SUCOOT

RING SYSTEM
ACCESS SCAFFOLDING











SUCOOT CO., LTD.

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1. About Us



SUCOOT CO., LTD. was set up in 1984 and specializes in Scaffolding Accessories & Formwork Parts. Today we have customers spreading over 65 countries around the world. Our products are engineered for safety, strength and durability to meet international standards within this industry. In terms of working processes, we have expertise in iron casting, steel forging and thread rolling. We are confident that our quality is on par with other world-leading brands. Especially our Ring System Scaffold, it has been widely used in many civil engineering projects around the world.

In 2008, we developed a Light-Duty Ring System for façade application use such as petrochemical, energy, manufacturing and wall refurbishment. It has gained many great reviews from clients and end users. We were also honored to work with Oscar best director, Ang Lee, assisting to create the movie scene, Life of Pi. Our engineering team combined brand-new thinking with our Ring System Scaffolding and outstanding techniques to create the film's value.

Our Ring System Scaffold also complies with the current EN standard, EN 12810-1. We are the first manufacturer in Asia to obtain EN 12810-1. This is your reassurance that our product not only meets international standards but it is of the highest quality.



Kaohsiung Music Center

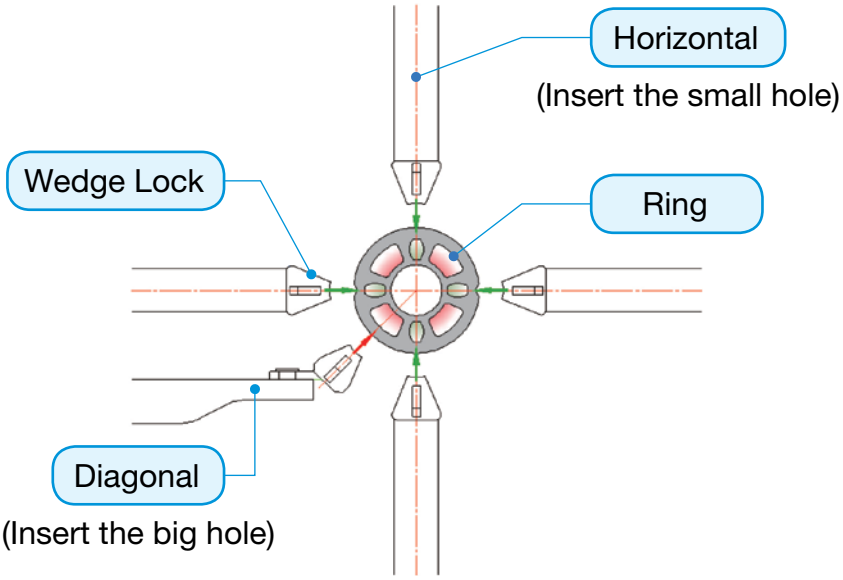
2. Main Concept

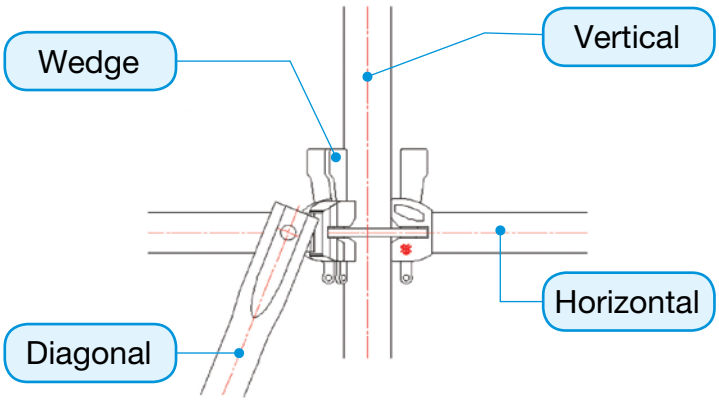
(I) There are three main parts of access scaffolding: Vertical, Horizontal and Diagonal.

The dimensions are specifically designed for a variety of situations and applications. All components are hot dip galvanized for the antirust purpose to increase the product life for repeated use.

(II) There are several connections in the Ring System designed for multiple purposes.

The Rings on the Vertical are spaced 45 or 50cm apart from each other and the Wedge Lock provides a secure connection with the Vertical. Our access scaffolding gets rid of all clamps and any other exterior connectors for a simple and stable outcome. With this simple design, time, labor and material costs can be saved. With the safest, most economical, quickest system, we can say it's one of the best in the market.



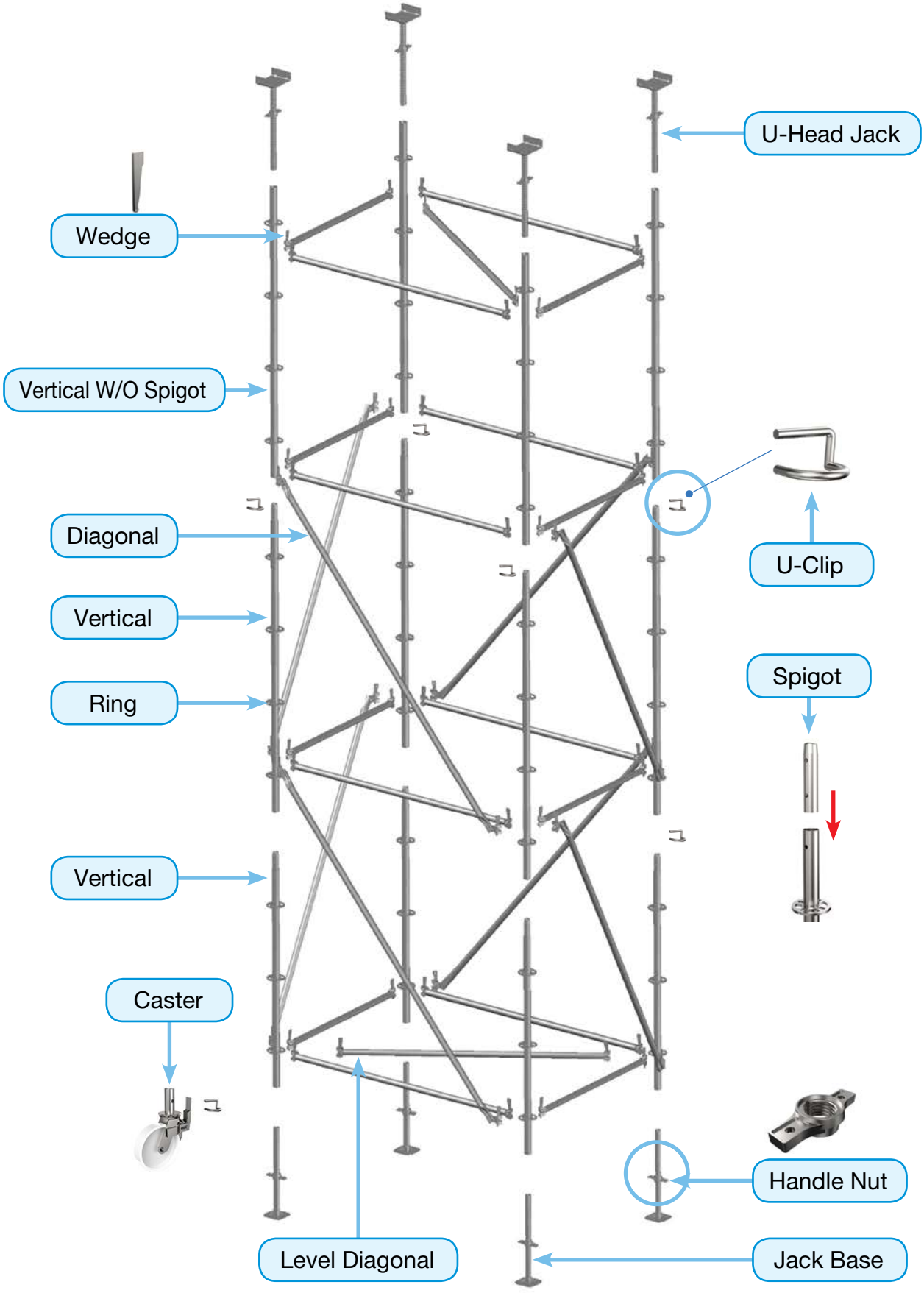








3. Component Overview



4. Applications and Features

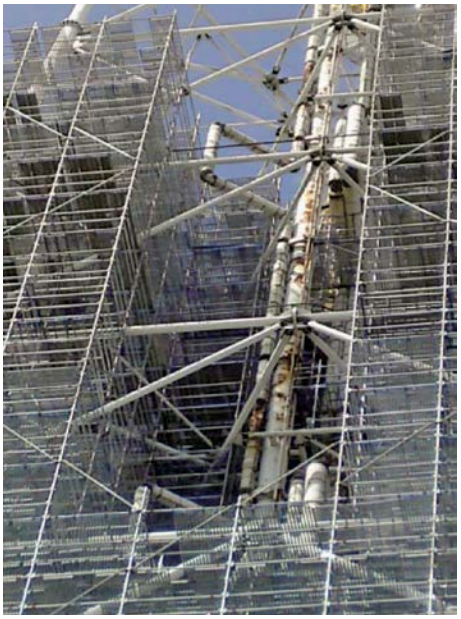
Our access scaffolding is designed for a variety of projects, including in difficult terrain and suspended condition. With the features of easy assembly/disassembly, safety and stability, it can save time and costs at work.

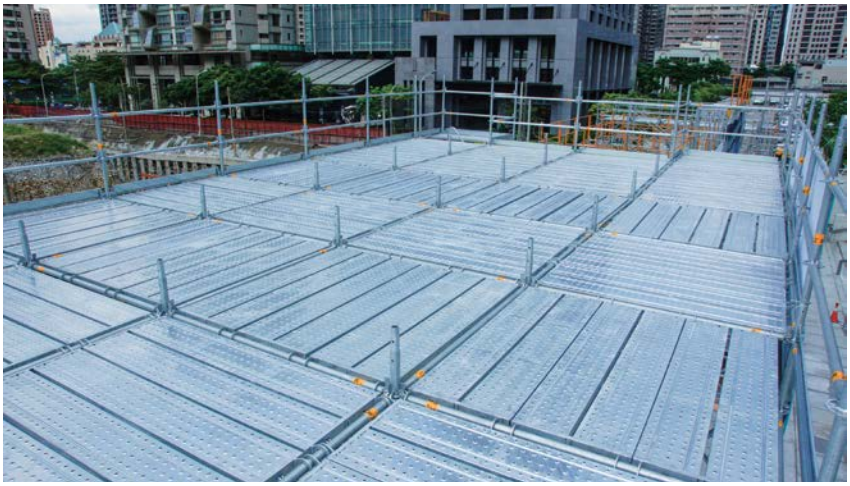










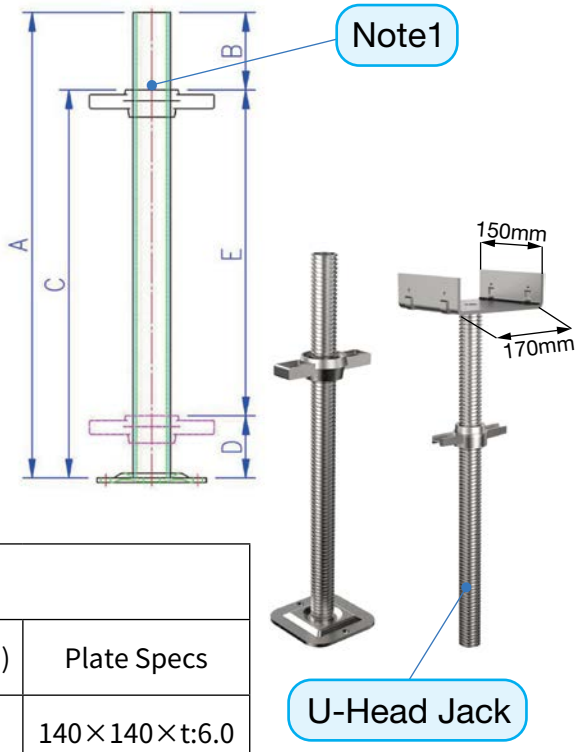


5. Dimensions and Specifications

5.1 Jack Base

- Used to level the scaffold and adjust the elevation of each Vertical to suit variations in ground level.
- Threaded Tube
  Ø38.5×t:4.0×L:600mm (STK400)
- Handle Nut (FCD450)
- Plate (SS400)

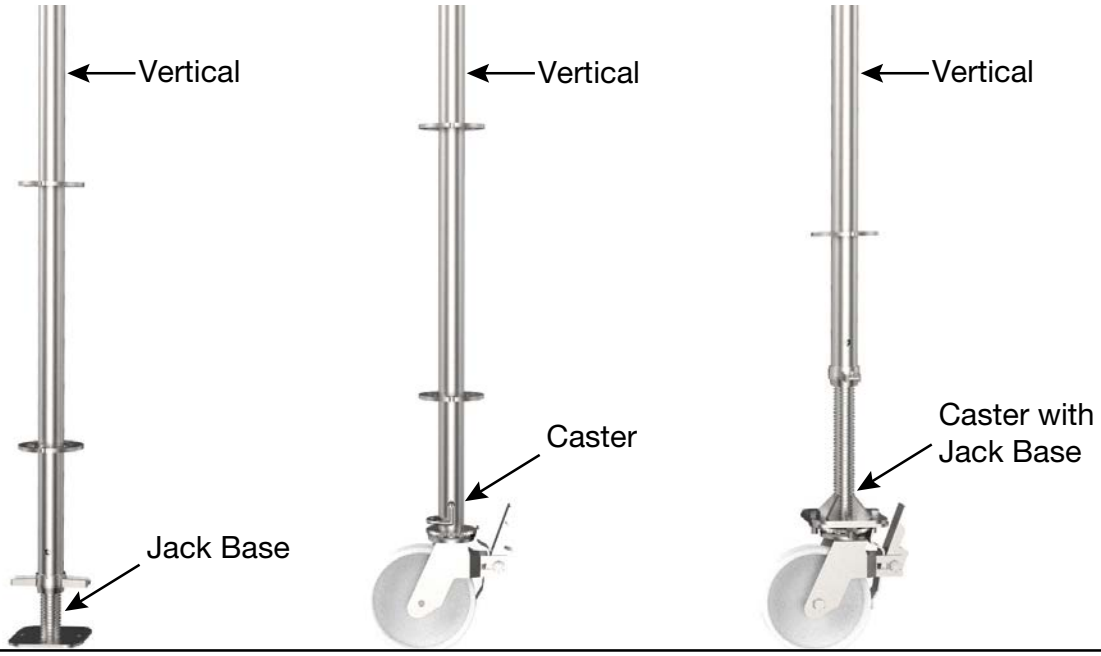
**Note 1: Jack Base with a stop to prevent the handle nut from getting out and to ensure the connection with Vertical over 100mm for safe load bearing.*



Adj. Range / Std. L	Jack Base (Unit:mm)				
(A)	(B)	Max. (C)	Min. (D)	Adjustable (E)	Plate Specs
600	100	500	80	420	140×140×t:6.0
300 (No stop point)	——	——	80	Max. Adj. H 200	122×122×t:6.0

