



SERUP SCAFFOLD

PRODUCT CATALOG

Secure the Build. Up the Standard.

COTACT US

You can contact us through the following ways

in LinkedIn: <https://www.linkedin.com/company/serupscaffold/>

Website: www.serupscaffold.com

Manufacturing Center: Cangsheng Industrial Park, Hecheng Street, Xian County, Cangzhou City, Hebei Province, China



Direct Manufacturing
& Cost Efficiency



End-to-End Engineering
& Technical Support



Certified Security
& Global Safety Compliance

CONTENTS

1

Company Introduction

2

Contact Information

3

Products

- 1)Steel Scaffolding System
- 2)Aluminum Scaffolding System
- 3)Accessories & Components

3.1

Steel Scaffolding System

- 1)Ringlock Scaffolding System
- 2)Cuplock Scaffolding System
- 3)Frame Scaffolding System

3.2

Aluminum Scaffolding System

- 1)Aluminum Mobile Scaffold Tower
- 2)Aluminum Mobile Folding Scaffold
- 3)Aluminum Shoring Props

3.3

Accessories & Components

- 1)Scaffold Beams
- 2)Heavy Duty Steel Props
- 3)Couplers
- 4)Base Jack & U-Head Jack
- 5)Scaffolding Planks
- 6)Frame Scaffolding - Cross Brace
- 7)Scaffold Joint Pin

SERUP SCAFFOLD

Core Capabilities & Products

Steel Scaffolding Systems:
Including Ringlock, Cuplock, and Frame systems.

Aluminum Scaffolding Systems:
High-mobility aluminum towers and structures.

Scaffolding Accessories:
Heavy-duty steel props, couplers, base jacks, and safety components.

Industries & Partners We Serve

Construction Contractors
& Project Developers

Scaffolding Trading
Companies & Distributors

Dedicated Formwork
Companies

Oil & Gas Industry
Contractors

Building Material
Suppliers

.....



ABOUT US.

**Global Formwork &
Scaffolding Manufacturer**

Serup Scaffold is a professional manufacturer and global supplier of secure formwork and scaffolding systems. Operating as a one-stop secure solution expert, we integrate in-house production with global trade capabilities. With over 10 years of industry experience, we engineer, manufacture, and distribute reliable construction support systems for projects worldwide.

Why Partner With Serup Scaffold?



OUR CERTIFICATE

Direct Manufacturing & Cost Efficiency

As a direct-from-manufacturer supplier, Serup Scaffold eliminates third-party markups. We maintain unrivaled, in-house quality control over our production lines while offering highly competitive global pricing for all our scaffolding and formwork systems.

End-to-End Engineering & Technical Support

We provide comprehensive scaffolding solutions that go beyond supplying materials. Our technical team supports your project through its entire lifecycle—delivering expert guidance from initial structural design and load planning to safe assembly and final dismantling.

Certified Security & Global Safety Compliance

Site safety is our absolute priority. Serup Scaffold products are manufactured to rigorous international testing standards and hold global security certifications, including ISO 9001, EN1090, CE, and TUV. We guarantee that our systems will keep your job sites compliant and secure worldwide.



Fully certified for global projects

Connect with One-Stop Formwork & Scaffolding Secure Solution

Whether you need a custom structural design, global logistics support, or a competitive quote on our scaffolding systems, the Serup Scaffold team is ready to deliver.

COTACT US

LinkedIn: <https://www.linkedin.com/company/serupscaffold/>

📍 Our Locations

Manufacturing Center: Cangsheng Industrial Park, Hecheng Street, Xian County, Cangzhou City, Hebei Province, China

Global Headquarters: Room 707, North Building, Building 1, Kuncheng Plaza, No. 1188 Renmin South Road, Kunshan Development Zone, Jiangsu Province, China

Global Sales & Technical Inquiries

Mandy Zhu

Email: mandy@serupscaffold.com

24/7 Global Support
(WhatsApp / WeChat / Phone): +86 189 1321 8778

Website: www.serupscaffold.com

Dodo Heng

Email: dodo@serupscaffold.com

24/7 Global Support
(WhatsApp / WeChat / Phone): +86 137 7175 3086

Website: www.serupscaffold.com



3.1.1

Steel Scaffolding System

RINGLOCK SCAFFOLDING SYSTEM

Our Ringlock systems are manufactured from high-strength Q355 or Q235 steel and finished with Hot-Dip Galvanization (HDG), providing a minimum Zinc Coating of 60-80 microns, ensuring maximum durability in corrosive environments.

Q355 or Q235 steel | 60-80 microns

COMPONENTS

01 | Ringlock Standards
(Verticals)

02 | Ringlock Ledger
(Horizontal)

03 | Ringlock Diagonal
Brace

04 | Ringlock Base Collar

05 | Ringlock Mid
Transom

Ringlock Standards (Verticals)

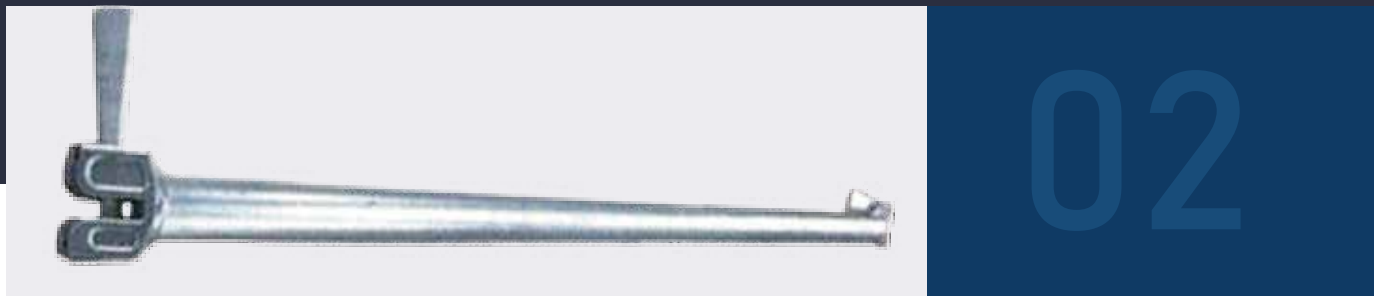


Dimensional and Material Specifications:

