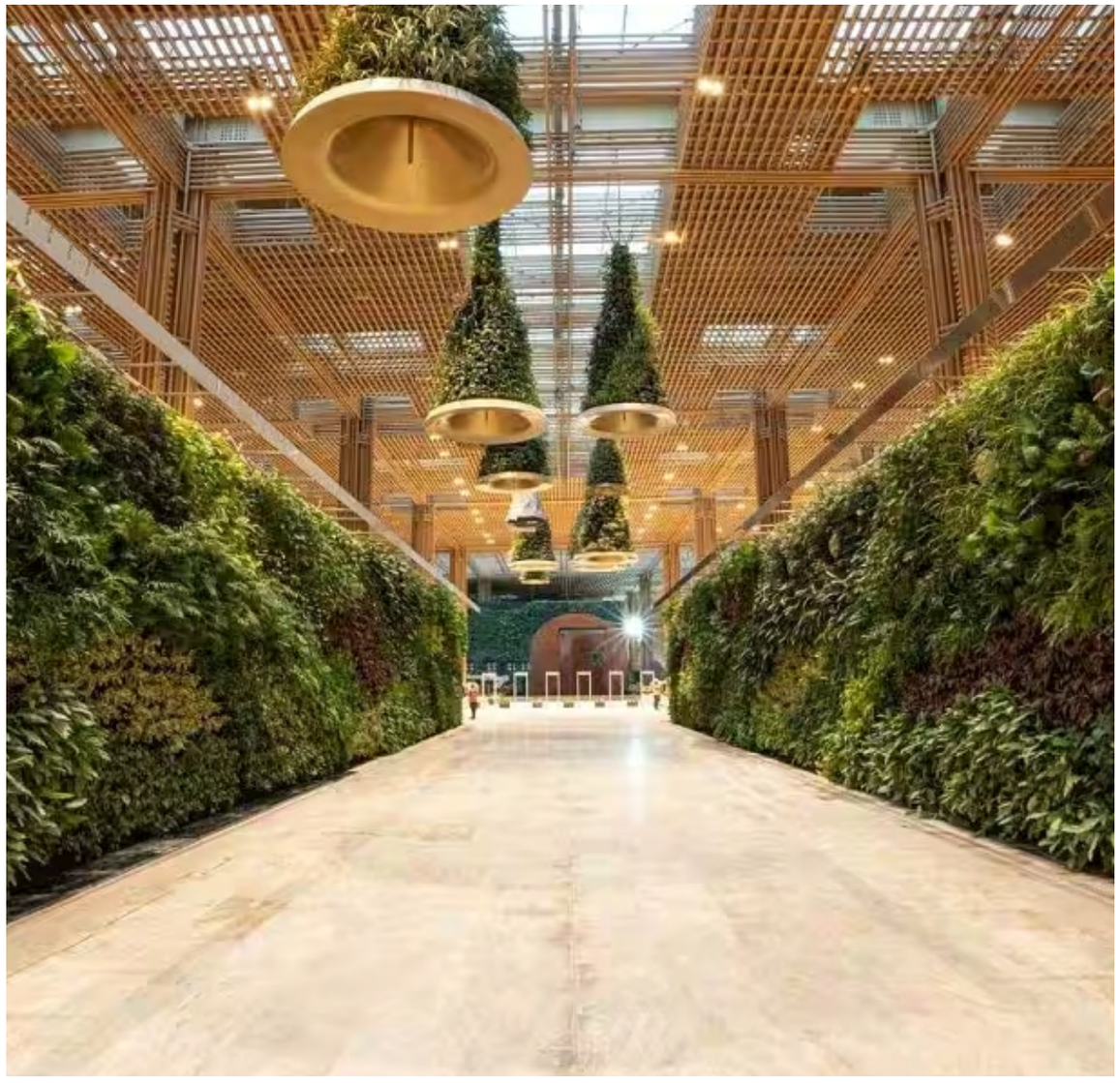
Foster Locking Clamps, Pipe Clamps

Client

Siemens Ltd.