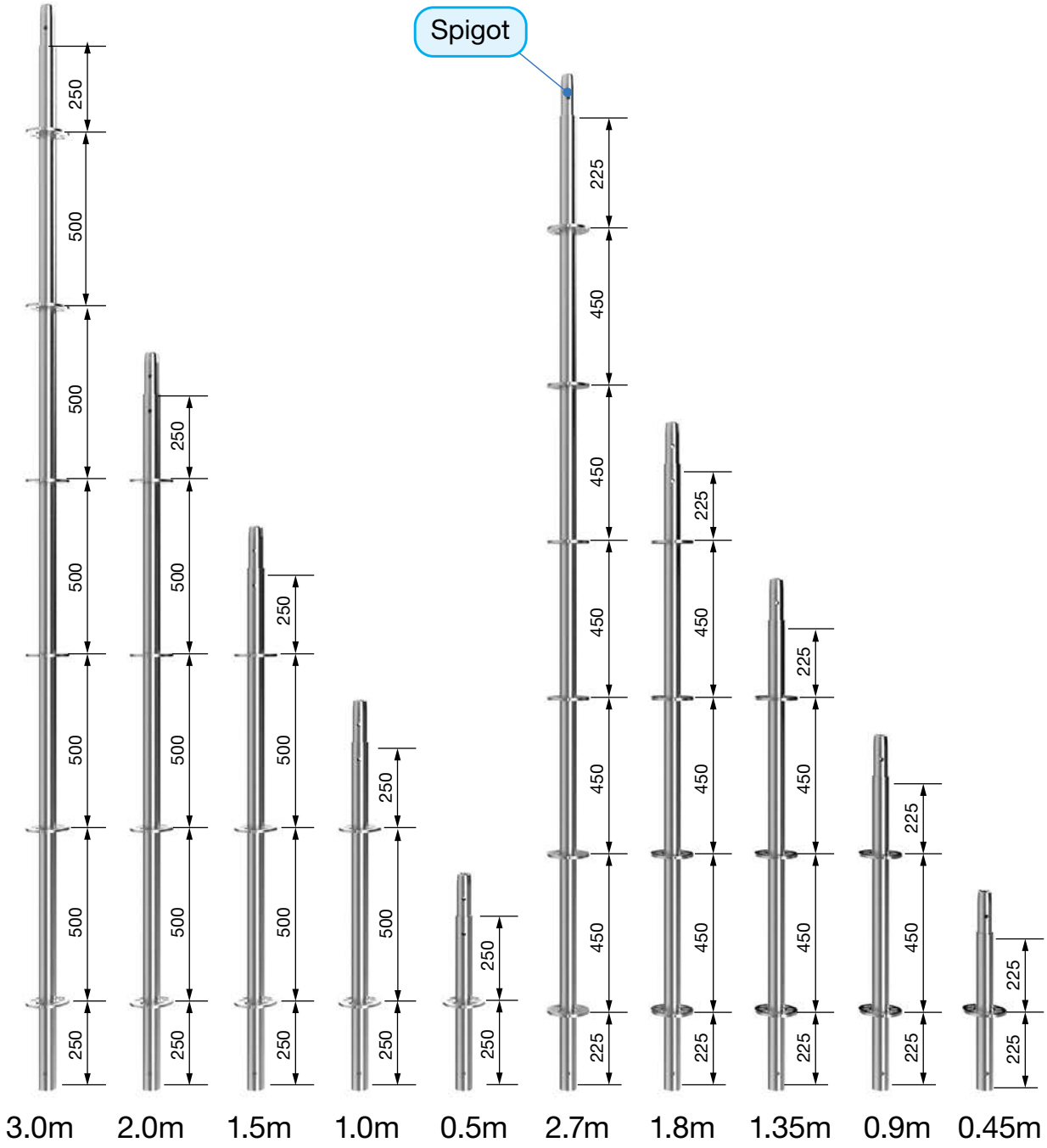
5.2 Caster

For mobile scaffolding, casters are used to replace jack bases. The mobile scaffolding is normally used indoors on level surfaces.



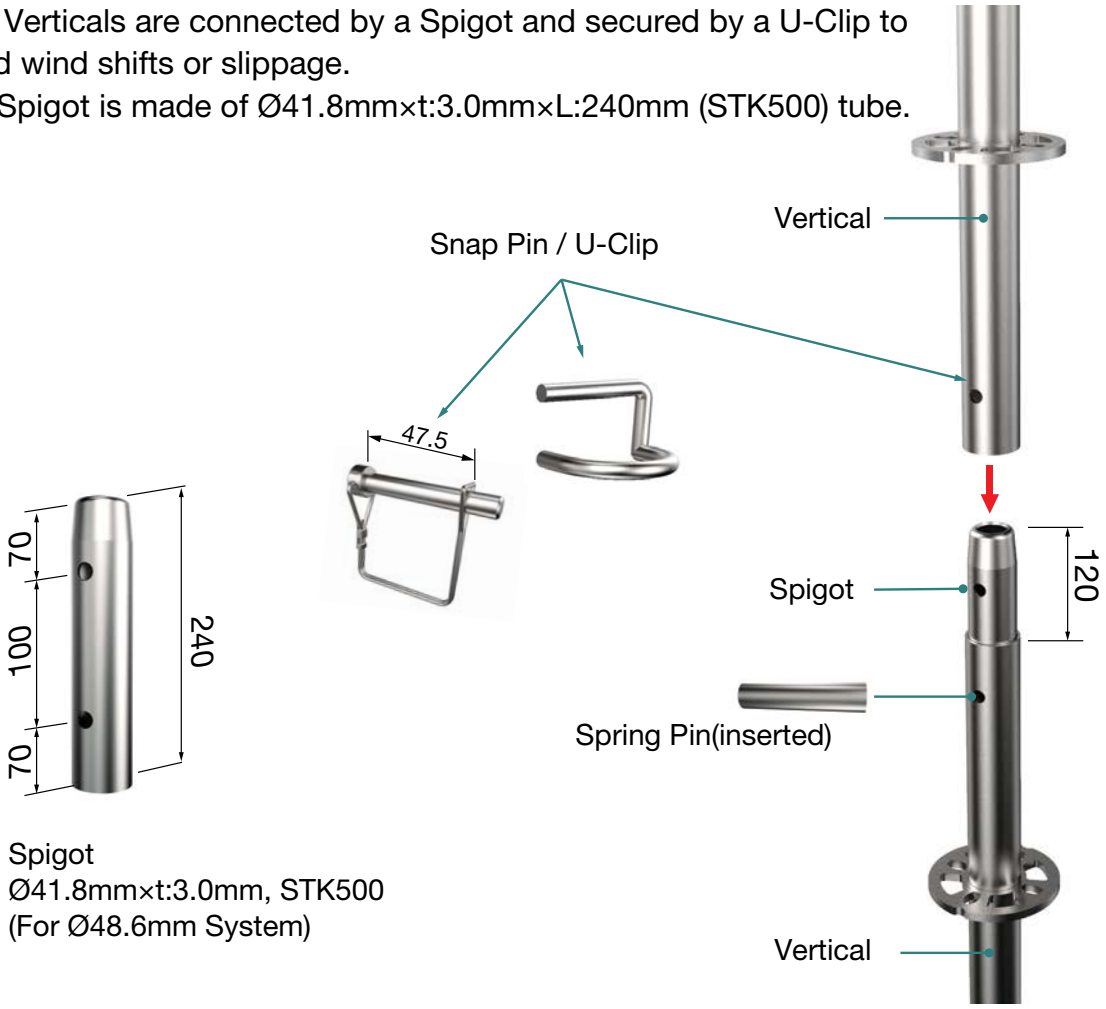
5.3 Vertical

- The Vertical is the main support of the entire system connected by Spigot. The tube is Ø48.6mm×t:2.5mm (STK500) with standard dimensions as below: (other special lengths can be customized)
- The Ring plate of thickness 8mm are spaced 50cm (or 45cm) apart from each other with 8 holes for assembling Horizontal and Diagonal.



5.4 Spigot and U-Clip

- Two Verticals are connected by a Spigot and secured by a U-Clip to avoid wind shifts or slippage.
- The Spigot is made of Ø41.8mm×t:3.0mm×L:240mm (STK500) tube.

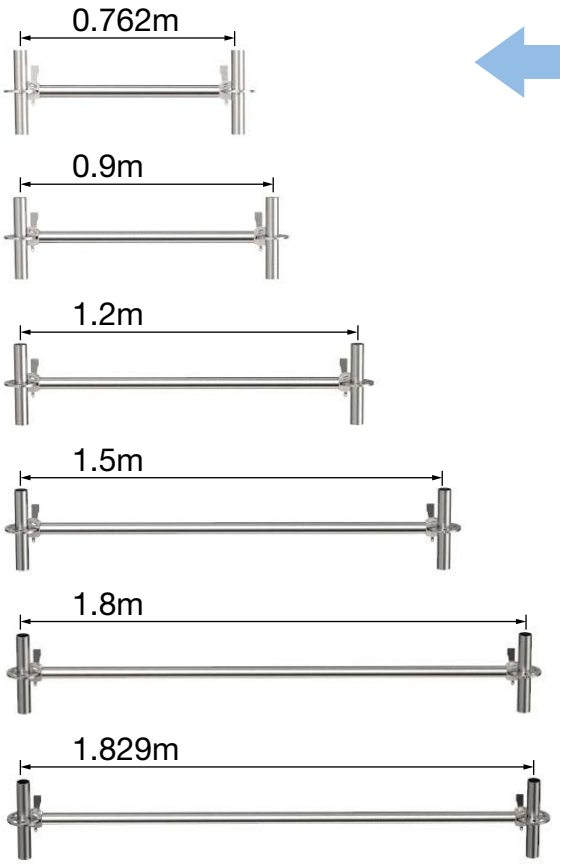


Spigot
Ø41.8mm×t:3.0mm, STK500
(For Ø48.6mm System)

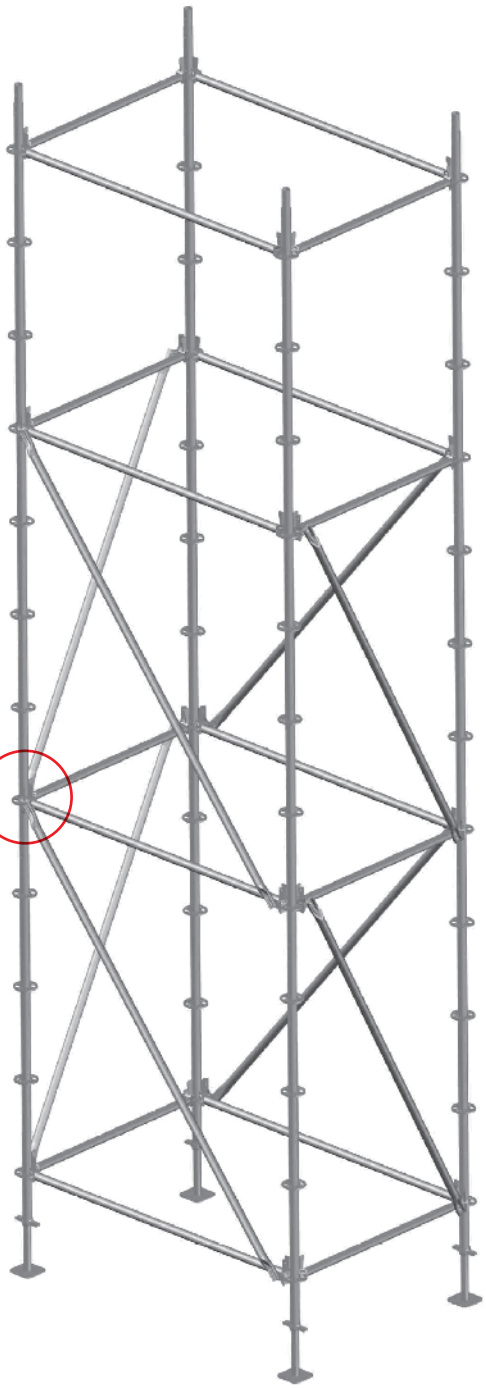


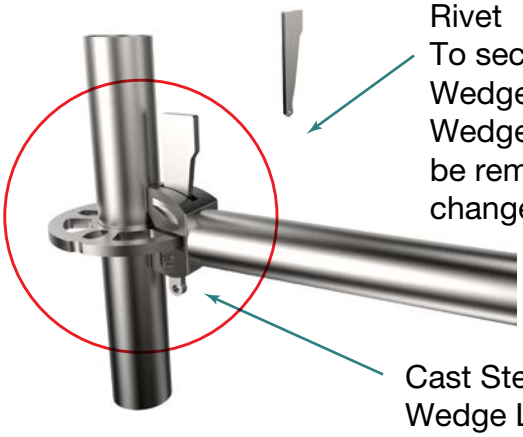
5.5 Horizontal

The Horizontals connect Verticals and allow hanging of Planks and Staircases. The secure connection transfers all lateral forces to the Verticals for maximum load capacity.



The tube is Ø42.7mm×t:2.3mm (STK500) with standard dimensions as shown on the left:





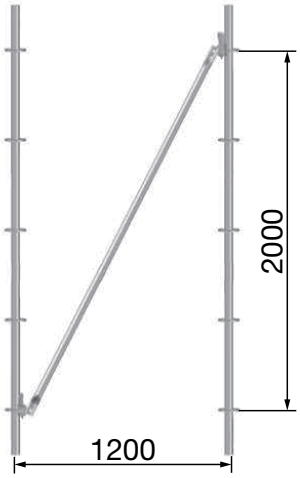
Rivet
To secure the Wedge inside the Wedge Lock. It can be removed to change the Wedge.

Cast Steel Horizontal Wedge Lock

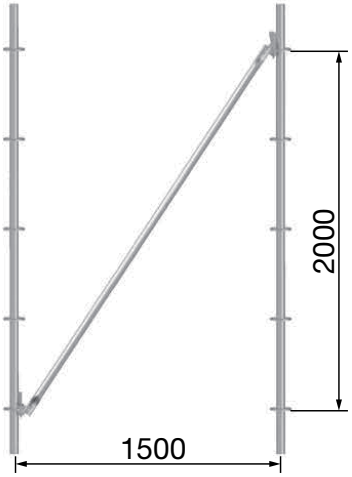
Horizontal Wedge Locks fixed by inserting the Wedge into the small hole of Ring and hammering the Wedge tightly for a secure hold on the Vertical.