Material Grade	High-Tensile Structural Steel (Typically Q235 or Q355)
Outside Diameter (OD)	48.3 mm(Standard Scaffolding Tube)
Wall Thickness	3.0 mm, 3.2 mm, 3.25 mm, or 4.0 mm
Node Spacing	Rosette Interval, Welded at exactly 500 mm (0.5m) centers
Rosette Design	8-hole stamped rosette (4 small holes for ledgers, 4 large for diagonals) Rosette Thickness : 10 mm
Standard Lengths Available	0.5m, 1.0m, 1.5m, 2.0m, 2.5m, 3.0m, 4.0m
Spigot (Connecting Pin)	Integral spigot (bolted or crimped) for precise vertical stacking
Surface Finish / Protection	Hot-Dip Galvanized (HDG) (Min. 60-80 Microns)

Custom sizes are also available.

Ringlock Ledger (Horizontal)



Dimensional and Material Specifications:

Material Grade	High-Tensile Structural Steel (Typically Q235 or Q355)
Outside Diameter (OD)	48.3 mm(Standard Scaffolding Tube)
Wall Thickness	2.75mm, 3.0 mm, 3.2 mm, or 3.25 mm
End Connectors	Precision cast steel ledger heads with captive wedge pins
Standard Lengths Available	0.73m, 1.09m, 1.40m, 1.57m, 2.07m, 2.57m, 3.07m
Locking Mechanism	Hammer-driven captive steel wedge slotted into the rosette
Surface Finish /Protection	Hot-Dip Galvanized (HDG) (Min. 60-80 Microns)

Custom sizes are also available.

Ringlock Diagonal Brace



Dimensional and Material Specifications:

Material Grade	High-Tensile Structural Steel (Typically Q235 or Q355)
Outside Diameter (OD)	42.2 mm or 48.3 mm (Depending on load-class requirements)
Wall Thickness	2.0mm, 2.5 mm or 3.2 mm
End Connectors	Pivoting (swivel) cast steel brace heads with captive wedge pins
Sizing Matrix	Calculated by Bay Length × Lift Height (e.g., 2.07m × 2.0m)
Locking Mechanism	Hammer-driven captive wedge slotted into the large rosette holes
Surface Finish /Protection	Hot-Dip Galvanized (HDG) (Min. 60-80 Microns)

Custom sizes are also available.

Ringlock Base Collar



Dimensional and Material Specifications:

Material Grade	High-Tensile Structural Steel (Typically Q235 or Q355)
Outside Diameter (OD)	48.3 mm(Standard Scaffolding Tube)
Wall Thickness	3.0 mm, 3.2 mm or 4.0 mm
Standard Lengths	0.24m, 0.30m, or 0.43m (Industry standards)
Node Component	Single 8-hole stamped steel rosette (10mm thickness)
Base Interface	Slides completely over the stem of a solid or hollow base jack
Surface Finish / Protection	Hot-Dip Galvanized (HDG) (Min. 60-80 Microns)

Custom sizes are also available.

Ringlock Mid Transom

Dimensional and Material Specifications:

Material Grade	High-Tensile Structural Steel (Typically Q235 or Q355)
Profile Type	O-Type (48.3 mm tubular) or U-Type (U-profile for engineered decking)
Wall Thickness	2.5 mm, 3.0 mm, or 3.2 mm (Depending on load class)
End Connectors	Welded jaw-shaped saddles, specialized hooks, or half-couplers
Standard Lengths	0.73m, 1.09m, 1.40m, 1.57m, 2.07m, 2.57m, 3.07m (Matches bay dimensions)
Installation Interface	Sits across and locks onto the parallel horizontal ledgers
Surface Finish /Protection	Hot-Dip Galvanized (HDG) (Min. 60-80 Microns)

Custom sizes are also available.