Year

2016




International departures
ಅಂತಾರಾಷ್ಟ್ರೀಯ ನಿರ್ಗಮನಗಳು । अंतरराष्ट्रीय प्रस्थान

BIAL's Kempegowda International Airport Terminal 2, Bengaluru

Allmarc takes pride in contributing to the development of India's first greenfield international airport terminal in Bengaluru

Overview

In 2019, Allmarc collaborated with L&T Construction Limited for the BIAL T2 Project at Kempegowda International Airport, Devanahalli, Bangalore. The scope of supply included Scaffolding Walkway Planks, contributing to the construction and development of this significant airport infrastructure.

Location

BIAL T2 PROJECT, DEVENAHALLI, BANGALORE 560300, KARNATAKA

Scope of Supply

Scaffolding Walkway Planks

Client

L&T Construction Limited

Year

2019


SINGAPORE AIRLINES


namma metro


ITC NARMADA

Allmarc's Project Portfolio

Discover excellence in action with a curated selection of Allmarc's projects. From major infrastructure contributions to industrial ventures, witness a legacy of quality and expertise.

Highlighted Project Showcase

- Nestle Factory, Sanand, Ahmedabad, Gujarat
- DWTC EXPO 2020, Dubai
- TCS Sahyadri Park 2, TCS Pune Project, Maharashtra
- International Tech Park,, ITPG Project Gurgaon, Haryana
- New Ganga Bridge Project, Patna
- Heritage Max, Ascendas Heritage Elevate Project Gurgaon, Haryana
- Waterfall Residence Project, C/o Krisumi Corporation Pvt LTD, Gurgaon, Haryana
- Sir Ganga Ram Hospital, New Delhi
- DLF Midtown Project, Moti Nagar, New Delhi
- MFF Hajira, Surat, Gujarat
- Obra C Site, Uttar Pradesh
- EPC PM Jawaharpur, Vi Malawan, Etah, Uttar Pradesh
- HPCL Rajasthan Refinery, Pachapadra, Rajasthan
- Piramal Vaikunth, Balkum Pada, Thane, Maharashtra
- Pheonix Palladium Mall, Ahmedabad, Gujarat
- Grasim Vilayat, Bharuch, Gujarat
- ITC Narmada, Ahmedabad, Gujarat
- U Girder Project for Pune Metro, Pune
- U Girder Project for Bangalore Metro, Bangalore
- Navi Mumbai Airport, Panvel
- L&T Hydrocarbon Cairn MUP Project, Barmer, Rajasthan
- MTPD Ammonia & 3850 MTPD Urea Fertilizer Project HURL, Barauni, Bihar
- MTPD Urea Fertilizer Project HURL, Sindri, L&T Hydrocarbon Engineering Limited, C/O HURL, Sindri Site, Jharkhand
- Campus Development Project of IIT Hyderabad Phase II, Medak, Telangana
- Construction of Building 401 for FRFCF at Kalpakkam, IGCAR, Kanchipuram, Tamil Nadu
- Dhubri Bridge, Brahmaputra River connecting Assam-Meghalaya
- APCRDA Amaravathi, Nelapadu Village, Guntur, Andhra Pradesh
- Construction of Reactor Building - Reactor Auxiliary Building, Tirunelveli, Tamilnadu, India
- Power Service BU-Barh, Barh, Near Patna, Bihar
- The Dhamra Port, Odisha
- Sugen, Torrent Power Plant, Surat, Gujarat
- Guide Rail, Canada
- Power DCF BU Harduaganj, Vi Harduaganj, Uttar Pradesh
- 3x800 MW NTPC, Kudgi, Karnataka
- Six Lane SGRP, Samakhiali Gandhidham Road
- WDFCC 1 & 2 Packaged (DFCC), Kivarli, Aburoad, Rajasthan
- Reliance Refinery, Moti Khavdi, Jamnagar, Gujarat
- L&T MIEP Kota - Construction of 8 Lane Access Controlled Express Way, Kota
- L&T MIEP Kota – Strong Back for Precast Element, Kota
- Twin cell Long Line Mould – C6 Package, Gujarat
- SMD Long Line Mould – C6 Package, Gujarat
- PIER – PIER CAP, C6 PACKAGE – SECTION 1, 2 & 3, Gujarat
- Mould For U Drain Duct, Gujarat
- I Girder Mould for 60 Mtr. Span, Gujarat
- Curve Bed Long Line for Pune Metro Line, Pune
- U Girder Mould, Pune
- Trestle Module for C6 Package, Sanand, Ahmedabad, Gujarat
- EPC Services for Acrylics / Structure, Sanand, Ahmedabad, Gujarat
- ATI 200, ATI140, ATI110 Platforms, Sanand, Ahmedabad, Gujarat
- Elevated Dual Taxiway, Delhi Airport