5.6 Diagonal

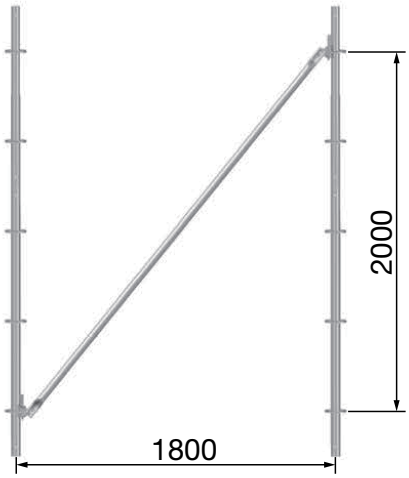
The Diagonal is a supplementary part to strengthen the stability of the entire system.
The tube is Ø42.7mm×t:2.3mm (STK500) with standard dimensions as below:



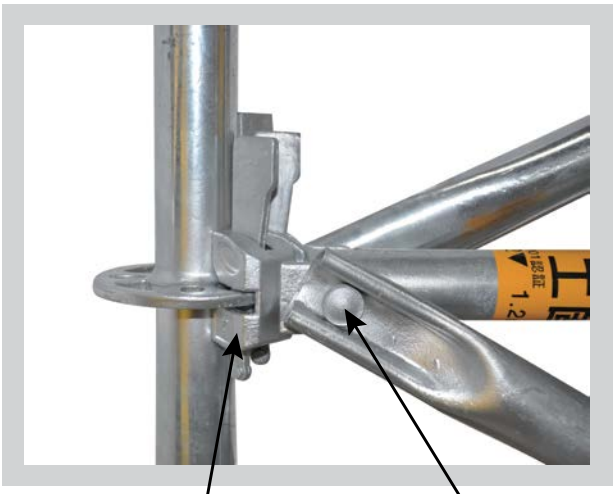
1.2×2.0m

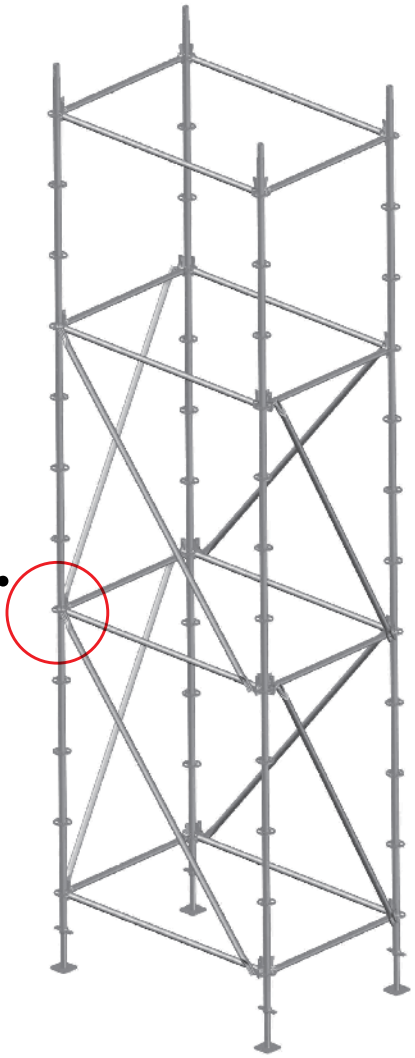


1.5×2.0m



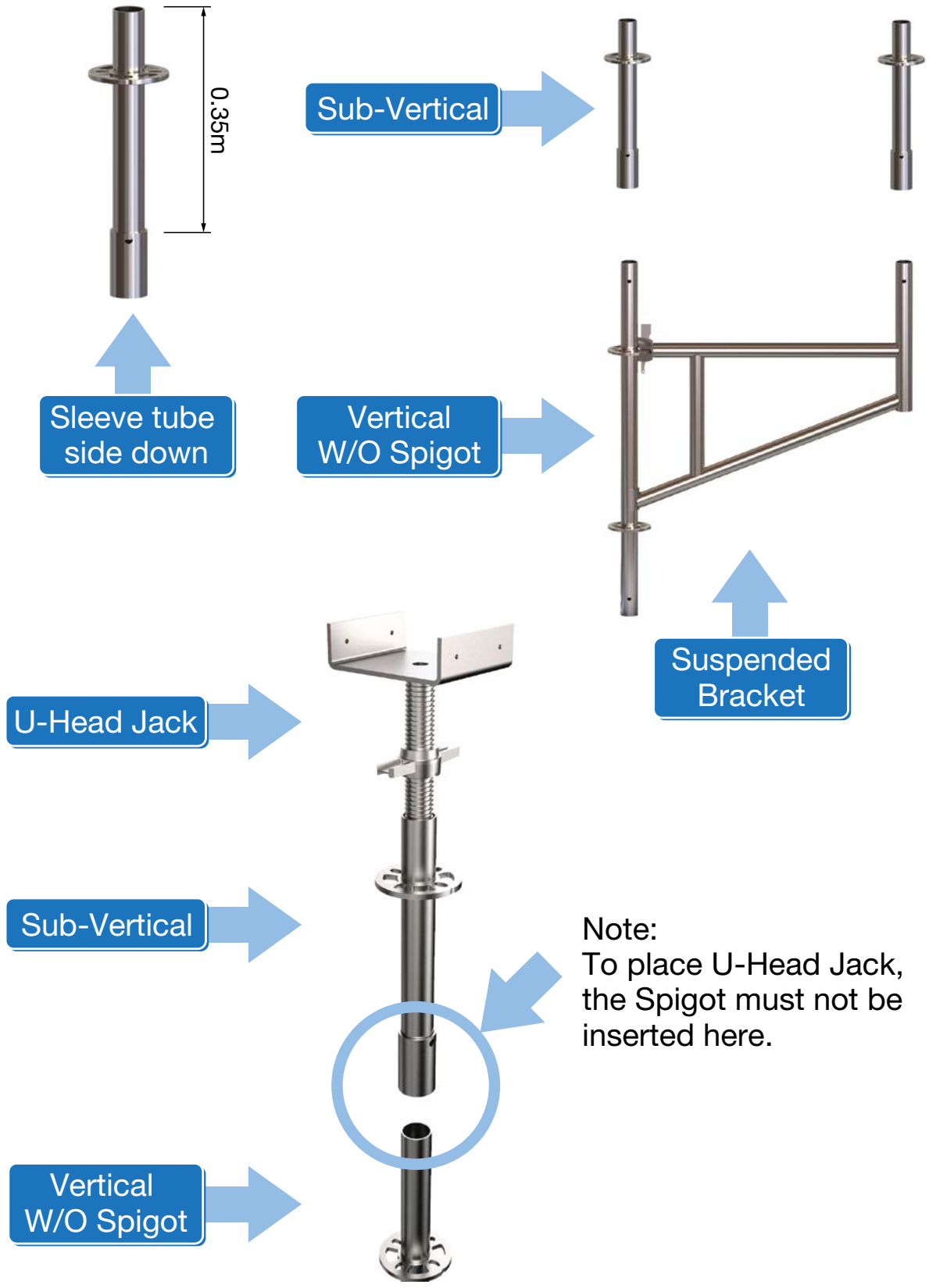
1.8×2.0m





5.7 Sub-Vertical 0.35m

Sub-Vertical (sleeve tube side down) inserts into the top of Vertical without Spigot in order to adjust the height more flexibly, especially for slope ground.
Specification: Ø48.6×t2.5mm (STK500)



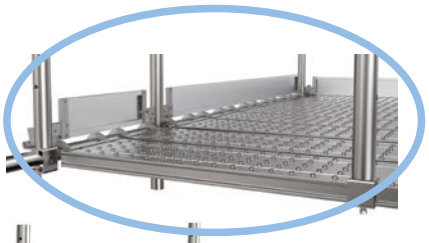
5.8 Guardrail Clip

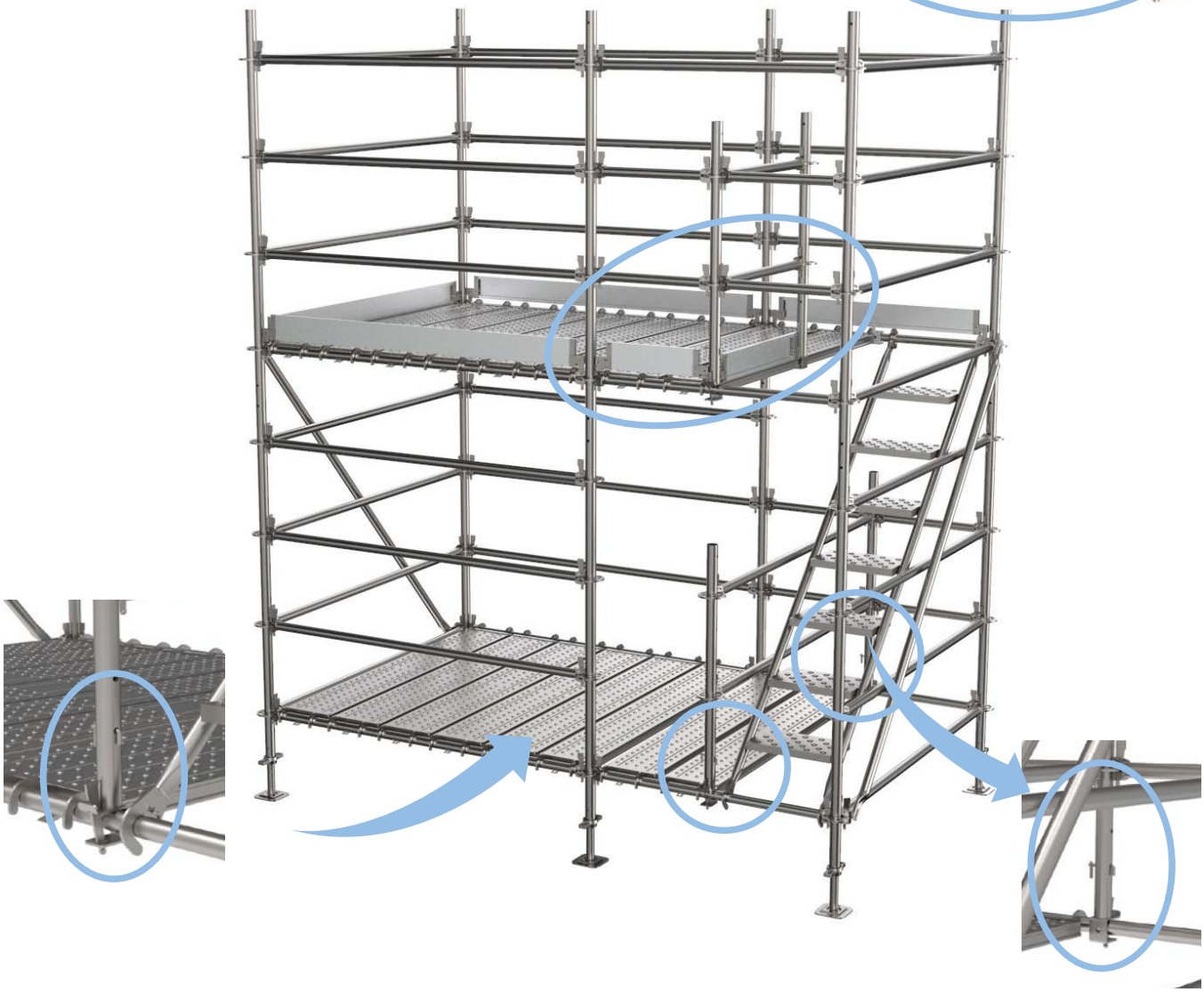


For Plank

For Horizontal

- Material: STK500
- It is used when working platform or walkway needs a guardrail.
- It can be used when the opening under the staircase needs a guardrail.
- Between two Horizontals, when there is no Vertical at both sides for the Horizontal assembly to form a guardrail, it can be fixed at any place at Horizontals for Vertical erection.
- It can also be fixed at any position at the Horizontal and at the long side of the plank. After assembly of Vertical on the top and Horizontal, it quickly forms a guardrail.





- When the Light-Duty Stairway extends to the access platform level, a protective guardrail may be installed on one side. A Guardrail Clip can be combined with Verticals and Horizontals to form the guardrail system. Four assembly options are provided below for selection according to actual site requirements.

Option 1

When the stairway reaches the access platform level, enclosed guardrails may be installed around the access platform to create a fully protected area.



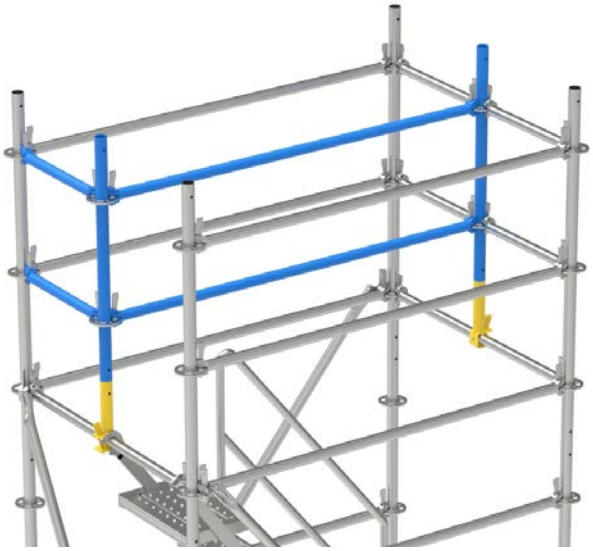
Option 2

At the access platform level, an entrance may be provided as required while maintaining full perimeter protection.



Option 3

If access is not required on the opposite side of the stairway, an enclosed guardrail may be installed to enhance overall safety.



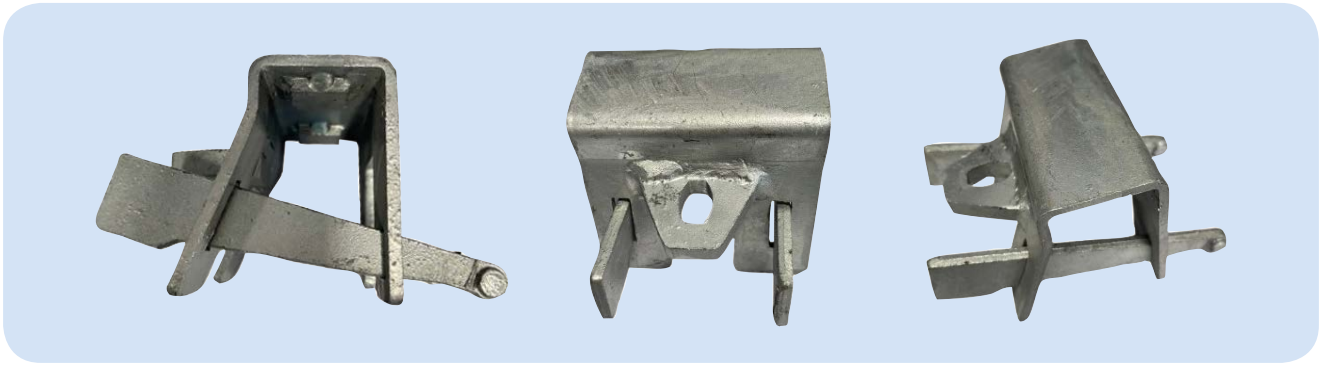
Option 4

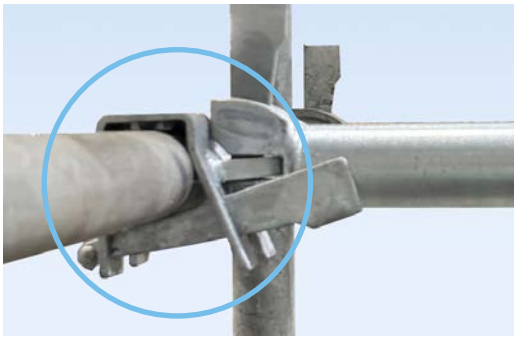
The entrance may be connected to an access walkway for personnel passage. Guardrails may also be installed beneath the stairway to restrict unauthorized entry.



