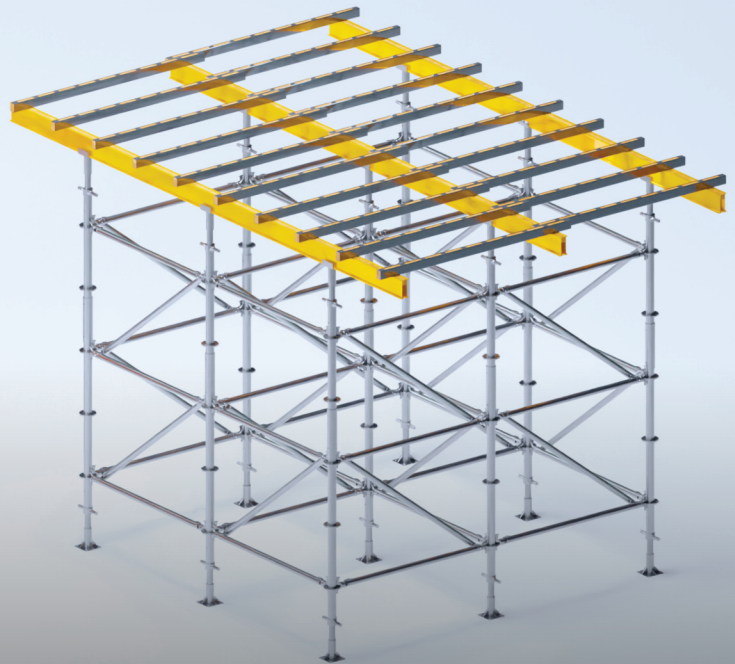
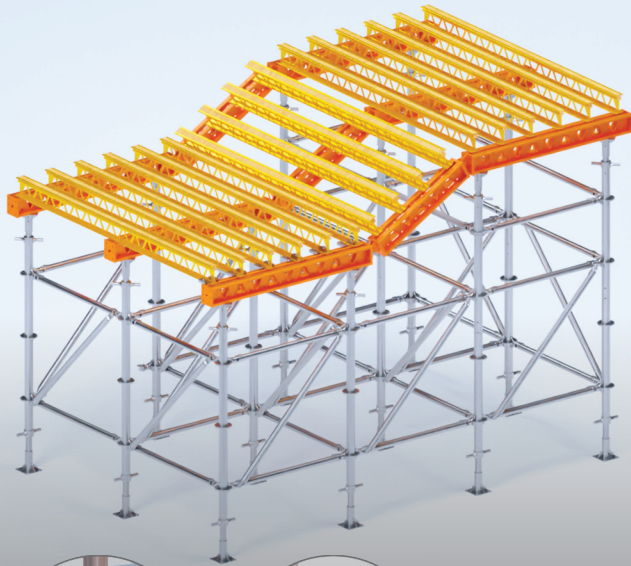


Scaffolding & Shoring Solutions



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

Scaffolding Solutions: Customised Planks & Toe Guard

Planks

Planks are commonly used in modular scaffolding systems worldwide. Their unique lightweight design makes them ideal for use as walkway planks in scaffolding.

■ Benefits of circular perforations

- Enhanced Traction
- Slip-resistance Surface
- Clean with Ease
- High Durability

■ Standard Specifications (Customisations Available) :

Width: 200 mm to 1000 mm

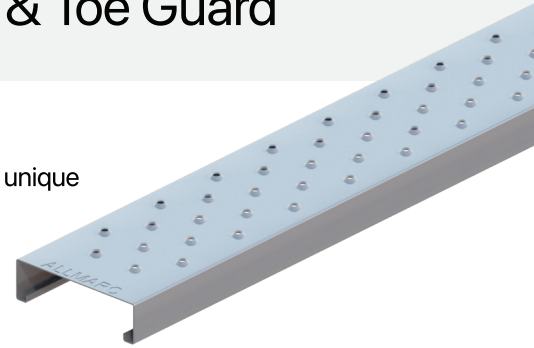
Height: 25 mm to 100 mm

Length: 200 mm to 8000 mm

Thickness: 1.8 mm to 5 mm

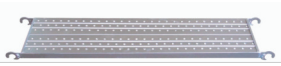
Material: Mild Steel IS 2062 : E250, Pre Galvanised IS 277

Surface Finish: Painted, Pre Galvanised, Hot Dip Galvanised, Powder Coated



Customised Planks

■ Customised Perforation - Intricate Embossing



Round Dimple Perforation



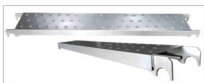
Cross Capsule Perforation



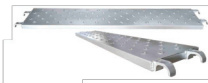
Star Capsule Perforation

Customised Perforation
as per requirement

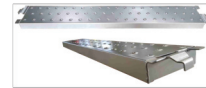
■ Customised Planks with Adaptable Hooks



American Plank Raised Hook



Plank with Forged Fix Hook



American Plank Dog Ear Hook



Plank with Heavy Duty Fix Hook

■ Customised Planks as per Project Specifications

Leveraging our expansive factory, advanced fabrication equipment, and skilled team, we specialize in crafting custom planks tailored to your needs. Connect with us today for personalized solutions.