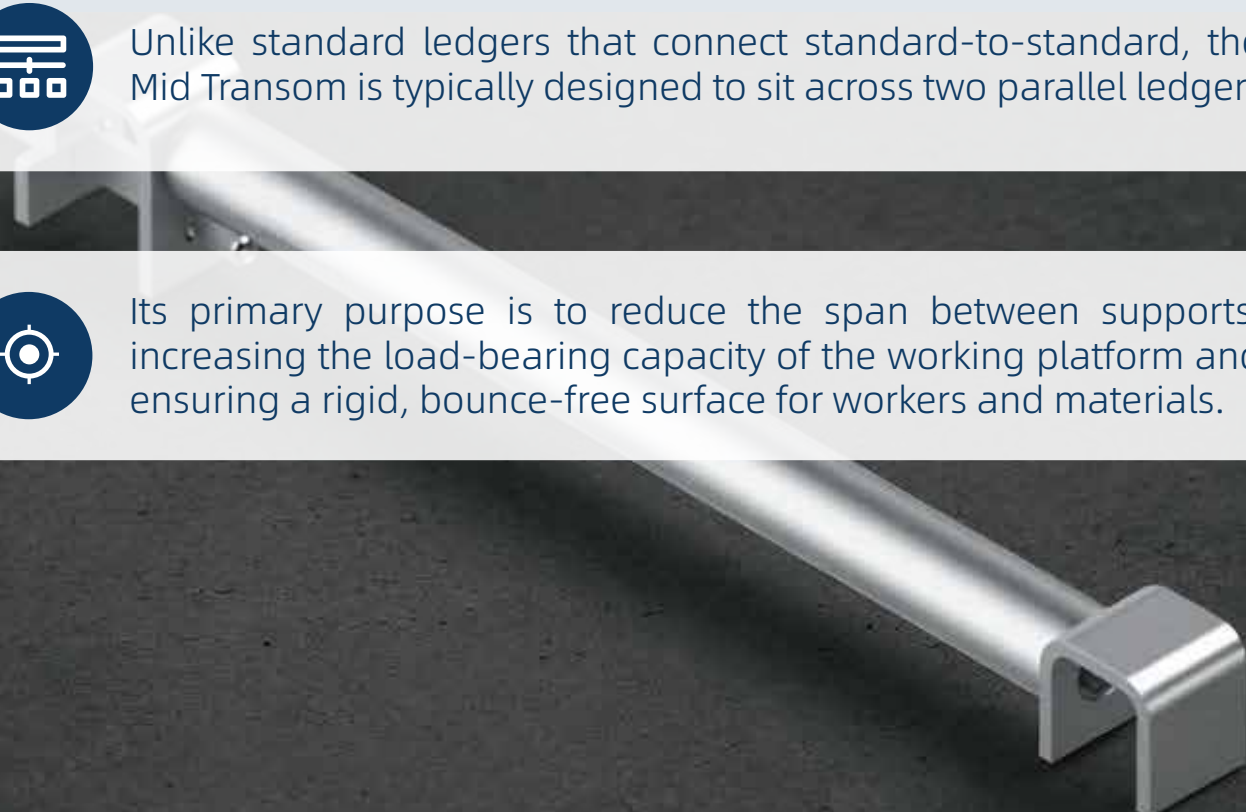
Ringlock Mid Transom is a horizontal structural component used within a Ringlock scaffolding bay to provide intermediate support for scaffold planks or decks.



Unlike standard ledgers that connect standard-to-standard, the Mid Transom is typically designed to sit across two parallel ledgers.



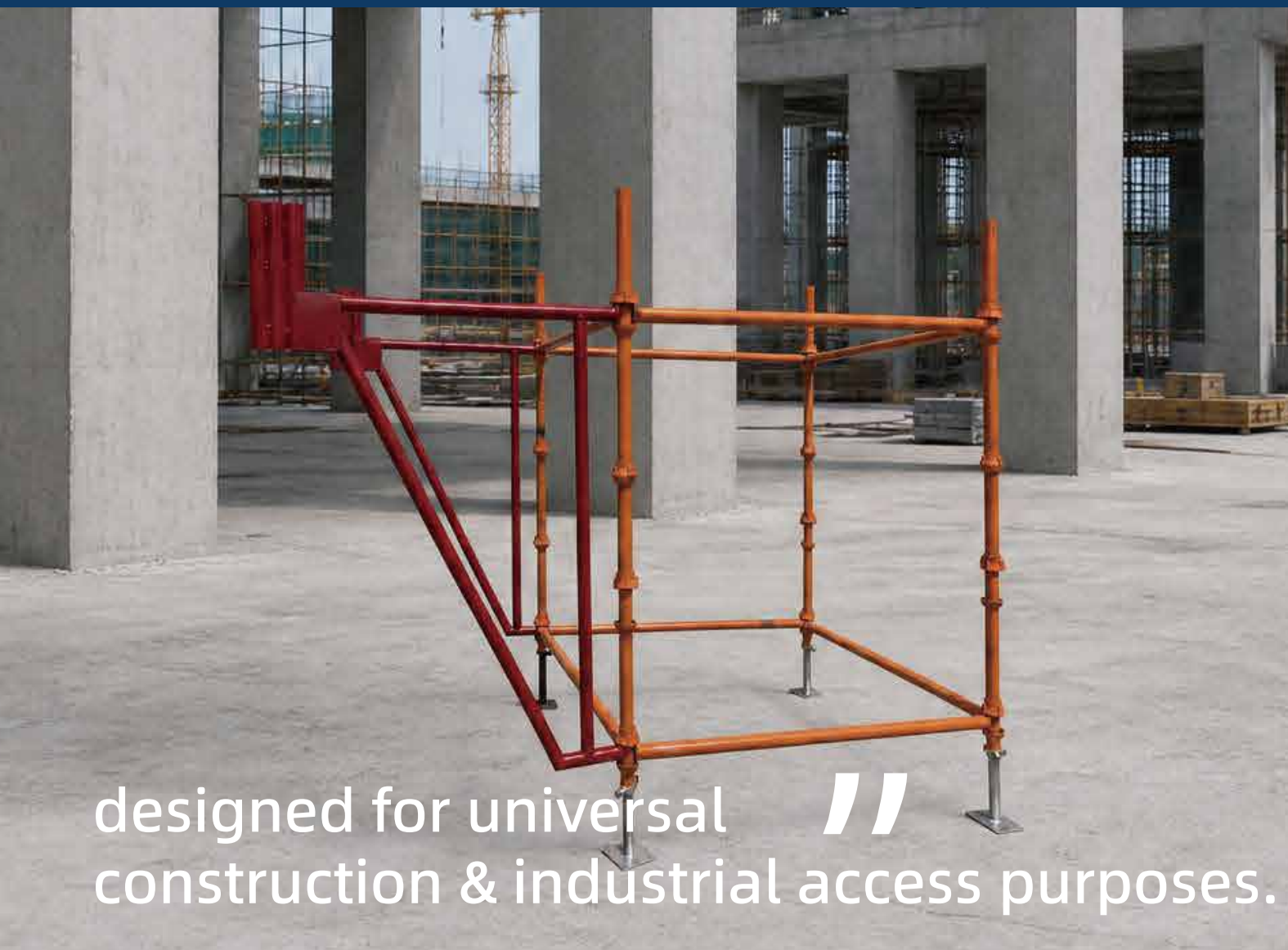
Its primary purpose is to reduce the span between supports, increasing the load-bearing capacity of the working platform and ensuring a rigid, bounce-free surface for workers and materials.