5.9 Light-Duty Horizontal Clip

- This product can be installed at any position along a standard Horizontal to connect an additional Horizontal.
- It allows temporary guardrails to be installed quickly where no Ring is available, enhancing site safety and flexibility.

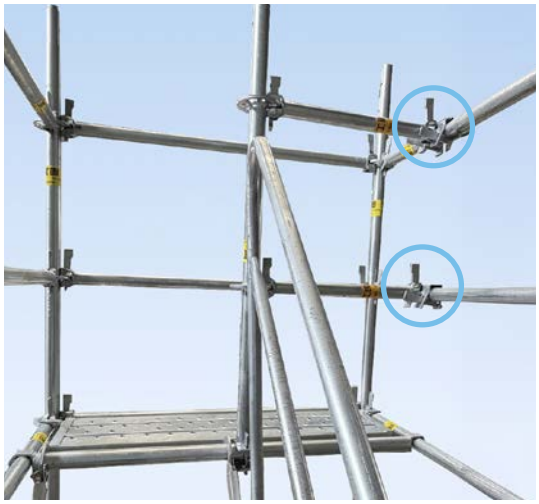












5.10 Wedge Collar

Purpose:

Used on cantilever platforms or temporary work zones. The Wedge Collar connects to a Vertical for installing Toe Boards, helping prevent tools and materials from falling.

Assembly:

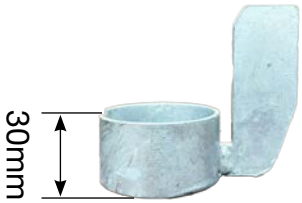
Slide the Wedge Collar onto the Vertical or Guardrail Clip. Insert the Toe Board fittings on both sides and tighten the bolts.

Dimensions:

Ø55×t:2.5×L:30mm

Three configurations are available for different applications:

1-Wedge Type



2-Wedge Type

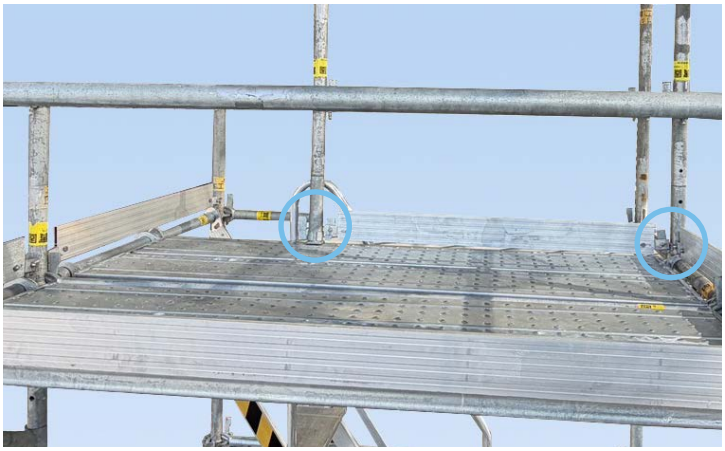


3-Wedge Type





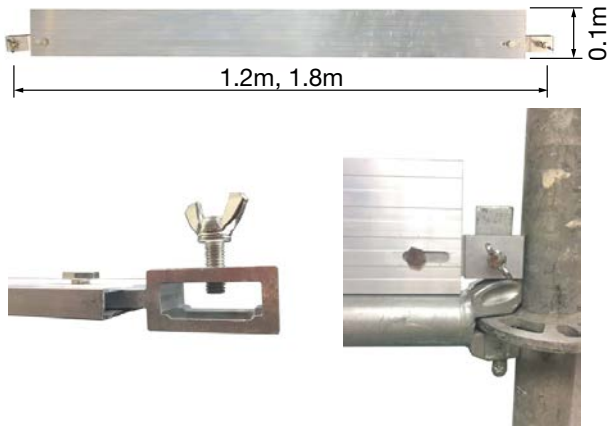






5.11 Aluminum Toe Board

- It is made of aluminum (6063T5), lightweight, and rustless.
- Put the squared hook of Toe Board both ends into the Wedge of the Horizontal and manually fixed by wing screw, no tool required.
- 1.8m Toe Board fits both 1.8m and 1.829m Horizontals. Custom sizes available.



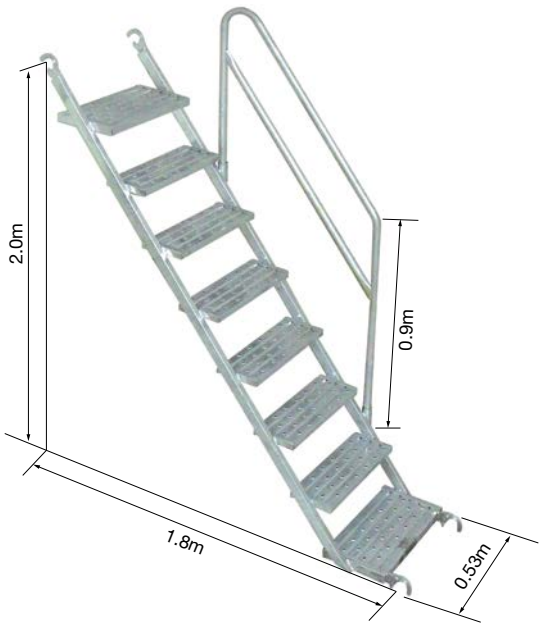


5.12 Hot-Dip Galvanized Scaffold Stair Unit

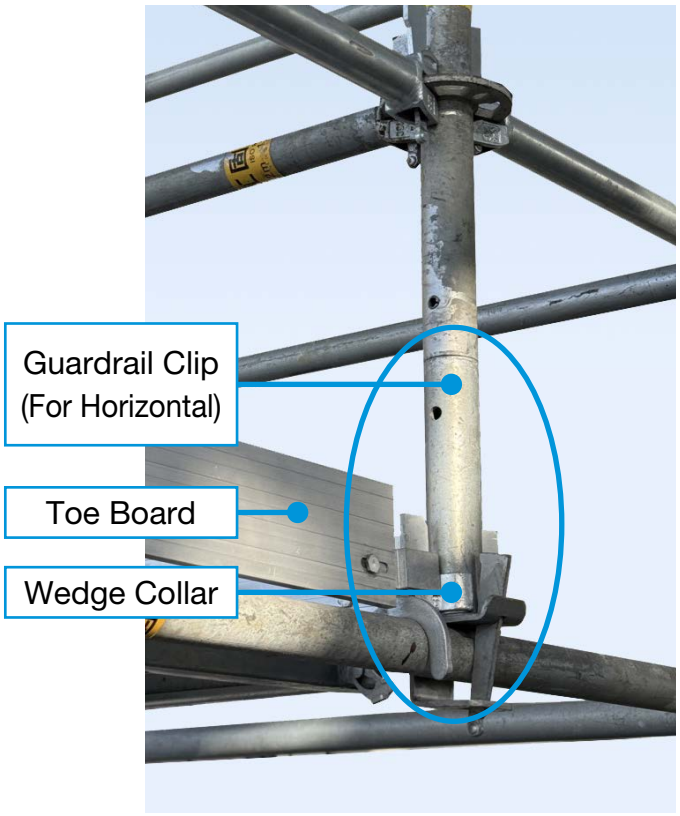
- Dimensions: L:1800×W:530×H:2000mm
- Total Weight (including handrail): 38.14kg