Toe Guard

Enhances safety, preventing falls of objects or personnel, crucial in risk zones.

■ Standard Specifications

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



Fix Length Toe Board

Stable & cost-effective for consistent scaffold sizes.



Telescopic Length Toe Board

Adjustable panels for versatile configurations

Scaffolding Solutions: Cuplock System

Heavy Duty Cuplock System

Quick assembly, adaptability in confined spaces, and a robust 8 MT loading capacity for strength and durability.

■ Overview of Allmarc's Cuplock System

Our Cuplock System is a global construction favourite, known for adaptability in tight spaces & efficient formwork support. Its quick assembly, reliable joint fastening & safety features make it ideal for diverse applications. With proven track record, our lightweight yet robust system offers a cost-effective solution for construction, demolition, maintenance projects worldwide.

■ Components of Allmarc's Heavy Duty Cuplock System

● Cuplock Standards or Verticals

- Crucial component, made from 60 mm OD MS Round Pipes.
- Cup Joints welded at 500 mm intervals, customizable.
- Durable top cups crafted from malleable casting.

● Cuplock Ledger or Horizontal

- Forged Ledger blades, seamless fit between vertical components.
- Crafted from 48 mm OD MS round pipes with 3 mm thickness.
- Customizable for specific client requirements.

● U-Head Jack

- Essential for additional height adjustment on Cuplock Standards.
- Maximum length adjustment of 300 – 600 mm.
- Impressive load-bearing capacity of up to 4 tons.

● Base Jack

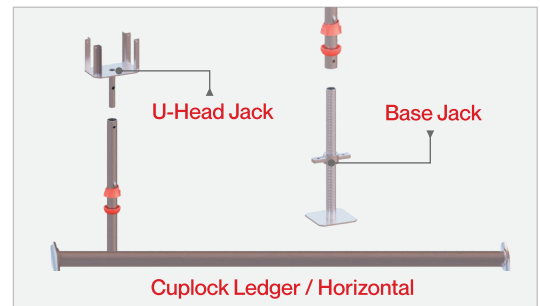
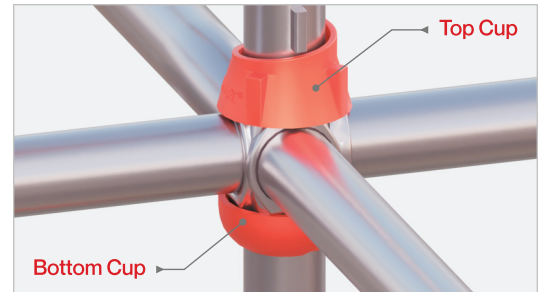
- Positioned at the bottom of verticals for ground level variations.
- Ensures stability and load-bearing support (4-ton capacity).
- Consists of a hollow pipe (OD: 48 mm) and a solid rod (OD: 38 mm).

● Top Cup

- Forged top cup for extended service life, surpassing market standards.
- Movable component, slides along the length of the vertical standard.
- Crucial for securing the ledger to maintain structural integrity.

● Bottom Cup

- Fixed component, welded to the vertical standard.
- Acts as a support for the ledger, ensuring even load distribution.



● Cuplock Accessories

- Forged Double Coupler / Fix Coupler
- Putlog Coupler - Wrapover
- Forged Swivel Coupler
- External Sleeve Coupler
- Board Retaining Clamp (BRC Coupler)
- Ladder Clamp
- Expanding Joint Pin
- Beam / Girder Clamp
- Rotating Beam / Girder Clamp

● Standard Jack Lengths

- Hollow Pipe Jack : 230, 350, 450, 600 (mm)
- MS Solid Jack: 300, 350, 450, 600 (mm)

■ Specifications

- | | |
|---|--|
| • Outer Diameter: 60 mm | • Section Modulus: 8.15 cm ³ |
| • Thickness: 3.2 mm | • Material Grade: YST 310 Steel (60% stronger than market YST 210, higher load capacity) |
| • Sectional Area: 4.53 cm ² | |
| • Moment of Inertia: ~25.19 cm ⁴ | |