3.1.2

Steel Scaffolding System

CUPLOCK SCAFFOLDING SYSTEM

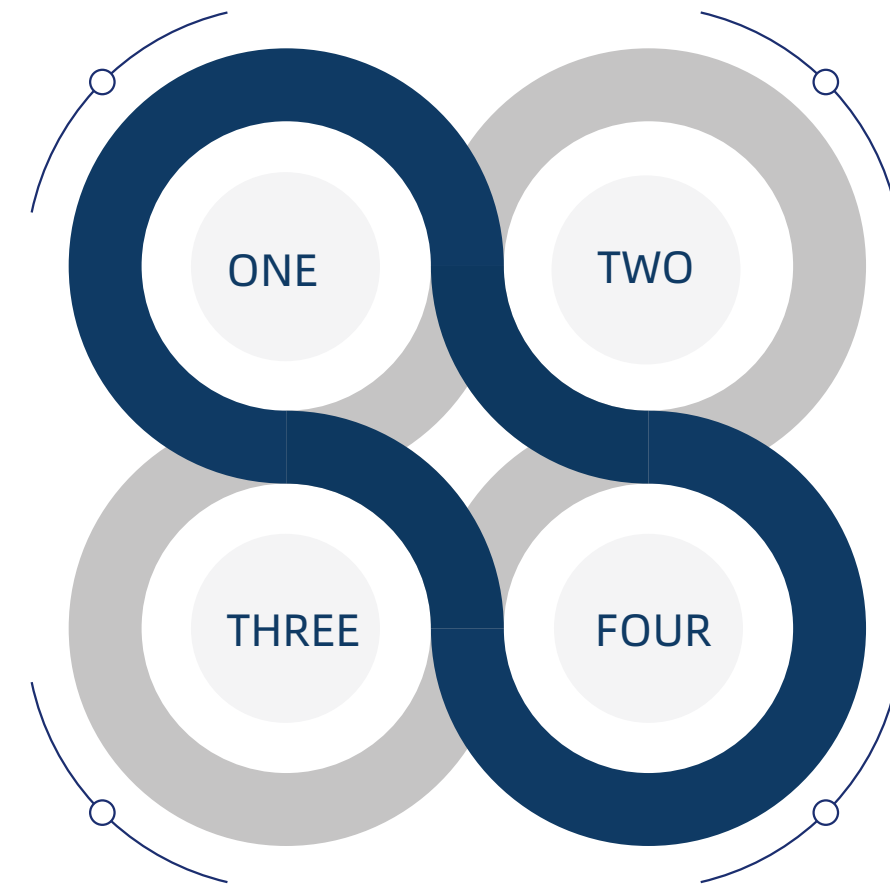


01

Cuplock Standard
(Vertical)

02

Cuplock Ledger
(Horizontal)



03

Cuplock Mid Transom

04

Cuplock Cantilever
Beam Frame

01 Cuplock Standards (Verticals)

Dimensional and Material Specifications:

Material Grade	High-Tensile Steel Tubing (Typically Q235 or Q355)
Outside Diameter (OD)	48.3 mm(Standard Scaffolding Tube)
Wall Thickness	3.2 mm (Standard) or 4.0 mm (Heavy-Duty)
Node Spacing (Cup Interval)	Welded at exactly 500 mm (0.5 m) centers
Standard Lengths Available	0.5m, 1.0m, 1.5m, 2.0m, 2.5m, 3.0m
Locking Mechanism	Welded lower fixed cup; captive sliding upper cup
Surface Finish / Protection	Hot-Dip Galvanized (HDG), Powder Coated, or Painted
Spigot (Joint Pin)	Integral or loose spigot for vertical stacking (150mm length)

Custom sizes are also available.



They deliver overall structural stability, vertical rigidity and safe load distribution

02 Cuplock Ledger (Horizontal)

Dimensional and Material Specifications:

Material Grade	High-Tensile Structural Steel (Typically Q235 or Q355)
Outside Diameter (OD)	48.3 mm(Standard Scaffolding Tube)
Wall Thickness	3.0 mm or 3.2 mm (Standard industry specification)
End Connectors	Precision drop-forged steel ledger blades (C-shaped ends)
Standard Lengths	0.6m, 0.9m, 1.0m, 1.2m, 1.3m, 1.5m, 1.8m, 2.0m, 2.5m, 3.0m
Locking Mechanism	Secures between the fixed lower cup and sliding upper cup of the standard
Surface Finish / Protection	Hot-Dip Galvanized (HDG), Powder Coated, or Painted

Custom sizes are also available.