Slipform Access Stairway Tower

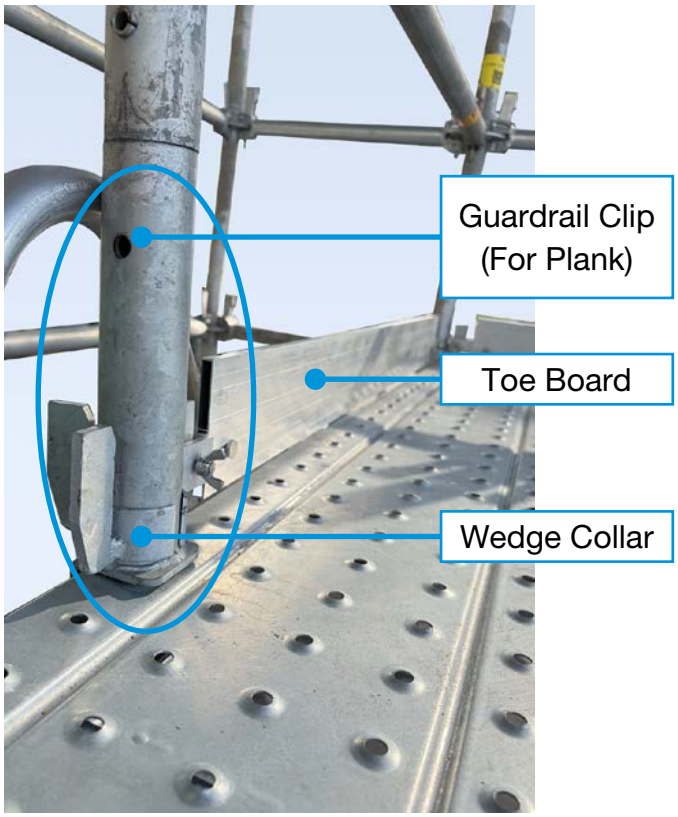




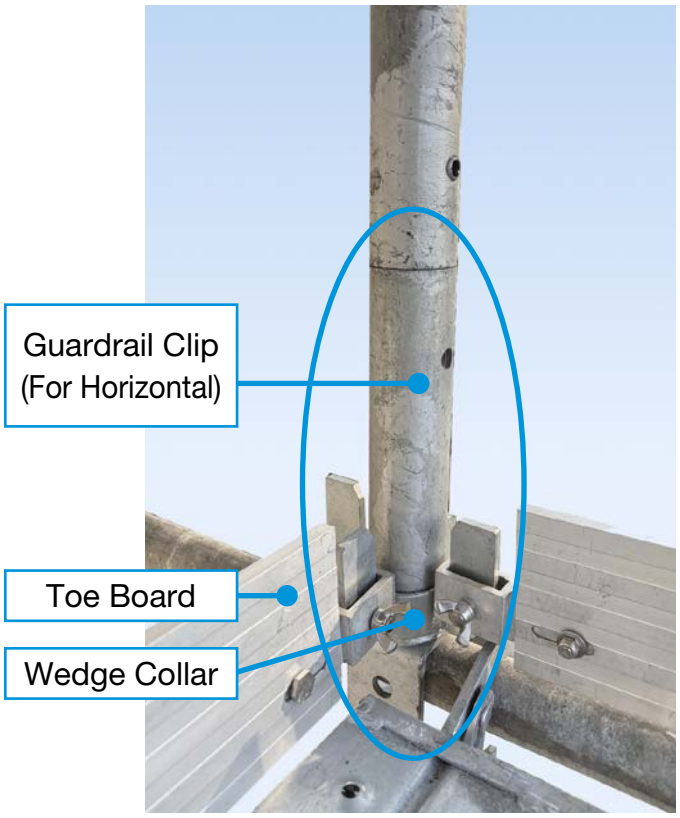




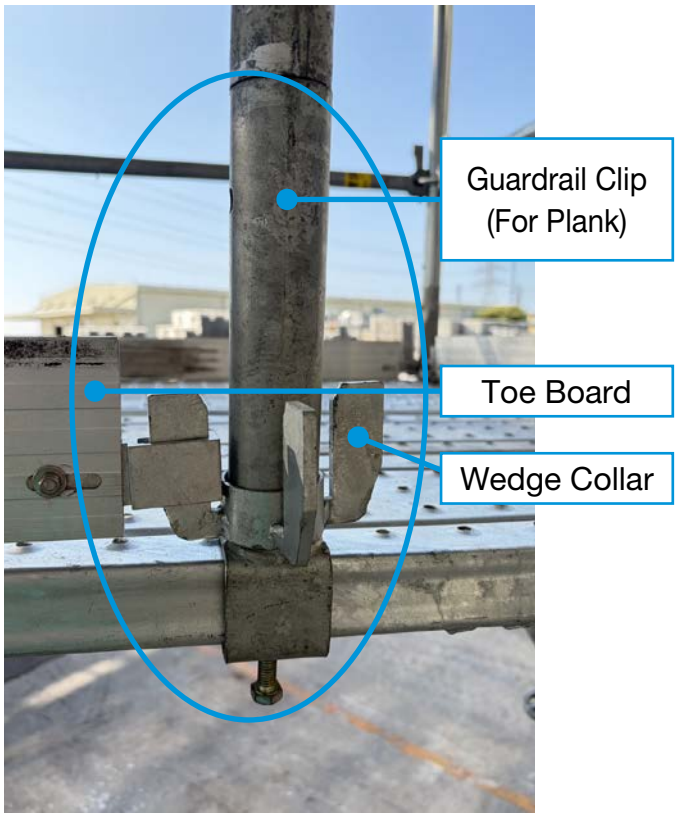
Vertical can be connected above



At the stairway turn



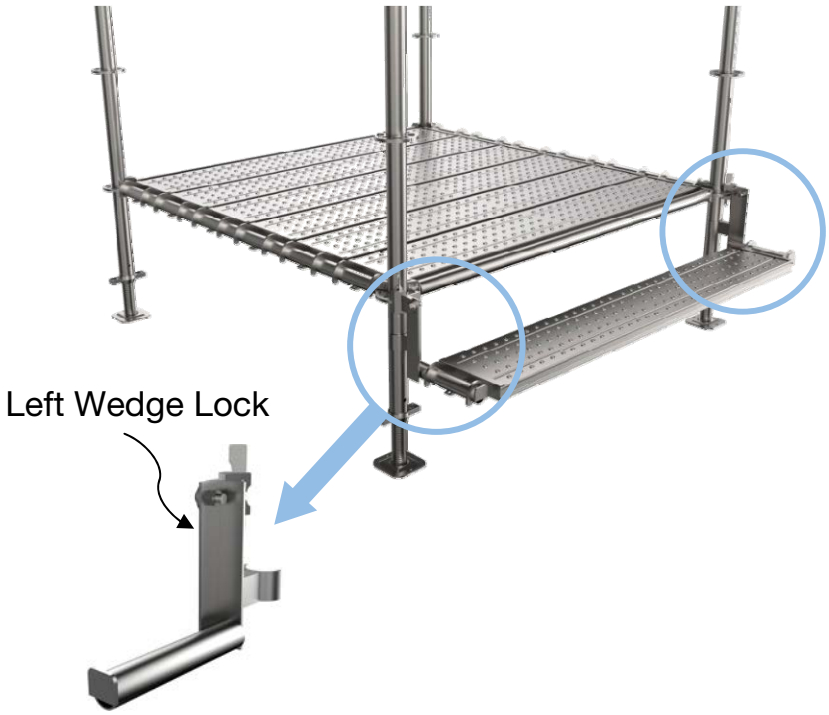
At any position along the Horizontal



At any position along the long edge of the Plank

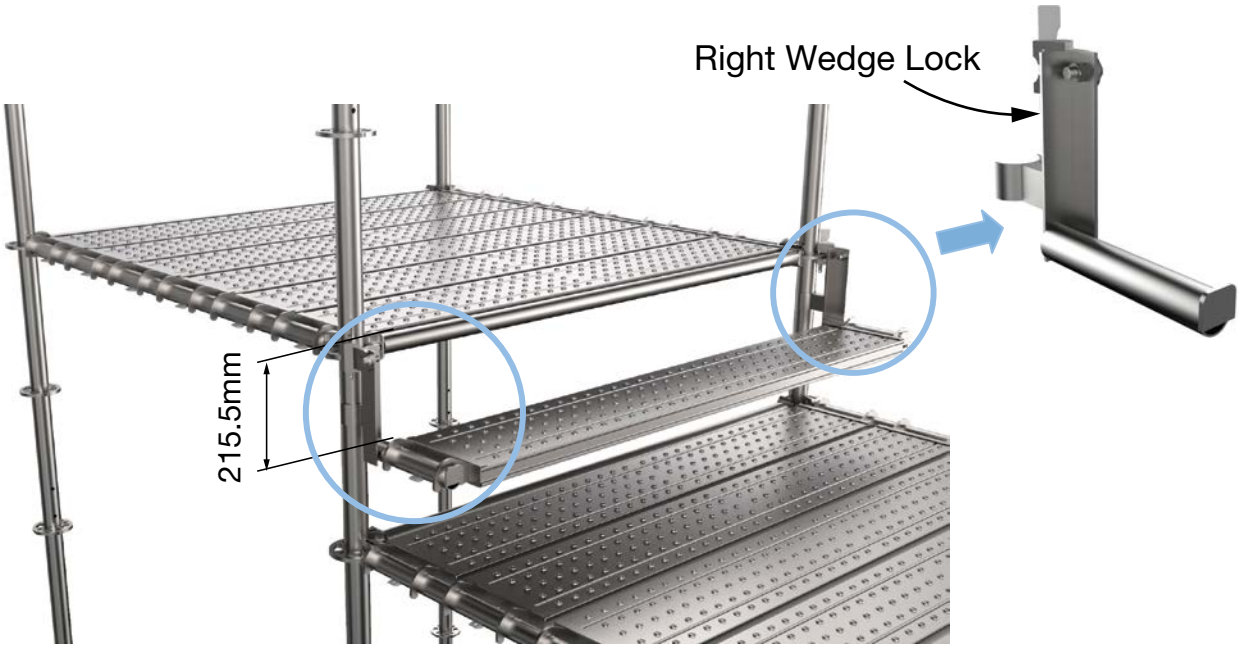
5.13 L-Shaped Hanging Rack

L-Shaped Hanging Rack is designed to fit with SUCOOT's standard plank width 265mm (length 1.2m, 1.5m, or 1.8m according to the required span) as the first step in order to reduce the height difference between the entrance and the ground.





When Steel Planks are installed as an access walkway, Ring spacing of 450mm or 500mm may create a large step between levels. The L-Shaped Hanging Rack can be used as an intermediate step to reduce the height difference between adjacent platforms.



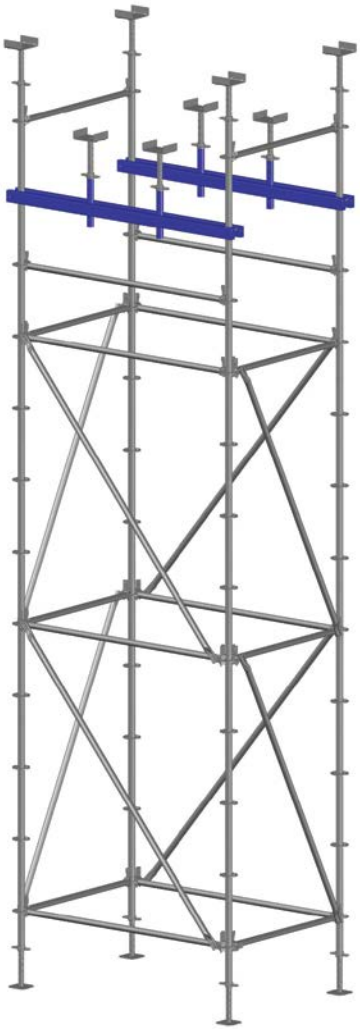
5.14 Light-Duty Beam Bracket

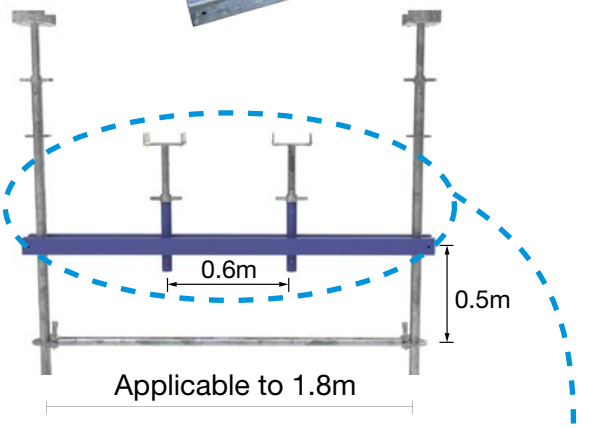
Apply to shore the roof beam formwork

- Scaffolding with the Bracket is able to shore to beam and the slab at the same time.
- The space between the Brackets is 1.2m and they can bear up to 45×70cm beam.
- Save material, time and labor cost.

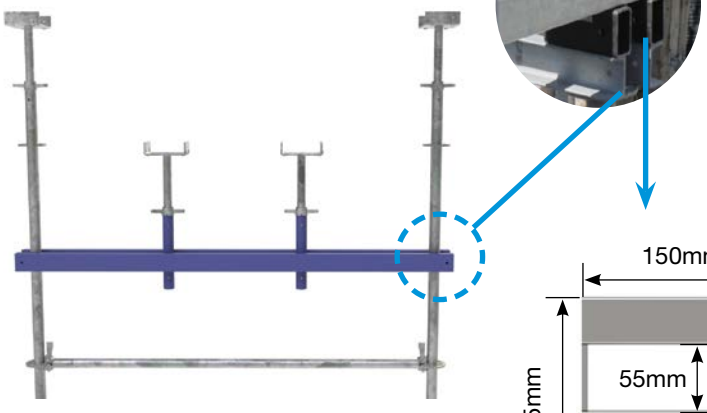
Beam Bracket: L:1.95m, STK290
Unit weight: 24.7kg
Finish: Hot-dip galvanized





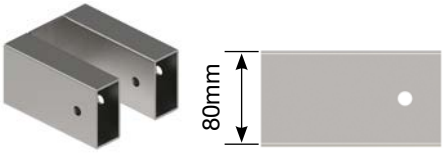








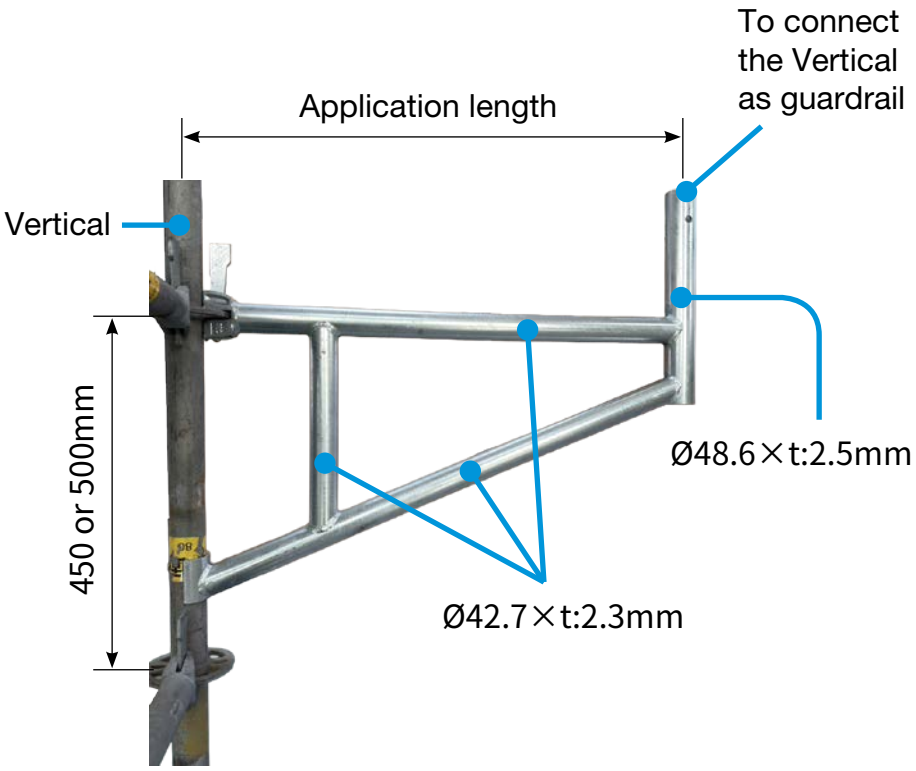
Beam Bracket: L:0.15m, STK290
Unit weight: 1.79kg
Finish: Hot-dip galvanized

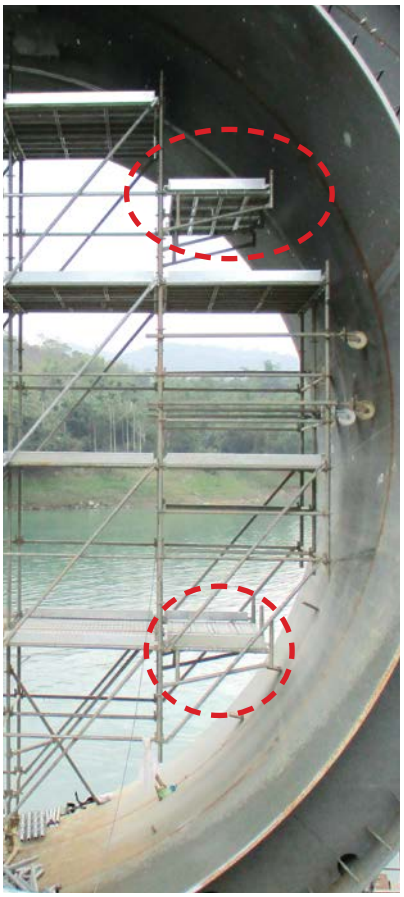


5.15 Suspended Bracket

Use to extend the suspension working platform which can solve the problem of inability to support below and save the material.

- Material: STK500
- Hang the suspended bracket into the Ring of the Vertical and put the Plank on it to form a suspension platform.
- Application Length: 0.6m, 0.762m, 0.9m, 1.2m, 1.219m, 1.8m, 1.829m, other sizes can be customized.



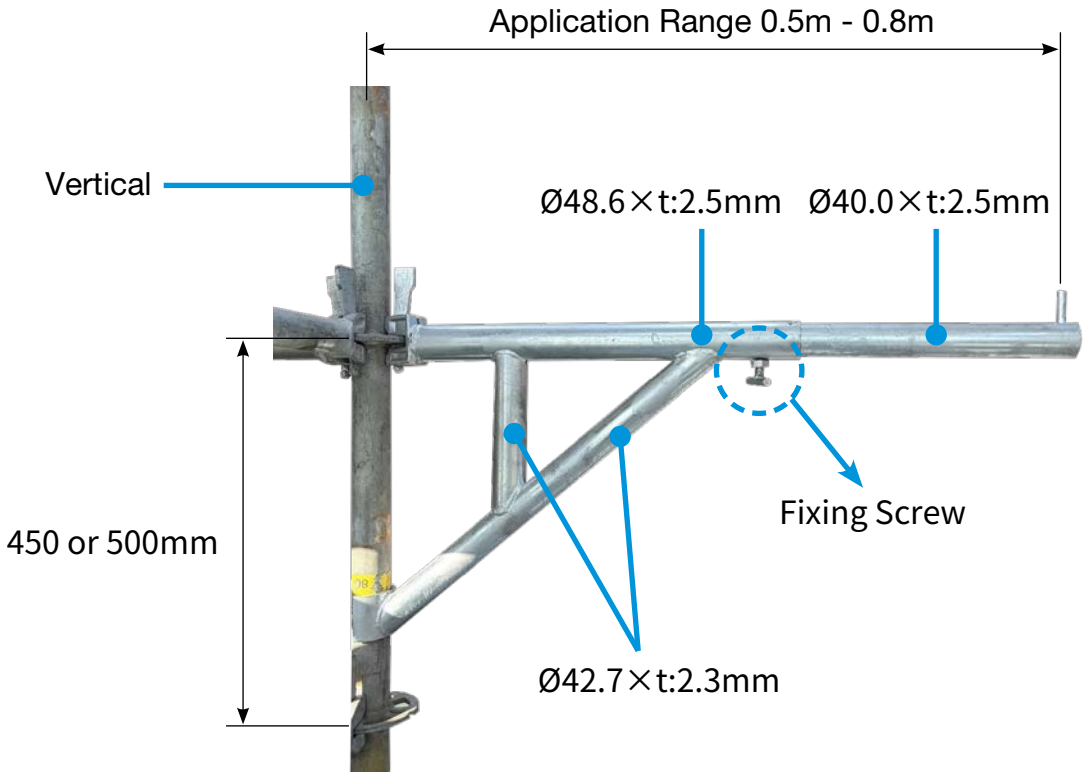






5.16 Telescopic Suspended Bracket 0.5 ~ 0.8m

- Material: STK500
- Similar to the suspended bracket, the inner tube can be extended to allow one more plank width 265mm.