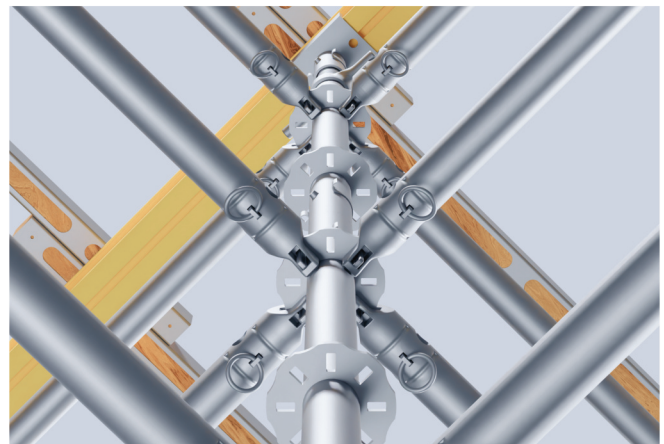
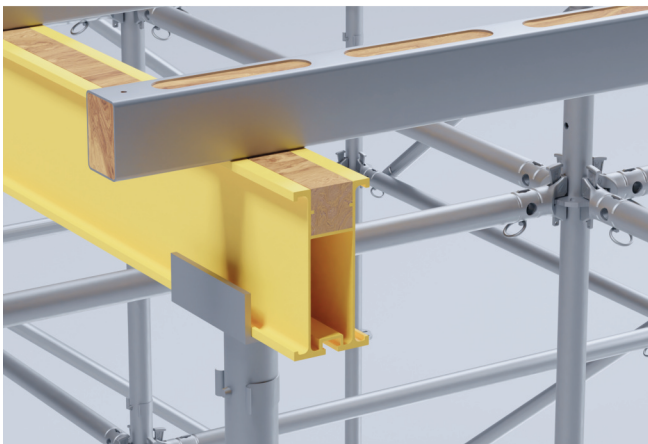
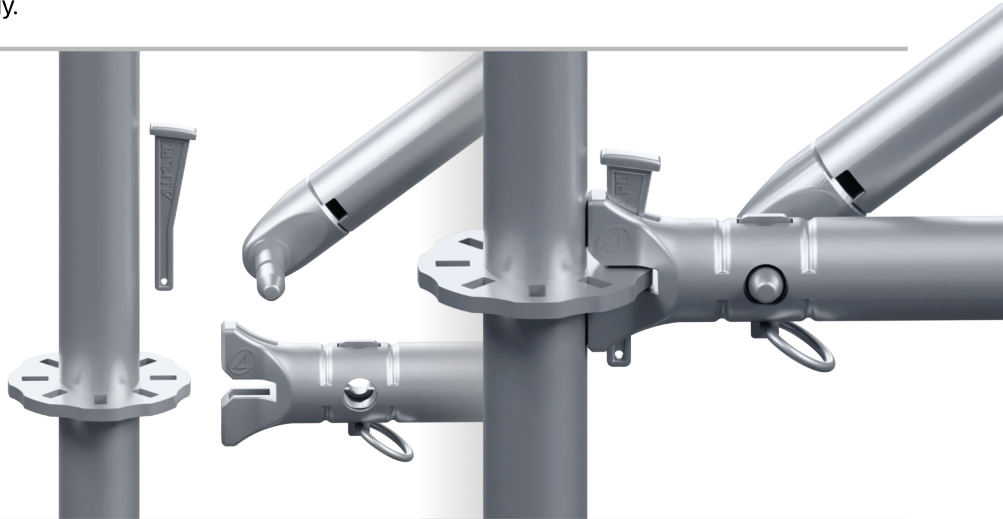
Heavy Duty Ring Lock System

Ring Lock System: Elevating Construction Stability

Robust, 10 MT load capacity for heavyweight construction, upto 65 mm pipe diameter for stability, and a streamlined spring locking system for efficient, safe assembly.

■ Key Features

- Exceptional Load Capacity
- Crafted for Dependability
- Rock-Solid Stability
- Versatility Unleashed
- Effortless Assembly
- Safety as a Priority