Its primary purpose is to connect Cuplock Standards (verticals) firmly

03 Cuplock Mid Transom

Dimensional and Material Specifications:

Material Grade	High-Tensile Structural Steel (Typically Q235 or Q355)
Profile Type	48.3 mm O-Type tubular steel
Wall Thickness	3.0 mm or 3.2 mm
End Connectors	Welded jaw-shaped saddles (saddle hooks)
Standard Spanning Lengths	0.9m, 1.2m, 1.3m, 1.8m, 2.5m (Matches standard bay widths)
Installation Interface	Sits across and locks onto the parallel horizontal ledgers
Surface Finish /Protection	Hot-Dip Galvanized (HDG), Powder Coated, or Painted
Manufacturing Compliance	BS 1139, EN 12810, EN 12811 (or equivalent)

Custom sizes are also available.



it firmly locks into Cuplock vertical standards and horizontal ledgers

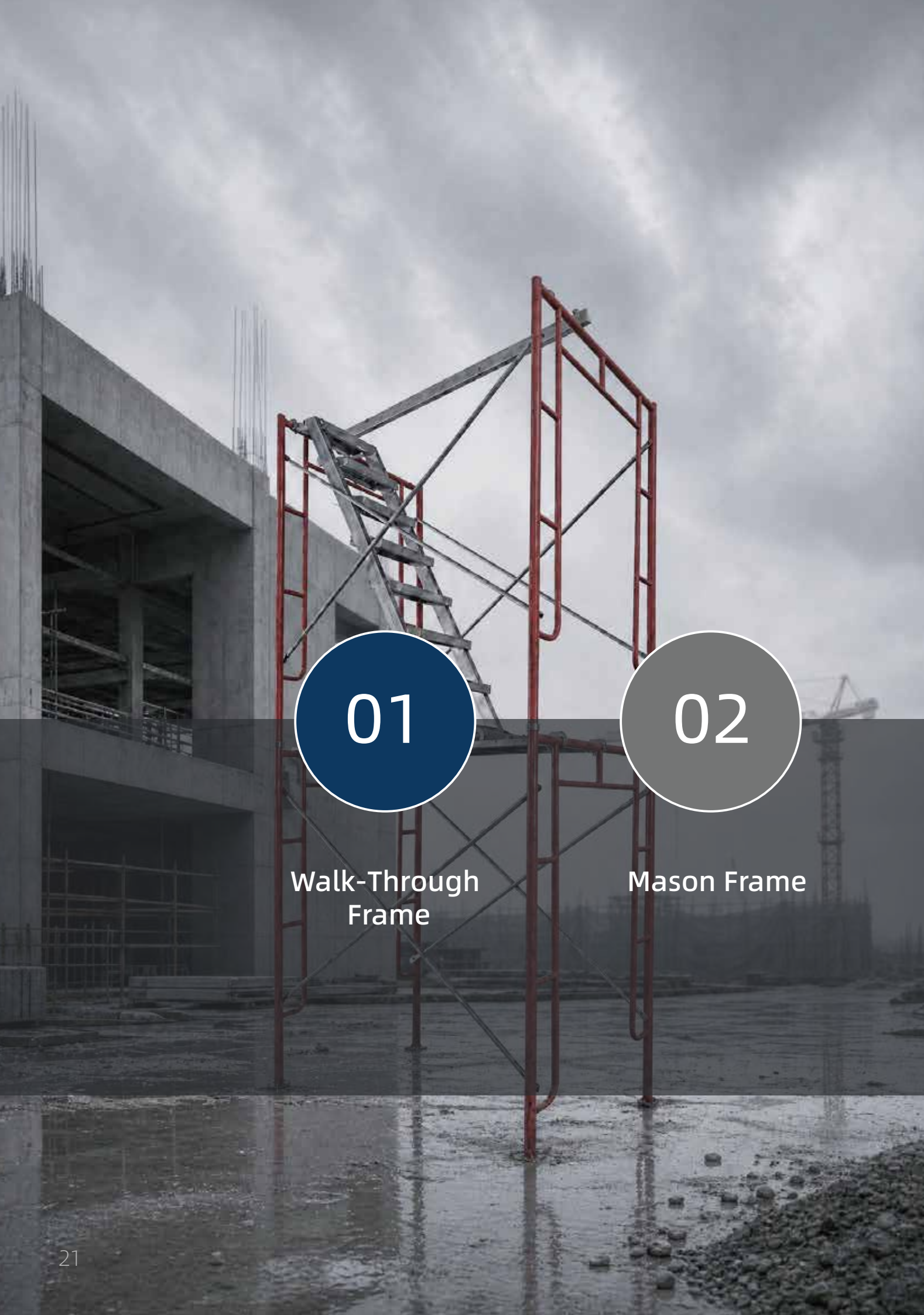
04 Cuplock Cantilever Beam Frame

Dimensional and Material Specifications:

Primary Material	High-Tensile Structural Steel (Typically Q235 or Q355)
Main Tube Outer Diameter	48.3 mm (Industry standard for compatibility)
Main Tube Wall Thickness	3.2 mm (Standard) to 4.0 mm (Heavy-duty)
Standard Extension Lengths	1.0 m, 1.2 m, 1.5 m (Custom sizes up to 2.0 m available)
Connectors	Precision drop-forged steel ledger blades (C-shaped ends)
Surface Finish/Treatment	Hot-Dip Galvanized (HDG) for severe environments, or Powder Coated / Painted
Manufacturing Compliance	BS 1139, EN 12810, EN 12811 (or equivalent)

Custom sizes are also available.