For supporting 2 planks



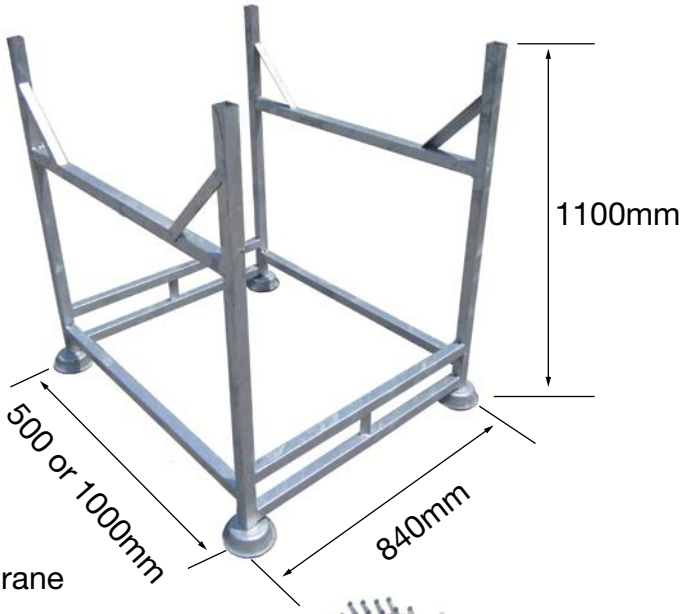
For supporting 3 planks

5.17 Light-Duty Scaffolding Rack

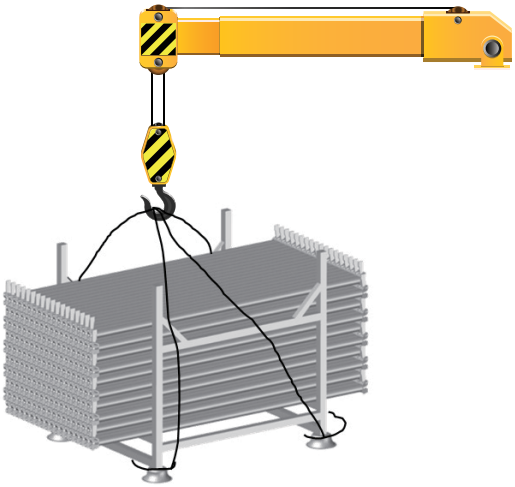
Specification: L:840×W:1000×H:1100mm;
L:840×W:500×H:1100mm.

Features: Save space for storage, convenient for inventory, loading / unloading and transportation.





Moved by Crane





Moved by Forklift

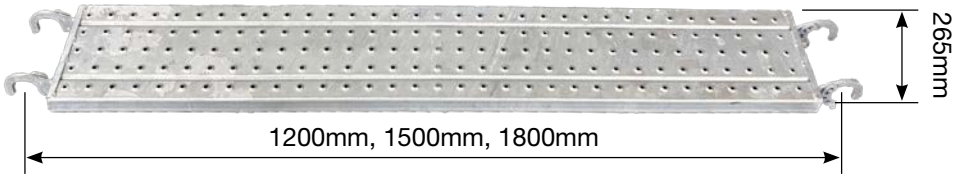


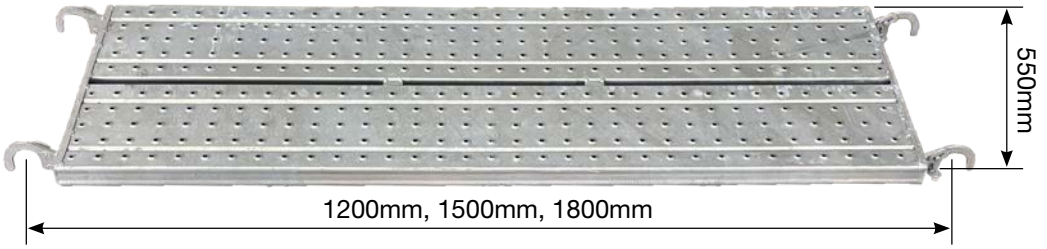


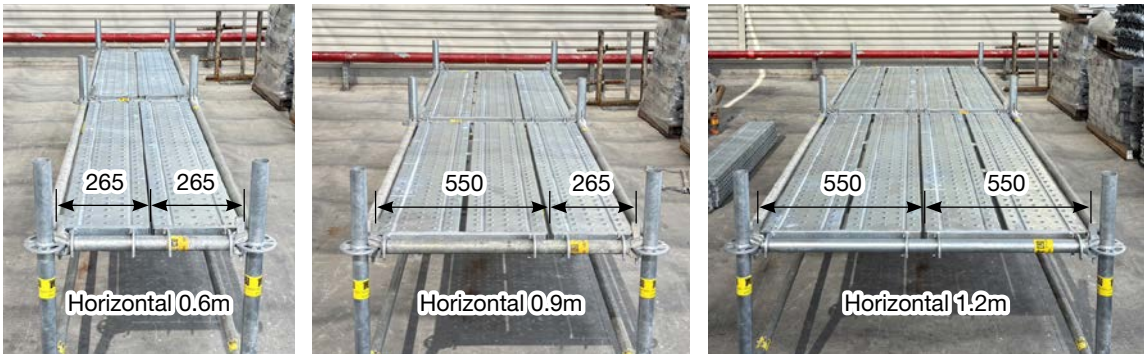
5.18 Planks and Side Planks

- The scaffold can be fully planked without interfering with Diagonal installation, while all gaps remain within the specified limits.
- Side Planks are installed along both outer sides of each bay, with Planks placed in the center. Adjacent bays on the same level can be continuously covered with Planks and Side Planks.
- When used with Planks, gaps can be kept below 30mm, with all surfaces remaining level for safer access.
- Side Plank Width: 265mm. Side Plank lengths match Sucoot Plank lengths for compatible installation.
- Custom sizes are available upon request.

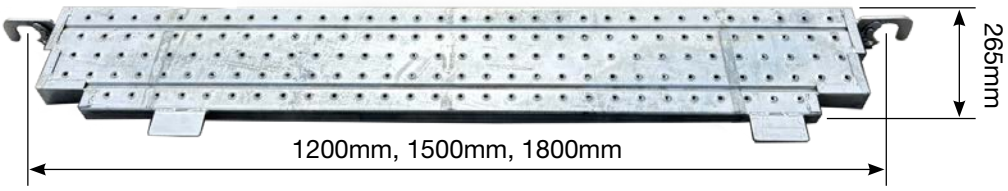
Plank







Side Plank





6. Light-Duty Aluminum Stairway

Key Features

- Lightweight aluminum design for easier handling and relocation, with excellent corrosion resistance.

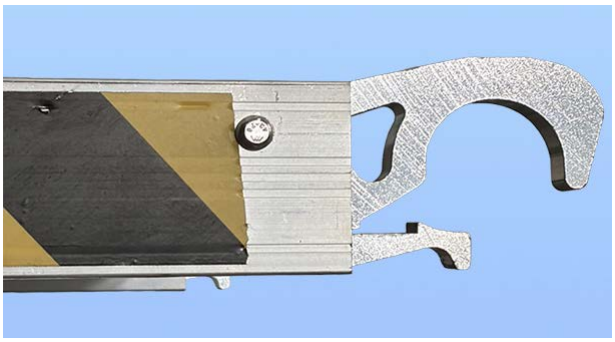
Safety Designs

- Anti-Slip Treads: The tread surfaces are formed with an anti-slip pattern.
- Safety locking devices are provided at both the upper and lower hooks to help prevent the connection from disengaging due to vibration or external force.

Dimensions: L:1800×W:530×H:2000mm. Total weight, including bolts and handrail: 18.59kg .





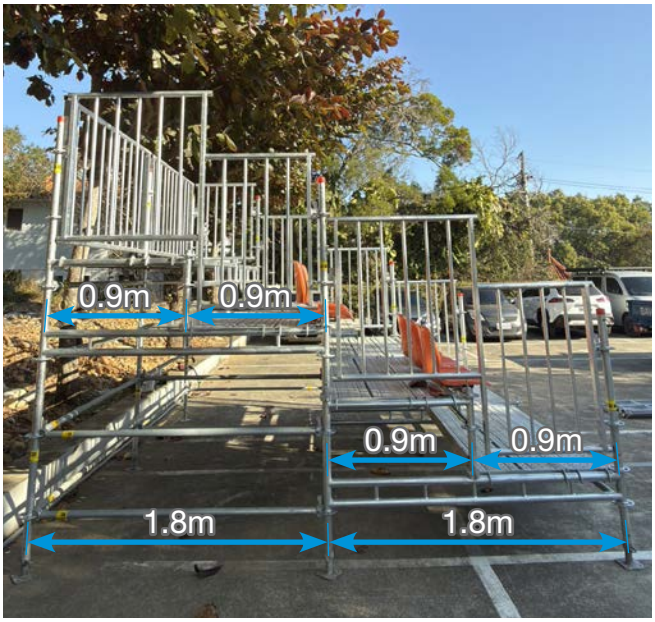






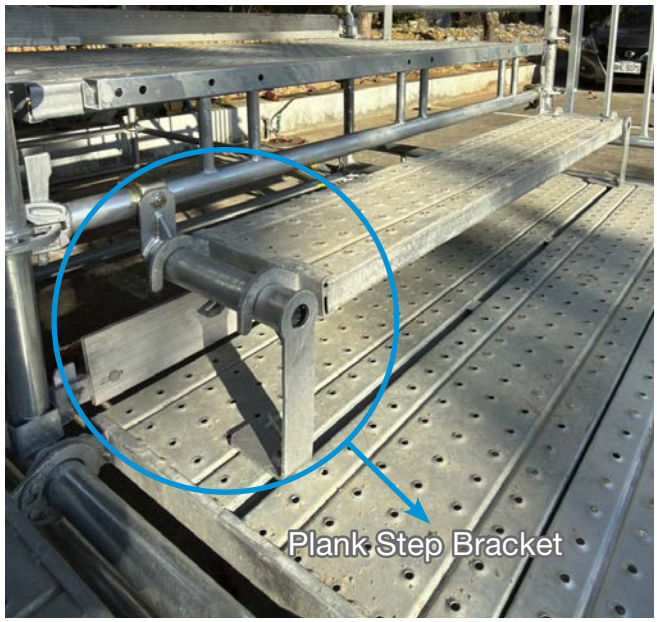
7. Spectator Stand

- The main structural tubes are made of STK500 high-strength structural steel, providing high load capacity and strong bending and compression performance.
- The modular system can be assembled efficiently to shorten erection time.
- Height and seating capacity can be adjusted to suit the venue and expected audience size.
- Suitable for repeated erection at short-term events, helping reduce labor and construction costs.
- The layout provides sufficient space for circulation and seat access while maintaining a stable structure.
- Tiered seating helps preserve sightlines for spectators in the rear rows.
- Guardrails are installed around exposed edges to reduce fall hazards.
- Anti-slip Planks improve safety along the access steps and walkways.



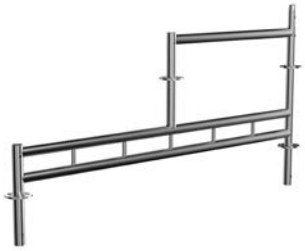






Components and Specifications

Seating Truss 1.8m



Purpose:

- Modular component design for efficient assembly and overall structural stability.

Assembly Method:

- Connects to Sucoot Verticals, then installs Horizontals.
- Diagonals can be added where required to reinforce the structure.

Dimensions:

- L: 1800mm (900+900mm)
- Ring spacing: 450mm

Tube Specifications:

- Vertical tubes: Ø48.6×t:2.5mm, STK500
- Transverse tubes: Ø48.6×t:2.3mm, STK500

Seat Support Horizontal



Purpose:

- Provides transverse connection and seat support for the structure of Spectator Stand.
- Up to three seats may be installed above.
- A Plank Step Bracket can be clamp-mounted on the lower Horizontal when required.
- Units can be connected continuously to provide flexible seating layouts and stable seat support.

Note: If a Plank Step Bracket is installed on the Seat Support Horizontal, no Seating Chairs shall be installed above it.

Dimensions:

- L:1800×H:198mm

Tube Specifications:

- Square tube: 40×40×t:2.0×L:1555mm
- Horizontal: Ø42.7×t:2.3×L:1800mm, STK500

Guardrail 0.9m



Purpose:

- Installed along the outer edges of the seating structure to reduce fall hazards and protect spectators.

Assembly Method:

- Engage the lower hook in the small hole of the Ring, then insert the Wedge Lock through the Ring and hammer the Wedge down to secure the connection.

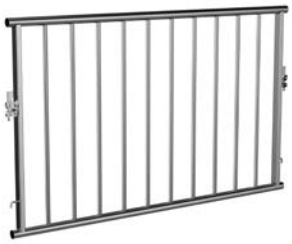
Dimensions:

- L:900×H:1042mm

Tube Specification:

- Ø42.7×t:1.8mm, STK400

Guardrail 1.8m



Purpose:

- Installed along the outer edges of the seating structure to reduce fall hazards and protect spectators.

Assembly Method:

- Engage the lower hook in the small hole of the Ring, then insert the Wedge Lock through the Ring and hammer the Wedge down to secure the connection.

Dimensions:

- L:1800×H:1042mm

Tube Specification:

- Ø42.7×t:1.8mm, STK400



Seating Chair

Purpose:

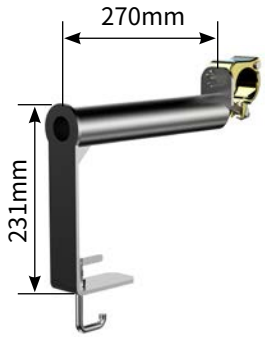
- Installed on the Seat Support Horizontal for spectator seating.
- Can be arranged to suit site and layout requirements for safety and comfort.
- Maximum Load: 200kg.

Dimensions:

- H:41×W:41×D:44cm

Installation:

- SA-TB-0008-2 Hex. Bolt Ø7/16"×2-1/2"×2pcs
- SA-TB-0009-2 Flange Nut Ø7/16"×10mm×2pcs



Plank Step Bracket

Purpose:

- Supports Planks to form access steps and entrances.

Assembly Method:

- Fit the clamp onto the tube. Easy to install and remove, and durable for repeated use.
- It reduces the rise between levels and includes a locking-mechanism below the plank.

Quantity:

- 2pcs as a set

Tube Specification:

- Ø48.6×t: 2.5×270mm, STK500



C-Type Toe Board Bracket

Purpose:

- Used to install a Toe Board below the seats to prevent objects from falling.

Assembly Method:

- This Bracket is secured to the structure with bolt & nut.

Inside Dimensions: 50×51mm
Material: SS400

Installation:

- FA-TB-0013-2 Hex. Nut Ø5/16"×6mm×1pc
- SA-TB-0012-2 Hex. Bolt Ø5/16"×2-1/2"×1pc



Tube End Cap

Purpose:

- Covers exposed tube ends to reduce the risk of injury from accidental contact.

Assembly Method:

- Fit the cap over the tube end. Easy to install and remove, and durable for repeated use.