Allshore Shoring System

Introducing Allshore Shoring System

■ Overview

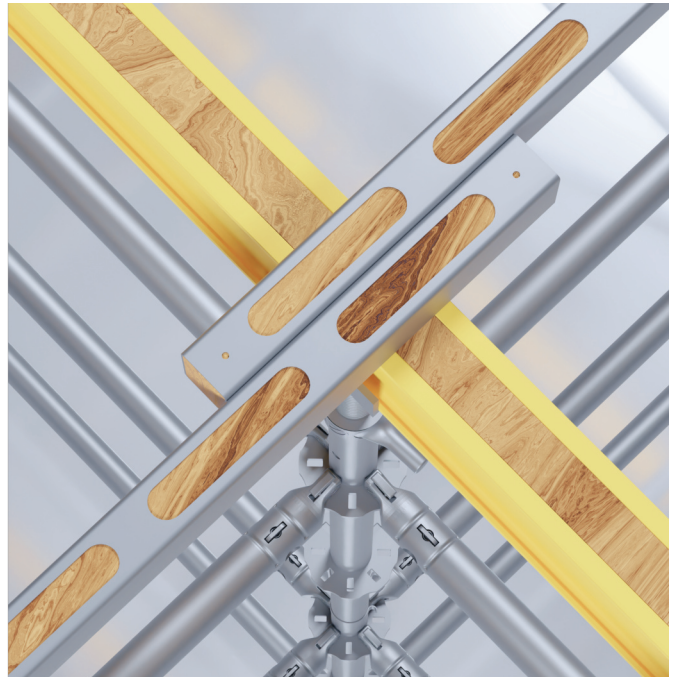
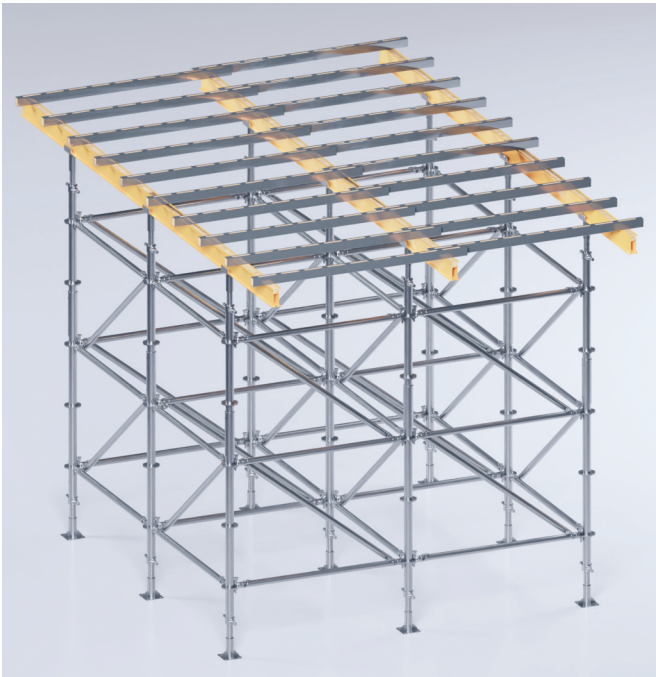
Allshore Shoring Systems are engineered to provide support and stability to structures, especially in excavation sites or during construction activities where load-bearing capacity is critical. They are specifically designed to bear heavy loads & prevent collapses.

■ Key Features

Allshore system prioritize load-bearing capacity, structural stability, and safety. This 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.



Allshore Shoring System

Verticals for Allshore Shoring System

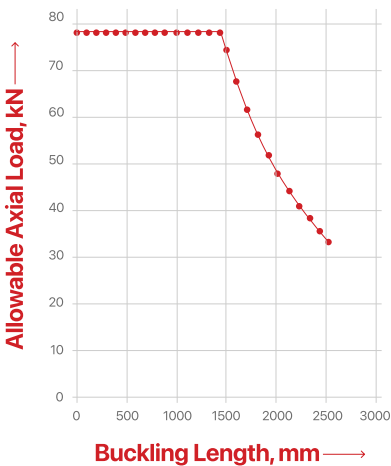
■ Overview and Standard Specifications (Customisations Available)

The Verticals are main members in shoring system to take vertical load directly. They are made from the highest quality steel (YST 310 Steel Grade which is ~60% stronger than market YST 210 and has higher load capacity) 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

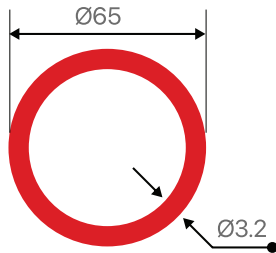


■ Allowable Axial Loads



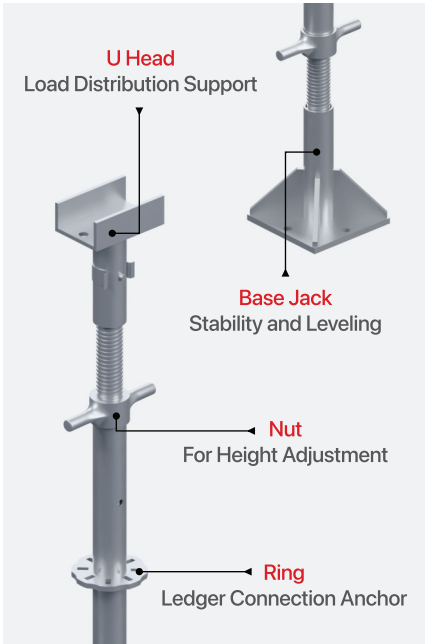
The allowable axial loads for different buckling lengths are shown in graph. The graph is generated based on Euler's theory of buckling with Safety Factor (FOS) equal to 2.