01

Walk-Through
Frame

02

Mason Frame

03

Italian Type
Frame Scaffolding

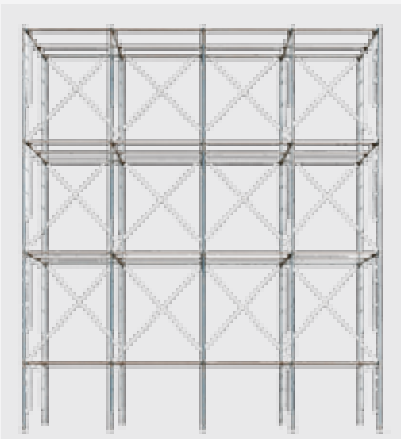
04

Single Box
Ladder Frame

05

N-Shaped
Main Frame

Steel Scaffolding System



3.1.3

FRAME

SCAFFOLDING SYSTEM

01

Walk-Through Frame



Dimensional and Material Specifications:

Product Category	Walk-Through Frame Scaffolding
Primary Material	Q195 / Q235 / Q355
Main Tube OD	42.7mm (1.68") / 48.3mm (1.90")
Wall Thickness	2.0mm - 3.2mm
Standard Width	914mm / 1219mm (3' / 4')
Standard Height	1829mm / 1930mm (6' / 6'4")
Locking System	Drop lock / Flip Lock / C-Lock / Slide Lock
Surface Treatment	Galvanized / Powder Coated or Painted

Custom sizes are also available.

02

Mason Frame (Ladder Frame / H-Frame)

Dimensional and Material Specifications:

System Classification	Mason Frame / Ladder Frame / H-Frame
Primary Material	Q195 / Q235 / Q355
Frame Type	Masonry Access (Built-in Rungs)
Main Tube Diameter	42.7mm (1.68") / 48.3mm (1.90")
Wall Thickness	2.0mm - 3.2mm
Standard Width	1524mm (5')
Standard Height	1524mm / 1930mm (5' / 6'4")
Locking System	Drop lock / Flip Lock / C-Lock / Slide Lock
Surface Treatment	Galvanized / Powder Coated or Painted

Custom sizes are also available.



03

Italian Type Frame Scaffolding

Dimensional and Material Specifications:

System Classification	Italian Type Frame Scaffolding
Frame Geometry	Portal (PE) or Bushed (B)
Main Tube Diameter	42.7mm (1.68") / 48.3mm (1.90")
Wall Thickness	2.0mm - 3.2mm
Standard Width	1050mm (3' 5")
Standard Height	2000mm (6' 7")
Span Lengths	1800mm(5' 11") / 2500mm(8' 2")
Surface Treatment	Galvanized / Powder Coated or Painted

Custom sizes are also available.

04

Single Box Ladder Frame (Narrow Frame)

Dimensional and Material Specifications:

Material Grade	Single Box Ladder Frame / Narrow Frame
Primary Material	Q195 / Q235 / Q355
Main Tube O.D.	42.7mm (1.68") / 48.3mm (1.90")
Wall Thickness	2.0mm - 3.2mm
Standard Width	737mm - 914mm (2.4' - 3')
Standard Height	1829mm (6')
Surface Treatment	Galvanized / Powder Coated or Painted

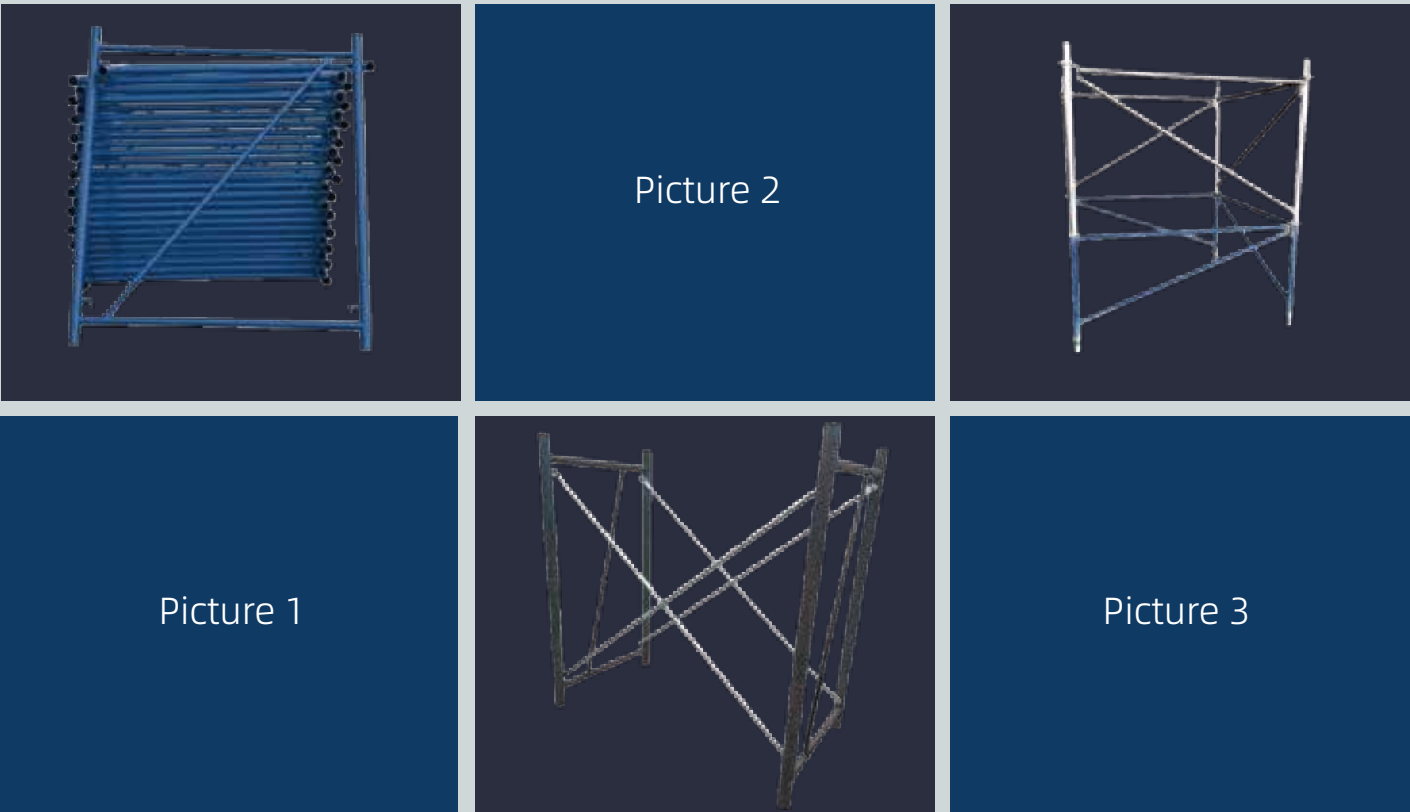
Custom sizes are also available.