Our Clients

LARSEN & TOUBRO
MITSUBISHI ELECTRIC
ELEVATORS AND ESCALATORS
AG MELCO Elevator Co. L.L.C.
SIEMENS
adani
TATA
TATA POWER
DOOSAN
Keestrack
Reliance
Industries Limited
Shapoorji Pallonji
ALTRAD
Putzmeister
KYB
conmat
AMMANN
Apollo
Amul
The Taste of India
THERMAX
YIZUMI
AFCONS
AFCONS INFRASTRUCTURE LIMITED
ASTEC
INDUSTRIES, INC.
sierra
TATA
TATA PROJECTS LIMITED
PSP
Build to Last
YOUNGMAN
HINDALCO
SUZLON
KEC
KEC INTERNATIONAL LIMITED
एच.ई.सी.
HEC
MARINI
FAYAT GROUP
propel
Engineering Excellence
Gmmco
PUSHING BOUNDARIES
Atlas Copco
ARX
Mining & Construction
Equipment Pvt. Ltd.
STERLING & WILSON
LIEBHERR
BRIDGES2000
Creating safe connection
Kee Safety
VAN DOORN
container parts bv
REL
REVATHI EQUIPMENT LIMITED
normet
mtandt
ThyssenKrupp
DRILLMEC
DRILLING TECHNOLOGIES

ASTEC
RovD USA
INDUSTRIAL AUTOMATION
DRA
SPEEDCRAFTS
ASPHALT & CONCRETE EQUIPMENT
ROHAN
BUILDERS & DEVELOPERS PVT. LTD.
SGIL
UltraTech
CEMENT
The Engineer's Choice
AL TASNIM GROUP
Plasser India
HI-TECH
HAITIAN
HUAYUAN INDIA
Sparkline
MORAN
GROUP
ULTRA
ENGINEERS
Engineering & Energy Solution
meil
AM/NS
INDIA
PRD
GOOD TO DRILL
BUCHER
hydraulics
KRIBHCO
Cooperative and beyond...
TAIKI-SHA
ELECON
GEARING THE FUTURE
ADITYA BIRLA
GRASIM
ACE
نجمة الزمرد للتجارة العامة (ش.ذ.م.م)
EMERALD STAR GENERAL TRADING (L.L.C)
A part of Emerald Star Group
AL HAJIRY
MILACRON
شركة عمان للمنتجات الحفرية المحدودة المسئولية ش.م.م
OMAN DRILLING MUD PRODUCTS CO. LLC.
moglix
TPSC
INDIA
HIROTEC
NEPRA
VEER-O-METALS Pvt. Ltd.
R N P GROUP
An ISO 9001:2008 Company
Engineered to Deliver
ElectroMech
Solutions | Service | Satisfaction
Arvind
snorkel
Epiroc
NANDAN
GSE
LLOYD
INSULATIONS
SACMI
Holcim
tega
PARTNERSHIPS IN PRACTICE
NEGRIBOSSI
AAM

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Contact Us

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400+ Employees

350k+ Sq. ft. Plant

300+ Trusted Clients

100+ Product Range

Allmarc Industries Private Limited

TÜV NORD CERTIFIED COMPANY

At Allmarc, we're 400+ experts committed to excellence within our 350,000 Sq. Ft. Ahmedabad facility, where innovation converges with precision. Our cutting-edge facilities house advanced equipment, including Plasma cutting and Robotic Welding, propelling us toward our monthly goal of 1800 MT. Our legacy is defined by innovation, progress, and an unwavering commitment to shaping a brighter future for the nation.