■ Vertical Member C/S



■ Sectional Properties

Diameter: 65 mm
Thickness: 3.2 mm
Sectional Area: 6.21 cm²
Moment of Inertia: 29.74 cm⁴
Section Modulus: 9.15 cm³

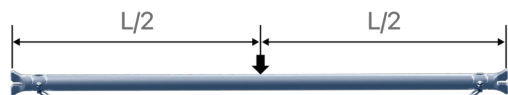


Allshore Shoring System

Ledgers for Allshore Shoring System

■ Overview and Standard Specifications (Customisations Available)

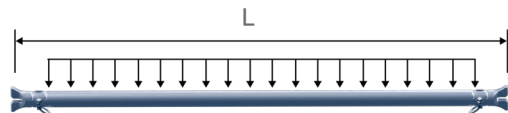
The Ledgers are horizontal members in shoring system to take horizontal loads directly transmitting along the member axis. Ledgers also carry lateral loads (i.e. vertical downward or upward load due to planks and walkways). They are made from the highest quality steel (YST 310 Steel Grade which is ~60% stronger than market YST 210 and has higher load capacity) 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).



Point Loading of a Ledger at L/2

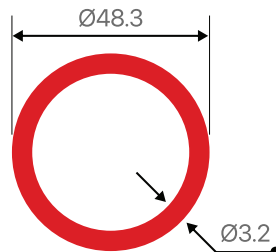


TWO Point Loading of a Ledger at L/3



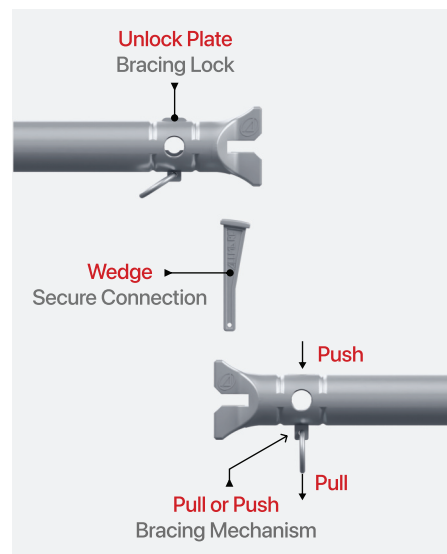
Uniformly Distributed Loading (UDL) of a Ledger

■ Horizontal Member C/S



■ Sectional Properties

Diameter: 48.3 mm
Thickness: 3.2 mm
Sectional Area: 4.53 cm²
Moment of Inertia: 11.59cm⁴
Section Modulus: 4.8 cm³



The allowable lateral loads for different lengths are shown in table below.

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.

Allshore Shoring System

Bracings for Allshore Shoring System

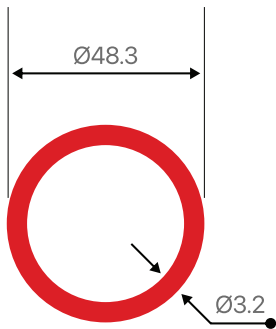
■ Overview and Standard Specifications (Customisations Available)

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 (**YST 310 Steel Grade** which is ~60% stronger than market YST 210 and has higher load capacity) 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)



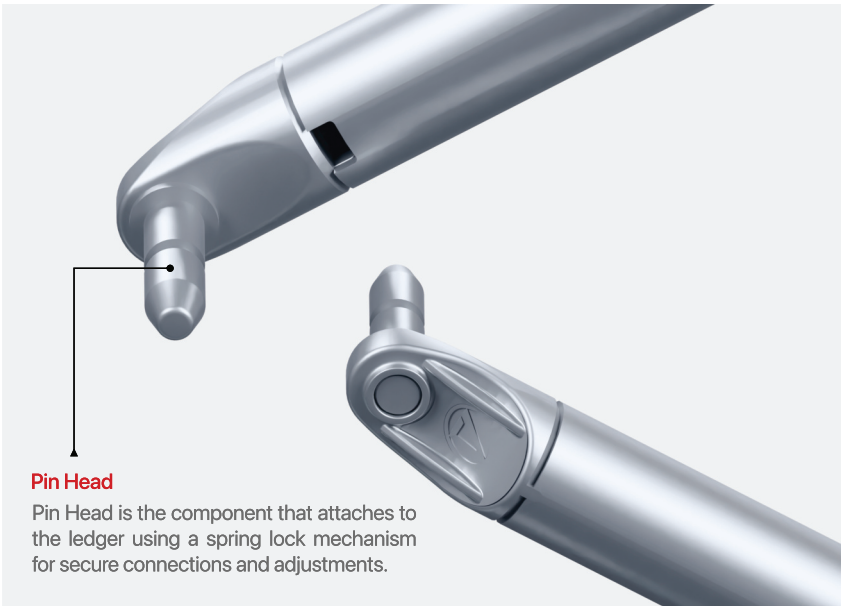
Part Code	Component	Pipe Dia. x Thick, mm	Length, mm
ASB-1200	Bracing	48.3 x 3.2	1000
ASB-1500	Bracing	48.3 x 3.2	1500
ASB-1800	Bracing	48.3 x 3.2	2000
ASB-2400	Bracing	48.3 x 3.2	2500