N-Shaped Main Frame

N-Shaped Main Frame Scaffolding (frequently classified as H Type Shoring Frames, N-Shaped Formwork Shoring Frames, or Heavy-Duty N-Shaped Slab Formwork Frame Scaffold Tower) is a rigid, modular, and load-bearing temporary support system.

It is engineered primarily to transfer heavy vertical loads—such as poured concrete slabs and formwork beams—safely to the ground during structural construction.



Dimensional and Material Specifications:

Material Grade	High-Strength Carbon Steel (e.g., Q235, Q355)
Main Vertical Tube (OD)	Φ 42.7mm / Φ 48.3mm / Φ 60 mm
Main Tube Wall Thickness	2.0mm / 2.2mm / 2.5mm / 3.0mm / 4.0mm
Standard Widths (W)	914mm (3') / 1219mm (4') / 1524mm (5')
Standard Heights (H)	1219mm (4') / 1524mm (5') / 1930mm (6'4")
Surface Treatment	Dip Painted (Industrial Blue), Powder Coated, or Hot-Dip Galvanized

Custom sizes are also available.

3.2

Aluminum Scaffolding System

01

Aluminum Mobile Scaffold Tower

02

Aluminum Mobile Folding Scaffold

03

Aluminum Shoring Props

3.2.1 Aluminum Mobile Scaffold Tower



Product Type

Aluminum Mobile Scaffold Tower

Material

High-grade Aluminum Alloy(e.g., 6082-T6)

Length

1.8m / 2.5m

Width

0.85m / 1.45m

Max Working Height

2.2m ~ 12.2m

Platform Safe Working Load

275 kg per platform

Custom sizes are also available.

3.2.2 Aluminum Mobile Folding Scaffold

Dimensional and Material Specifications:

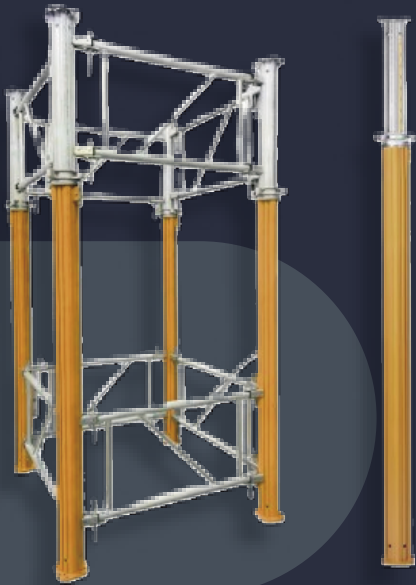
Product Type	Aluminum Mobile Folding Scaffold
Material	High-strength Aluminum Alloy (e.g., 6061-T6)
Overall Base Dimensions (L x W)	1.8 m x 0.7 m
Length	1.8 m
Width	0.7 m
Platform Height	1.0m / 1.9m / 2.9m / 3.9m / 4.9m / 5.9m
Safe Working Load (SWL)	275 kg per platform

Custom sizes are also available.



3.2.3 Aluminum Shoring Props

Custom sizes are also available.
Dimensional and
Material Specifications:



Main Material	Aviation-Grade Aluminum Alloy (e.g., 6082-T6)
Typical Height Ranges	0.8m - 1.2m / 1.45m - 2.5m / 1.95m - 3.5m / 2.6m - 4.8m / 4.3m - 6.25m
Adjustment Range	1.2m to 6.25m
Outer Tube Design	Powder-coated (Yellow) extruded profile with continuous mounting grooves
Inner Tube Design	Natural finish with integrated, full-length metric measuring scale
Adjustment Mechanism	Heavy-duty cast collar nut with a quick-release locking pin
Base/Head Plate	Included for enhanced stability and weight distribution
Compatibility	Fully compatible with the leading formwork systems

3.3

Accessories & Components

01

Scaffold Beams

02

Heavy Duty Steel Props

03

Couplers

04

Base Jack &
U-Head Jack

05

Scaffolding Plank

06

Frame Scaffolding
- Cross Brace

07

Scaffold Joint Pin

3.3.1 | Scaffold Beams



Dimensional and Material Specifications:

Product Category	Steel Scaffolding Unit Beam
Primary Material	High-Tensile Structural Steel (Typically Q235 or Q355)
Surface Treatment	Galvanized / Hot-Dip Galvanized (HDG)
Main Chord Outer Diameter (O.D.)	48.3 mm (Compatible with standard scaffolding couplers)

Main Chord Wall Thickness	3.2 mm / 4.0 mm
Beam Depth (Overall Height)	450 mm to 750 mm
Available Lengths	2.0m, 2.4m, 4.0m, 6.0m

Custom sizes are also available.