Material: PE

Compatible Tubes:

- Ø48mm Pre-Galv. tube
- Ø48mm Hot-Dip Galv. tube
- Ø41.8mm tube

8. Projects

Columbarium Pagoda Refurbishment



Taipei Dome Complex



National Museum of Marine Biology and Aquarium



The Shooting Scene for Life of Pi



FPCC No.6 Naphtha Cracking Project (140m Height)



Petrochemical Equipment Maintenance



Round Tank Refurbishment



Pillar Construction



Mobile Working Tower



Shipyard Application



Steel-Structure Bridge Refurbishment



Building Wall Decoration



District Court Steel-Structure Roof



Slab Shoring for Power Station





Hushan Distributing Reservoir



Petrochemical Pipe Annual Maintenance



Flare Tower Project (100m Height)



Slope Walkway



Aircraft Maintenance











Suspended Scaffolding (36m Height)



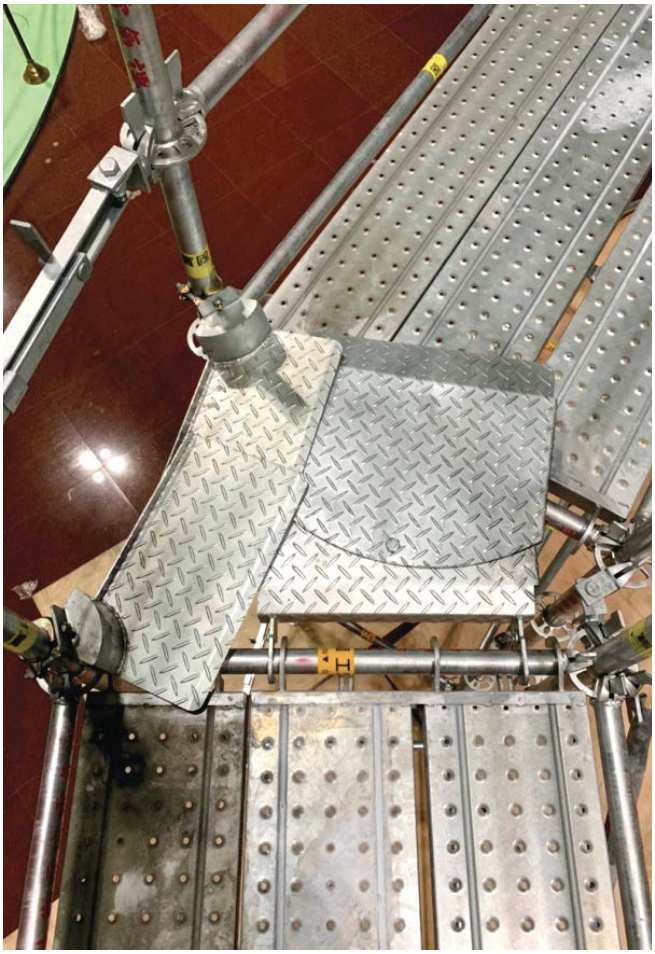
Interior of the 36m High System Scaffolding



Circular Scaffolding



Arc Cover Plate for Round Tank



Swivel Horizontal / Swivel Telescopic Horizontal



Spectator Stand (During Erection)



Spectator Stand (Completed)



Baguashan Great Buddha Maintenance



5.4m Single-Sided Cantilever Working Platform



Sucoot Shalu Logistics Facility



Mobile Working Platform



52m Petrochemical Plant



60m Bridge Pylon



76m Power Plant Chimney



Petrochemical Plant High-Tower



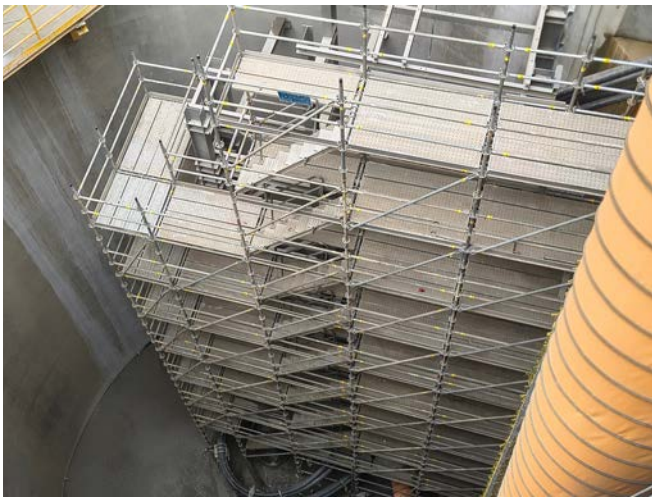
80m Refinery



50m Façade Refurbishment



Vertical Shaft Construction Scaffolding



Highway Seismic Retrofit Scaffolding



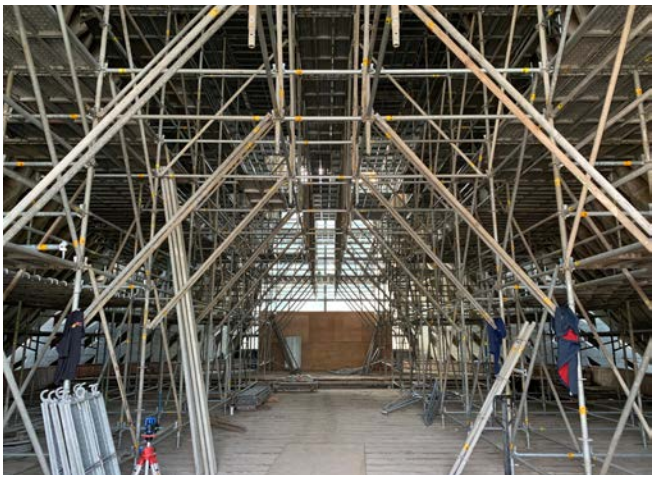
Restoration of Luce Memorial Chapel at Tunghai University,
a National Historic Monument in Taiwan



Interior Scaffolding for the Restoration



Industrial-Style Display Structure
in a Department Store



Display Structure for an Art and
Cultural Exhibition





Curtain-Wall Installation at a Southern Taiwan Science Park Facility



Façade Access Scaffolding

Exterior Classroom Scaffolding





Wind Turbine Blade Scaffolding

Wind Turbine Maintenance Scaffolding





Vertical Shaft Scaffolding



Circular Tank Structure



Internal Tower



Circular Tank Structure



Vertical Shaft Access Stairway



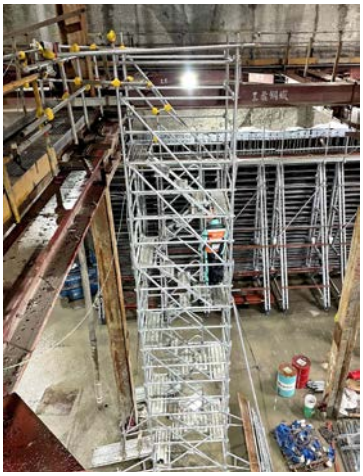
Pier Column



Pier Column



Access Stairway for Underground Station



9. Test Report

The values below are the random testing result. For structural calculation, please use the formal values we provide.

NCKU Research and Development Foundation
Engineering Technology and Material Laboratory
Department of Civil Engineering, NCKU
Testing Report Sheet

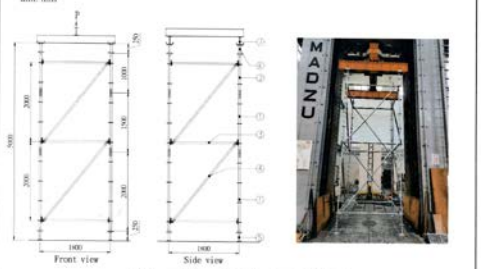
Page : 2/2

(114) No. SB0117 Date : June 25, 2025

Project : N/A Manufacturer : SUCOOT CO., LTD.
Truster : SUCOOT CO., LTD. Sampler : SUCOOT CO., LTD.
Sender : SUCOOT CO., LTD. Date Received : June 20, 2025
Sample : ϕ48.6mm Ring System Scaffold-with Diagonal(1.8m×1.8m Vertical : STK500)

Tube Outer Diameter (mm)	Tube Thickness (mm)	Frame Dimensions (mm)		Max. Load (tf)
		Plan Dimensions	Height	
48.7	2.6	1800/1800	5000	26.39

unit: mm



No.	Item	Material	Specification
1	Vertical	STK500	ϕ48.6mm×2.3mm
2	Vertical W/O Spigot	STK500	ϕ48.6mm×2.3mm
3	Horizontal	STK500	ϕ42.7mm×2.3mm
4	Diagonal	STK500	ϕ42.7mm×2.3mm
5	Jack Base	STK400	ϕ38.5mm×4.0mm
6	U-Head Jack	STK400	ϕ38.5mm×4.0mm
7	H-Beam	Provided by the test institute	

TESTING RESULTS ARE VALID ONLY FOR THE SPECIMENS PROVIDED BY THE SAMPLER

Tester :

NCKU Research and Development Foundation
Engineering Technology and Material Laboratory
Department of Civil Engineering, NCKU
Testing Report Sheet

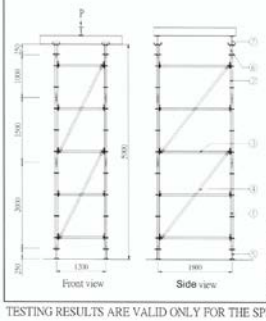
Page : 2/2

(112) No. SB0041 Date : March 2, 2023

Project : N/A Manufacturer SUCOOT CO., LTD.
Truster : SUCOOT CO., LTD. Sampler : SUCOOT CO., LTD.
Sender : SUCOOT CO., LTD. Date Received February 23, 2023
Sample : ϕ48.6mm Ring System Scaffold(1.8m×1.2m Vertical : STK500)

Tube Outer Diameter (mm)	Tube Thickness (mm)	Frame Dimensions (mm)		Max. Load (tf)
		Plan Dimensions	Height	
48.6	2.5	1800/1200	5000	30.44

unit: mm





No.	Item	Material	Specification
1	Vertical	STK500	ϕ48.6mm×2.3mm
2	Vertical W/O Spigot	STK500	ϕ48.6mm×2.3mm
3	Horizontal	STK500	ϕ42.7mm×2.3mm
4	Diagonal	STK500	ϕ42.7mm×2.3mm
5	Jack Base	STK400	ϕ38.5mm×4.0mm
6	U-Head Jack	STK400	ϕ38.5mm×4.0mm
7	H-Beam	Provided by the test institute	

TESTING RESULTS ARE VALID ONLY FOR THE SPECIMENS PROVIDED BY THE SAMPLER

Tester :

NCKU Research and Development Foundation
Engineering Technology and Material Laboratory
Department of Civil Engineering, NCKU
Testing Report Sheet

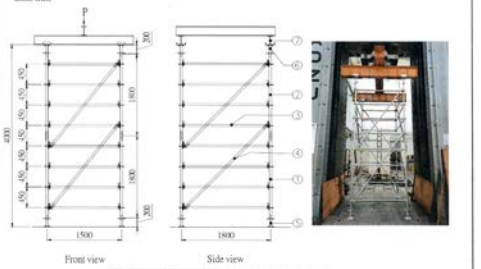
Page : 2/2

(114) No. SB0042 Date : March 12, 2025

Project : N/A Manufacturer : SUCOOT CO., LTD.
Truster : SUCOOT CO., LTD. Sampler : SUCOOT CO., LTD.
Sender : SUCOOT CO., LTD. Date Received : March 11, 2025
Sample : ϕ48.6mm Ring System Scaffold(1.8m×1.5m Vertical : STK500)

Tube Outer Diameter (mm)	Tube Thickness (mm)	Frame Dimensions (mm)		Max. Load (tf)
		Plan Dimensions	Height	
48.6	2.6	1800/1500	4000	51.68

unit: mm



No.	Item	Material	Specification
1	Vertical	STK500	ϕ48.6mm×2.3mm
2	Vertical W/O Spigot	STK500	ϕ48.6mm×2.3mm
3	Horizontal	STK500	ϕ42.7mm×2.3mm
4	Diagonal	STK500	ϕ42.7mm×2.3mm
5	Jack Base	STK400	ϕ38.5mm×4.0mm
6	U-Head Jack	STK400	ϕ38.5mm×4.0mm
7	H-Beam	Provided by the test institute	

TESTING RESULTS ARE VALID ONLY FOR THE SPECIMENS PROVIDED BY THE SAMPLER

Tester :

NCKU Research and Development Foundation
Engineering Technology and Material Laboratory
Department of Civil Engineering, NCKU
Testing Report Sheet

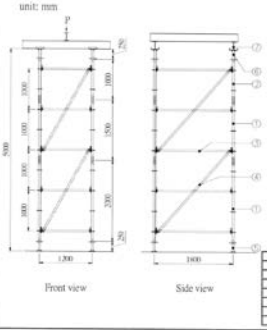
Page : 2/2

(114) No. SB0034 Date : March 3, 2025

Project : N/A Manufacturer : SUCOOT CO., LTD.
Truster : SUCOOT CO., LTD. Sampler : SUCOOT CO., LTD.
Sender : SUCOOT CO., LTD. Date Received : February 25, 2025
Sample : ϕ48.6mm Ring System Scaffold(1.8m×1.2m Vertical : STK500)

Tube Outer Diameter (mm)	Tube Thickness (mm)	Frame Dimensions (mm)		Max. Load (tf)
		Plan Dimensions	Height	
48.6	2.6	1800/1200	5000	34.71

unit: mm





No.	Item	Material	Specification
1	Vertical	STK500	ϕ48.6mm×2.3mm
2	Vertical W/O Spigot	STK500	ϕ48.6mm×2.3mm
3	Horizontal	STK500	ϕ42.7mm×2.3mm
4	Diagonal	STK500	ϕ42.7mm×2.3mm
5	Jack Base	STK400	ϕ38.5mm×4.0mm
6	U-Head Jack	STK400	ϕ38.5mm×4.0mm
7	H-Beam	Provided by the test institute	

TESTING RESULTS ARE VALID ONLY FOR THE SPECIMENS PROVIDED BY THE SAMPLER

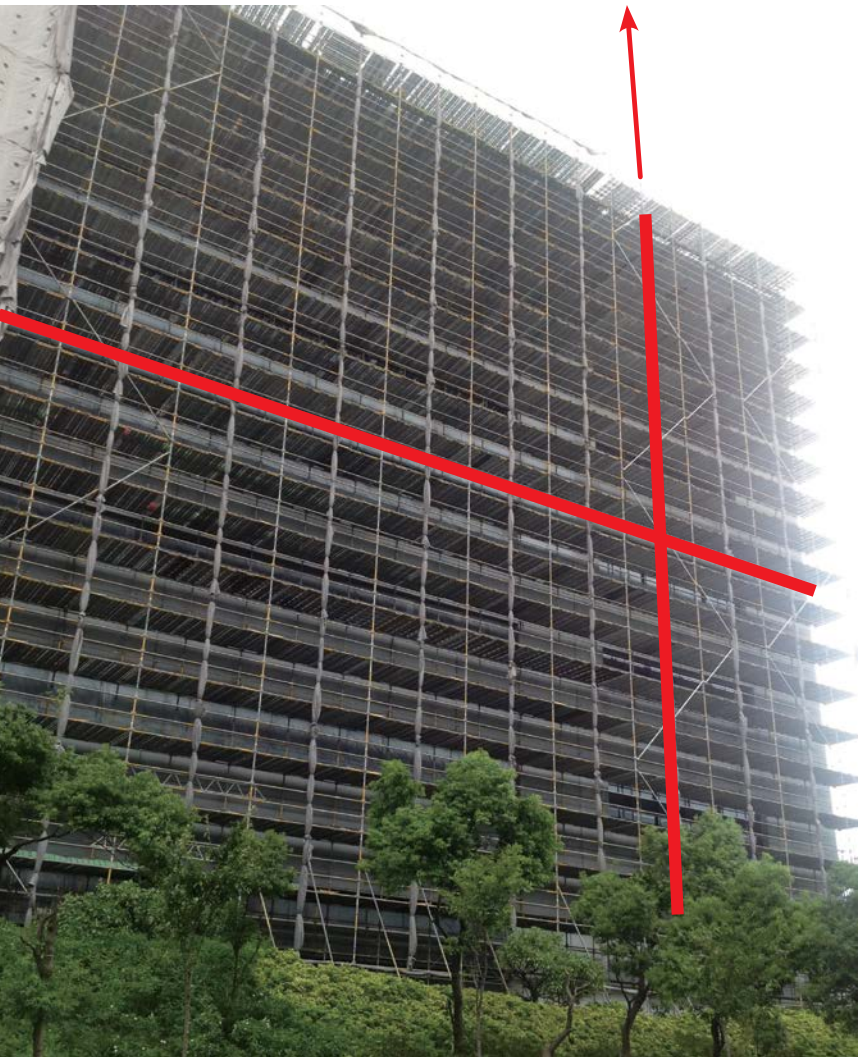
Tester :

10. Certification

Features

- The main components (Vertical, Horizontal, Diagonal) are using the STK500 material for lightweight and high-strength with Hot Dip Galv. finish for repeating use.
- No visible gap between the Vertical connection.
- The gap tolerances for Vertical and Spigot have been controlled at 1.8mm.
- Verticality and Horizontality of our assembled scaffolding are extremely accurate.