■ Bracing Member C/S



■ Sectional Properties

Diameter: 48.3 mm
Thickness: 3.2 mm
Sectional Area: 4.53 cm²
Moment of Inertia: 11.59cm⁴
Section Modulus: 4.8 cm³



Allstage Staging System

Introducing Allstage Staging System

■ Overview

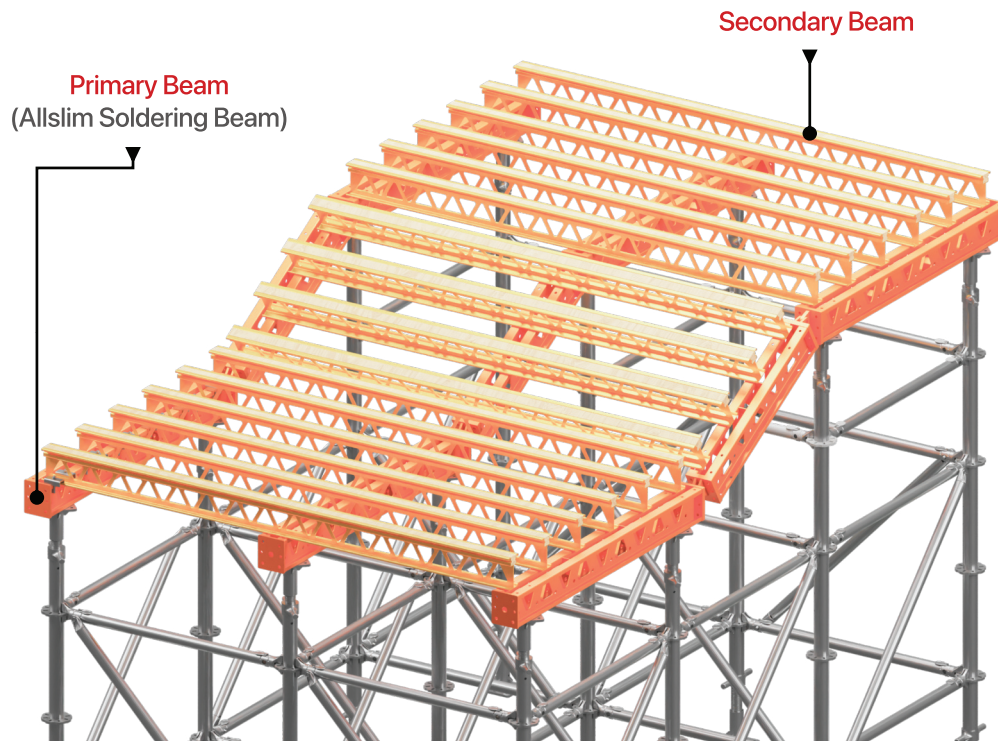
Allstage Staging systems play a pivotal role in providing elevated workspaces for construction tasks at various heights. They are versatile platforms designed to support workers and materials during tasks such as painting, installing ceilings, or working on facades.

■ 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.



Allstage Staging System

Verticals for Allstage Staging System

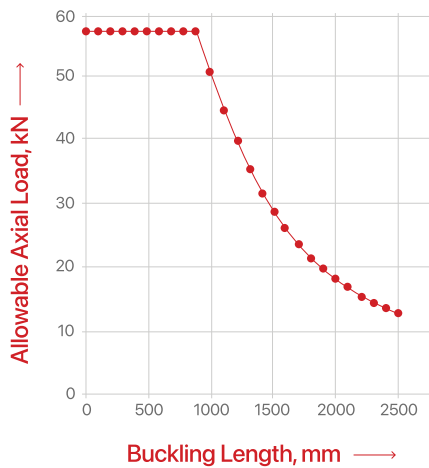
Overview and Standard Specifications (Customisations Available)