3.3.2 | Heavy Duty Steel Props



Dimensional and Material Specifications:

Product Category	Scaffolding & Formwork - Heavy Duty Adjustable Steel Props
Primary Material	High-Tensile Structural Steel (Typically Q235 or Q355)
Surface Treatment Options	Hot-Dip Galvanized / Galvanized / Powder Coated or Painted
Tube Diameter (O.D.)	40/48mm 48/56 mm 48/60 mm
Tube Wall Thickness	1.8 mm - 4.0 mm

Adjustable Height Range	1.8m - 3.2m / 2.0m - 3.6m / 2.2m - 4.0m / 3.0m - 5.0m
Base Plates	Base plate: 120x120mm / 150x150mm square steel plate, 4-6mm thick
Top Plates	Top plate: 120x120mm / 150x150mm square steel plate, with optional U-head / fork head for beam support

Custom sizes are also available.

3.3.3| Couplers



**DROP FORGED,
SWIVEL COUPLER**



**DROP FORGED,
RIGHT ANGLE
FIXED COUPLER
(DOUBLE)**



**DROP FORGED,
SWIVEL GIRDER
(BEAM) COUPLER
(SK)**



**DROP FORGED,
FIXED GIRDER (BEAM)
COUPLER (GRAVLOCK)**



**PRESSED OR
FORGED, PUTLOG
COUPLER
(SINGLE)**



**PRESSED OR
FORGED, BOARD
RETAINING
COUPLER (LIMPET)**



**PRESSED OR
FORGED, SLEEVE
COUPLER
(EXTERNAL)**



**PRESSED OR
FORGED, LADDER
FIXING CLAMP**



**DROP FORGED,
EXPANDING JOINT
PIN (SPIGOT)**



**SPARE BOLTS & NUTS
FOR ALL ABOVE**

Dimensional and Material Specifications:

Product Category	Scaffolding Components / Tube & Fitting Accessories
Compatible Tube Size (O.D.)	48.3 mm (Standard Scaffolding Tube)
Manufacturing Processes	Drop Forged / Pressed Steel
Primary Material	High-Strength Carbon Steel (Q235 or Q355)
Surface Treatment	Electro-Galvanized (Zinc-Plated) / Hot-Dip Galvanized (HDG)
Fastener Type	Standard Scaffolding T-Bolts and Flange Nuts (Replaceable)

Custom sizes are also available.

3.3.4 | Base Jack & U-Head Jack



Dimensional and Material Specifications

Specification Category	Base Jack	U-Head Jack
Unique End Fixture	Base Plate: 120mm x 120mm x 4mm or 150mm x 150mm x 5mm	U-Head Bracket (Fork): 150mm x 150mm x 50mm x 5mm
Primary Material	Q235 or Q355	
Stem Diameter	30mm, 32mm, 34mm, 38mm (Solid or Hollow)	
Stem Length	400mm, 500mm, 600mm, 800mm	
Nut Material	Drop-Forged Steel or Ductile Cast Iron	
Surface Treatment	Electro-Galvanized, Hot-Dip Galvanized (HDG), Painted	

Custom sizes are also available.



3.3.5 | Scaffolding Plank



Scaffolding steel plank (also known as a steel catwalk, walk board, or hook-on scaffold board) is a horizontal, load-bearing working platform designed specifically for H-frame and walk-through scaffold systems.



Unlike standard plain-ended boards, a frame scaffolding plank features heavy-duty welded end hooks that latch securely over the horizontal cross-tubes of the scaffold frames.



Manufactured from pre-galvanized steel with a perforated anti-slip surface, its primary function is to provide a safe, rigid walkway for personnel and materials while preventing accidental dislodgement during construction.

Dimensional and Material Specifications:

Custom sizes are also available.

Material Grade	Q195 or Q235
Common Lengths	1219mm (4ft), 1524mm (5ft), 1829mm (6ft), 2134mm (7ft)
Common Widths	210mm, 240mm, 250mm, 480mm
Profile Height (Thickness)	40mm, 45mm, 50mm
Steel Sheet Thickness	1.0mm, 1.2mm, 1.5mm, 1.8mm
Connection Mechanism	Heavy-Duty Welded End Hooks (Designed to latch over frame cross-tubes)
Surface Treatment	Pre-Galvanized



3.3.6| Frame Scaffolding - Cross Brace

Component Name	Scaffolding Cross Brace / X-Brace
Primary Material	Q195 / Q235 / Q355
Tube Diameter	25.4mm (1.0") / 32mm (1.25")
Wall Thickness	1.2mm / 1.5mm / 1.8mm
Horizontal Span	1829mm(6') / 2133mm(7') / 3048mm(10')
Vertical Stud Spacing	610mm (2') / 1219mm (4')
Connection Point	Punched Hole / Pressed Ends (Fits standard Frame Lock Pins)
Surface Treatment	Galvanized / Powder Coated or Painted



3.3.7| Scaffold Joint Pin

**Component Name**
Scaffold Joint Pin
/ Coupling Pin

**Primary Material**
Q235 / Q355

**Outer Diameter (OD)**
34mm, 35mm, 36mm

**Total Length**
210mm - 225mm
(approx. 9")

**Collar Type**
Round Collar

**Locking Hole**
12mm / 13mm Diameter

**Surface Treatment**
Galvanized / Powder
Coated or Painted

Custom sizes are
also available.