The vertical deviation has been controlled at 0.3%



Wall construction for TSMC

EN 12810-1
Certificate Number: 10.16.3699

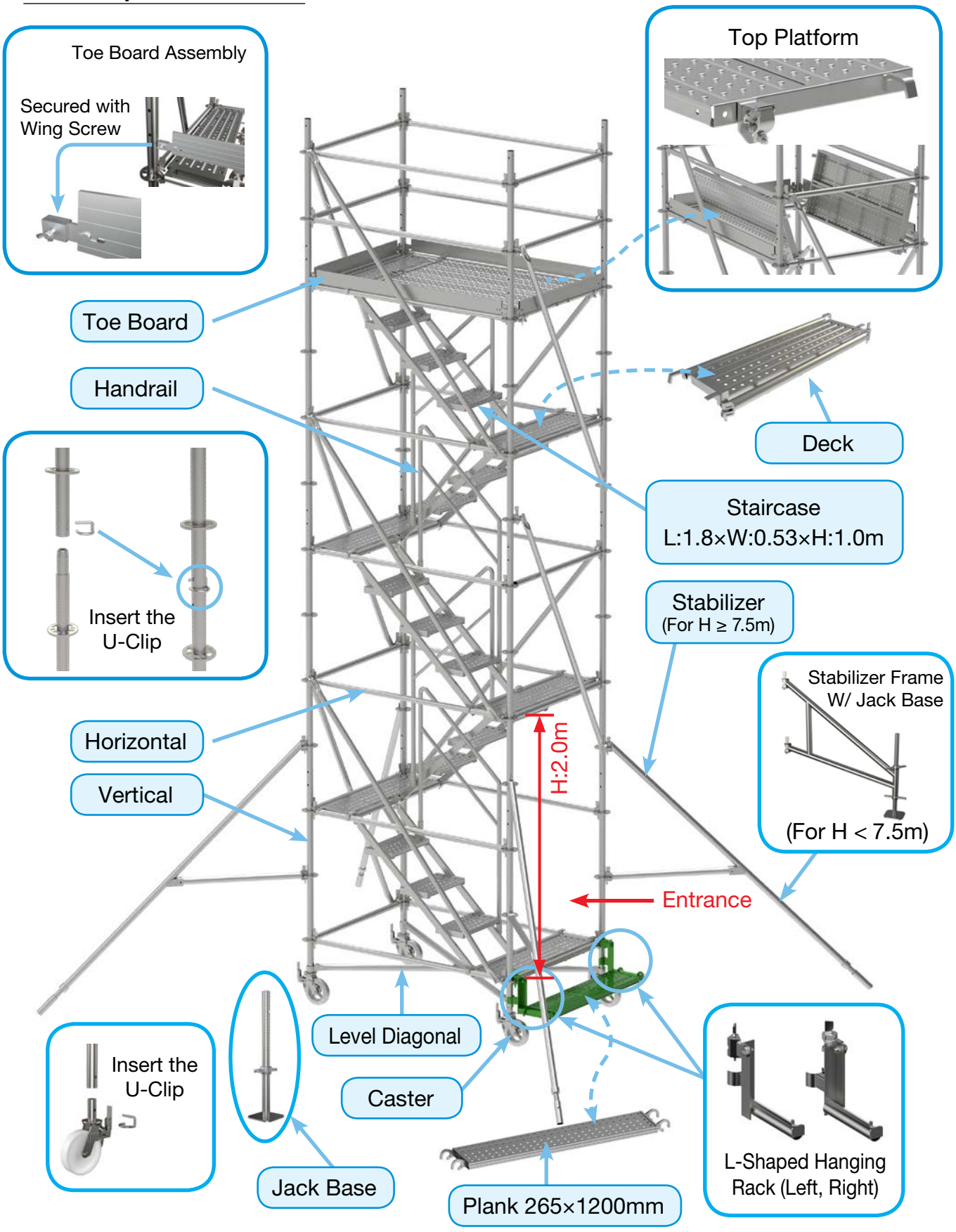


ANSI/ASSE A10.8
Certificate Number: 10.16.3990



11. Mobile Working Platform

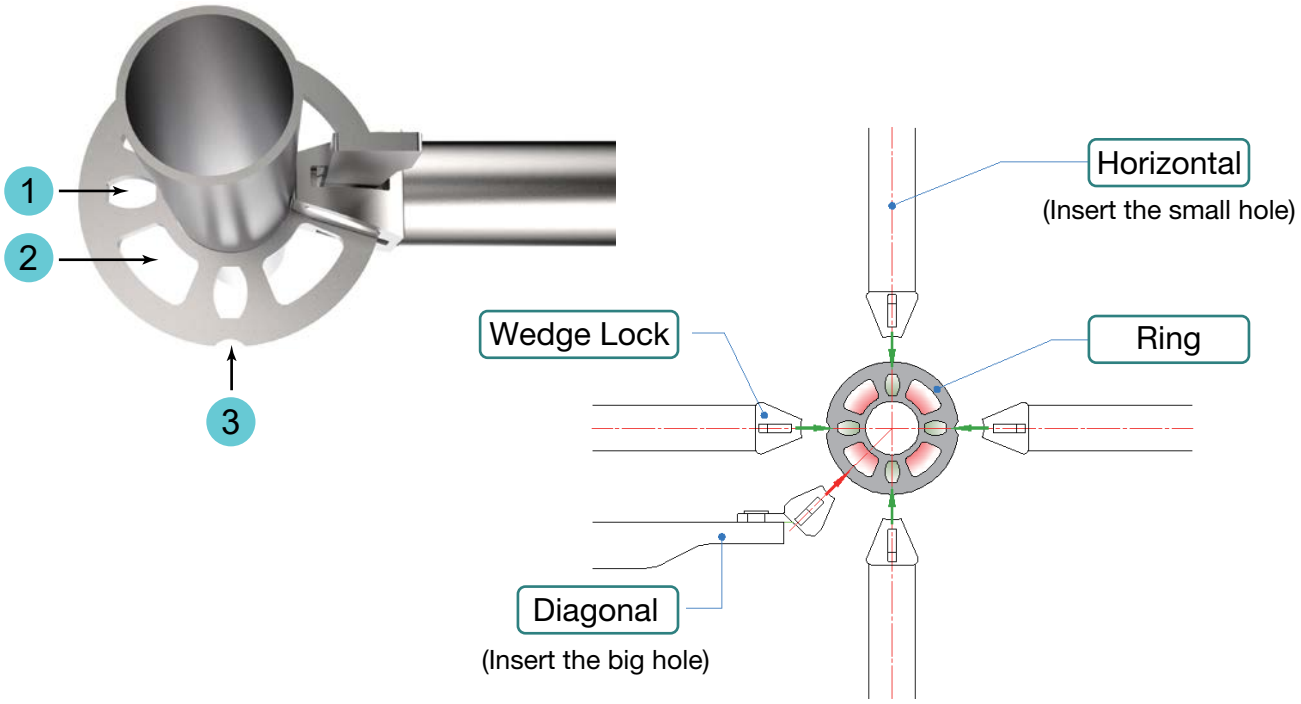
11.1 Component Overview



11.2 Assembly Diagram of Working Platform

1. Small holes: 4 holes for Horizontal assembly (fix the Wedge Locks on Ring and hammer the Wedges tightly).
2. Big holes: 4 holes for Diagonal or Level Diagonal assembly (fix the Wedge Locks on Ring and hammer the Wedges tightly).
3. Alignment point: for Verticals assembly in alignment.

※ U-Clip to secure firm connection of Verticals while lifting up.



Specification

Item	Specification	Item	Specification
Vertical	Length:1.0m; 1.5m; 2.0m Tube:Ø48.6×t:2.5mm	Staircase + Handrail	L:1.8m×H:1.0m
Horizontal	Length:1.2m; 1.8m Tube:Ø42.7×t:2.3mm	Top Platform	W:530mm×L:1439mm
Diagonal	Length:1.2m×2.0m; 1.8m×2.0m Tube:Ø42.7×t:2.3mm	Level Diagonal	1.8m×1.2m
Jack Base	Length:600mm Tube:Ø38.5×t:4.0mm	Stabilizer H≥7.5m	Length:2.7m Tube:Ø48.6×t:2.0mm
Caster	Wheel:8”, H:240mm	Toe Board	Length:1.2m; 1.8m Height:100mm
Deck	W:400mm×L:1200mm	Steel Plank	W:265mm×L:1800mm
Stabilizer Frame H<7.5m	L:0.92m	Jack Base	Tube:Ø1-1/4”×L:600mm +HN-11B×2
Working Platform Height:H2.5m; H3.5m; H4.5m; H5.5m; H6.5m; H7.5m; H8.5m; H9.5m; H10.5m; H11.5m Material:Vertical, Horizontal, Diagonal - STK500. Finish:Hot Dip Galv.			

No.	Item	Specification	U.W.	H:2.5m	H:3.5m	H:4.5m	H:5.5m	H:6.5m	H:7.5m	H:8.5m	H:9.5m	H:10.5m	H:11.5m
			kg/pc	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity	Quantity
1	Vertical	Ø48.6×t:2.5mm, 1.0m	4.43	0	4	0	4	0	4	0	4	0	4
2	Vertical	Ø48.6×t:2.5mm, 1.5m	6.31	4	4	4	4	4	4	4	4	4	4
3	Vertical	Ø48.6×t:2.5mm, 2.0m	8.11	4	4	8	8	12	12	16	16	20	20
3-1	U-Clip	Ø9mm(For Ø48.6mm Tube)	0.12	4	8	8	12	12	16	16	20	20	24
4	Horizontal	Ø42.7×t:2.3mm, 1.2m	3.34	6	7	8	9	10	11	12	13	14	15
5	Horizontal	Ø42.7×t:2.3mm, 1.8m	4.78	10	12	14	16	18	20	22	24	26	28
6	Diagonal	Ø42.7×t:2.3mm, 1.2×2.0m	6.60	1	3	4	5	6	7	8	9	10	11
7	Diagonal	Ø42.7×t:2.3mm, 1.8×2.0m	7.26	2	4	4	6	6	8	8	10	10	12
8-1	Jack Base	Ø38.5×t:4.0×600mmL	3.55	4	4	4	4	4	4	4	4	4	4
8-2	Caster W/Brake (White)(Incl. U-Clip)	8"(200mm), Height:240mm, Zinc Plated	4.30	4	4	4	4	4	4	4	4	4	4
9	Deck	L:1200×W:400mm	14.20	3	4	5	6	7	8	9	10	11	12
10	Staircase	L:1.8m×H:1.0m	14.79	2	3	4	5	6	7	8	9	10	11
11	Handrail	Ø1"	4.77	1	2	3	4	5	6	7	8	9	10
12	Top Platform (Incl. SL-36)	W:530×L:1439mm	15.50	2	2	2	2	2	2	2	2	2	2
13	Level Diagonal	Ø48.6×t:2.0mm, 1.8×1.2m	5.32			2	2	2	2	2	2	2	2
14-1	Jack Base	Ø1-1/4"×600mmL+HN-11B×2pcs	3.90	4	4	4	4	4					
	Stabilizer Frame	(Ring Spacing 500mm) 0.92m	6.66	4	4	4	4	4					
14-2	Stabilizer	Ø48.2×t:2.0mm	11.79						4	4	4	4	4
15	Toe Board	H:100mm×W:10mm×L:1.2m	0.92	2	2	2	2	2	2	2	2	2	2
16	Toe Board	H:100mm×W:10mm×L:1.8m	1.34	2	2	2	2	2	2	2	2	2	2
17	L-Shaped Hanging Rack (Left, Right)		5.44	2	2	2	2	2	2	2	2	2	2
18	Plank	265×1200mm	6.50	1	1	1	1	1	1	1	1	1	1
19	Height of Top Platform W/ Jack Base	Jack Base Height:80-500mm		2.33-2.75m	3.33-3.75m	4.33-4.75m	5.33-5.75m	6.33-6.75m	7.33-7.75m	8.33-8.75m	9.33-9.75m	10.33-10.75m	11.33-11.75m
20	Height of Top Platform W/ Caster	Caster Height:240mm		2.49m	3.49m	4.49m	5.49m	6.49m	7.49m	8.49m	9.49m	10.49m	11.49m
21	Total Height Incl. Guardrail	Guardrail Height:1.0m		3.33-3.75m	4.33-4.75m	5.33-5.75m	6.33-6.75m	7.33-7.75m	8.33-8.75m	9.33-9.75m	10.33-10.75m	11.33-11.75m	12.33-12.75m
22	Total Weight W/ Jack Base			333.41kg	425.99kg	504.61kg	590.59kg	658.57kg	749.47kg	817.45kg	903.43kg	971.41kg	1,057.39kg
23	Total Weight W/ Caster(White)	Above H7.5m(Incl.) Weight excluding item 14-1		336.41kg	428.99kg	507.61kg	593.59kg	661.57kg	752.47kg	820.45kg	906.43kg	974.41kg	1,060.39kg

1. Above list is based on indoor and stationary use.In case of outdoor work or moving to other locations, special conditions (such as terrain, wind speed, vibration) have to be taken into consideration and additional elements or fixing may be required.
2. Personnel over 1.8m height should watch out the deck overhead while getting in and out.
3. Toe Boards, Casters, U-Clips and Wedges are not included in 3-year warranty.

SUCOOT

SUperior COmpany Of Taiwan

SUCOOT CO., LTD.

NO. 1836, SEC. 4, TAIWAN BLVD., TAICHUNG 40764, TAIWAN.

TEL：+886-4-2359 8338　FAX：+886-4-2359 8480

E-mail：info.ws@sucoot.com

http://www.sucoot.com

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