The Verticals are main members in staging system to take vertical load directly. They are made from the highest quality steel (YST 310 Steel Grade) which is ~60% stronger than market YST 210 and has higher load capacity 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
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

Allowable Axial Loads

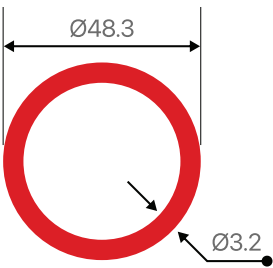


The allowable axial loads for different buckling lengths are shown in graph. The graph is generated based on Euler's theory of buckling. The loads shown in below graph are based on Safety Factor of 2

Sectional Properties

Diameter: 48.3 mm
Thickness: 3.2 mm
Sectional Area: 4.53 cm²
Moment of Inertia: 11.59cm⁴
Section Modulus: 4.8 cm³

Vertical Member C/S

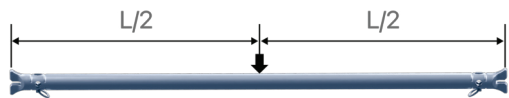


Allstage Staging System

Ledgers for Allstage Staging System

Overview

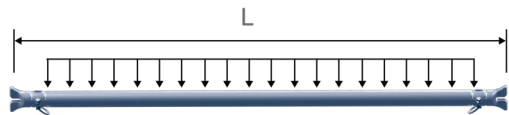
The Ledgers are horizontal members in staging system to take horizontal loads directly transmitting along the member axis. Ledgers also carry lateral loads (i.e. vertical downward or upward load due to planks and walkways). They are made from the highest quality steel (YST 310 Steel Grade which is ~60% stronger than market YST 210 and has higher load capacity) 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).



Point Loading of a Ledger at L/2



TWO Point Loading of a Ledger at L/3

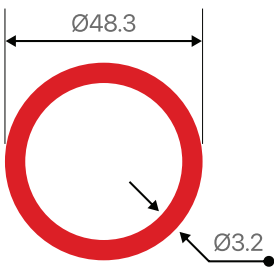


Uniformly Distributed Loading (UDL) of a Ledger

Sectional Properties

Diameter: 48.3 mm
Thickness: 3.2 mm
Sectional Area: 4.53 cm²
Moment of Inertia: 11.59cm⁴
Section Modulus: 4.8 cm³

Vertical Member C/S



The allowable Lateral loads for different lengths are shown in table below.

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.

Allshore Shoring System

Bracings for Allshore Shoring System

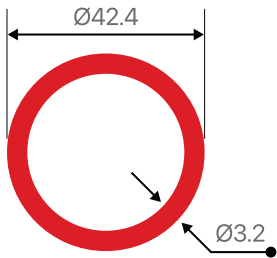
■ Overview and Standard Specifications (Customisations Available)

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 (**YST 310 Steel Grade** which is ~60% stronger than market YST 210 and has higher load capacity) 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

■ Bracing Member C/S



■ Sectional Properties

Diameter: 42.4 mm
Thickness: 3.2 mm
Sectional Area: 3.94 cm²
Moment of Inertia: 7.61 cm⁴
Section Modulus: 3.58 cm³

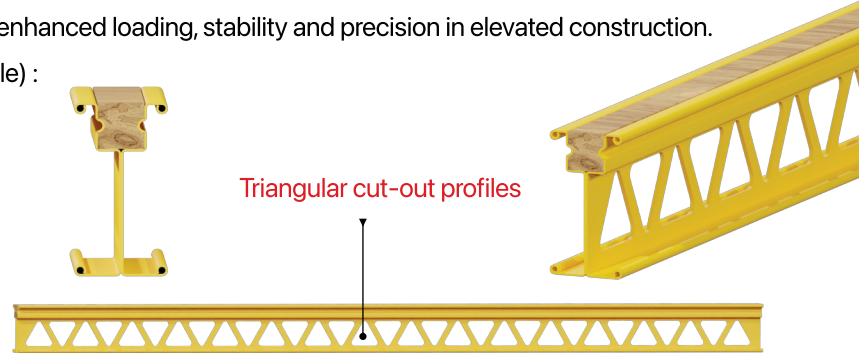
Support Beams

Primary Steel Beam

Robust design featuring triangular cut-out profiles for enhanced loading, stability and precision in elevated construction.

■ Standard Specifications (Customisations Available) :

- 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)
- Material of Fabrication: IS 2062 E350 Grade for robust and durable structures.



Secondary Steel Beam (Steel Timber)

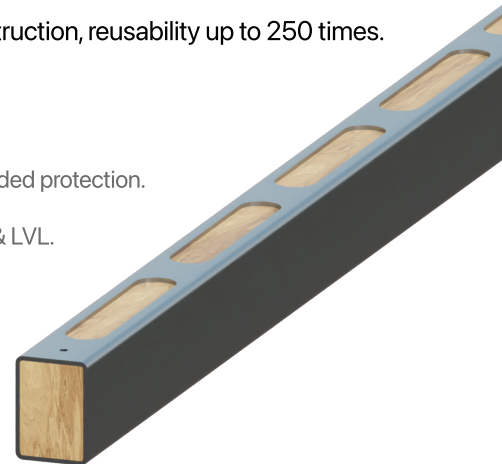
Hot Dipped Galvanized Steel Timber: Integrates steel and wood for cost-efficient construction, reusability up to 250 times.

■ Highlights of Steel Timber

- Quality Assurance: Tested at IIT Chennai.
- Cost Efficiency: Repetition increased to 250 times, reducing cost per usage.
- Corrosion Resistance: Hot Dipped Galvanized for longevity; Zinc-rich paint on edges for added protection.
- Easy Handling: Lightweight for quick attachment to wooden panels.
- High Strength: Mechanical properties rival wooden H beams, surpassing pine, silverwood, & LVL.
- On-site Productivity: Easy nailing for efficient construction.
- Salvage Value: Improved at the end of the useful life.
- Precision Design: Laser-cut slots for easy on-site nailing.
- Efficient Manufacturing: Automatic machine for batch timber insertion, enhancing efficiency; Durable Galvanized Iron End Caps for aesthetics and protection.

■ Standard Specifications (Customisations Available) :

- 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)
- Material of Fabrication: IS 2062 E350 Grade for robust and durable structures.



Production capacity of 200,000 Mtrs monthly

Dedicated 25,000 sq. ft. semi-automatic assembly line and 60+ skilled workmen.

■ Timber Specifications (Customisations Available) :

German Spruce: Premium timber choice for enhanced quality and durability in construction applications.

Support Beams

Allbeam - Aluminium Beams

■ Allbeam - Aluminium Single Webbed Beam

Lightweight & durable solution designed for various construction applications. Its innovative design ensures optimal strength while maintaining versatility.

● Standard Specifications (Customisations Available)

- Length: 1.8m, 2.4m, 3m
- Moment (M) : 5 kN.m
- Shear Force (Fs): 7.5 kN
- Flexural Rigidity (EI): 210 kNm²
- Weight: 3.5 kg/m
- Section Dimensions: 150 mm (H) x 75mm (W)

German Spruce: Premium timber choice

Allbeam - Aluminium Single Webbed Beam

Allbeam - Aluminium Double Webbed Beam

■ Allbeam - Aluminium Double Webbed Beam

Versatile and robust solution engineered to meet demands of modern job sites. Its double webbed design enhances strength & stability.

● Standard Specifications (Customisations Available)

- Length: 1.8m, 2.4m, 3m
- Shear Force (Fs): 8 kN
- Moment (M) : 5 kN.m
- Flexural Rigidity (EI): 420 kNm²

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. Allslim Beams offers reusability across multiple job sites & various temporary work applications.

■ Lightweight Design

Streamlines assembly, reduces costs.

■ Perforated Structure

Enhanced structural integrity & strength-to-weight ratio.

■ Specifications

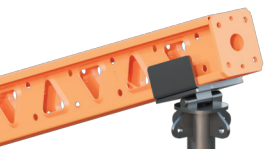
- Material of Fabrication: IS 2062 E350 Grade for robust and durable structures.
- Breadth x Height x Thickness, mm : 130 x 150 x 30 mm
- Length, mm : 300, 450, 600, 750, 900, 1050, 1200, 1500, 1800, 2100, 2400, 2700, 3000 mm

■ Versatile Length Configuration

Adaptable, spanning 300mm - 3000mm.

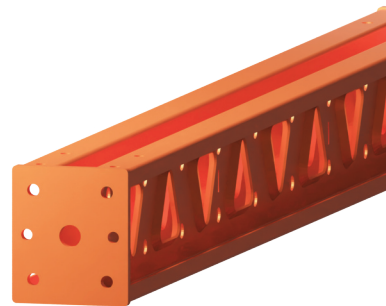
■ Safety Assurance

Secure environment with high-yield steel.



Hinged U Head

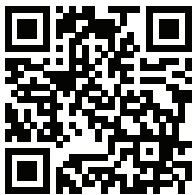
Precision-designed Hinged U Head for Allslim beams, ensuring secure & versatile support



Our Clients



Connect with us for inquiries
or more information.



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

Allmarc Industries Private Limited

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.

