



**GREATMEGA**  
SCAFFOLDING & CONTRACTING

**COMPANY PROFILE**



## Who We Are

Great Mega Contracting LLC is the UAE-based distribution arm of Great Mega Holding-Hongkong, a global industrial leader with a strategic operational hub in Hong Kong and a powerful manufacturing and export presence in India. By combining Hong Kong's world-class logistics and trade expertise with India's robust industrial engineering, we have established a premier trading house dedicated exclusively to the supply of high-grade scaffolding systems.

Our mission is to serve as a reliable bridge between global manufacturing excellence and the UAE's rapidly evolving construction and industrial landscape. We specialize in the trading and sale of comprehensive scaffolding components, ensuring that our clients have immediate access to equipment that meets the most stringent international safety and durability standards. Supported by the extensive resources and technical heritage of the CLN Energy Group, Great Mega Trading is committed to providing the Middle East with the structural foundation necessary for safe, efficient, and large-scale infrastructure development.

## Our Services



**Hire & Sales of  
Scaffolding Materials**



**Contract Scaffolding  
Erection & Dismantling**

# Scaffolding Contracts



Great Mega undertakes long terms as well as short term scaffolding contracts works which includes Design, Supply, Erection & Tag Certification of scaffolding for Industrial Plants, Construction Industries, Oil & Gas Industries. Our competent and certified scaffolders and engineers together help in ensures safety and design requirement at site. We deliver customized and prepackaged safety, quality services to various industries. With the right skill and expertise, we always give importance to the customer satisfaction

Our experienced project and engineering team will always assist the clients to identify the actual requirement of scaffoldings at the project site survey/visit. As we believe the safety and quality of scaffoldings are giving more importance by all the contractors/consultants we follow the BS en standards for our scaffolding materials and preparing the designs and calculations in line with the BS EN standards.



# Types Of Scaffolding



Scaffolding is a type of temporary structure that supports workers and or materials while other larger structures are being built, repaired or maintained. Scaffolding is made up of different frames and planks that are held in place by bolts or couplers. Depending on the purpose of the scaffolding, it can be made in different sizes and shapes.

There are many types of scaffolding, but the most commonly used in industries are;

- Independent Scaffolds
- Tower Scaffold Mobile
- Scaffold Birdcage Scaffold
- Suspended Scaffold
- Cantilever Scaffold

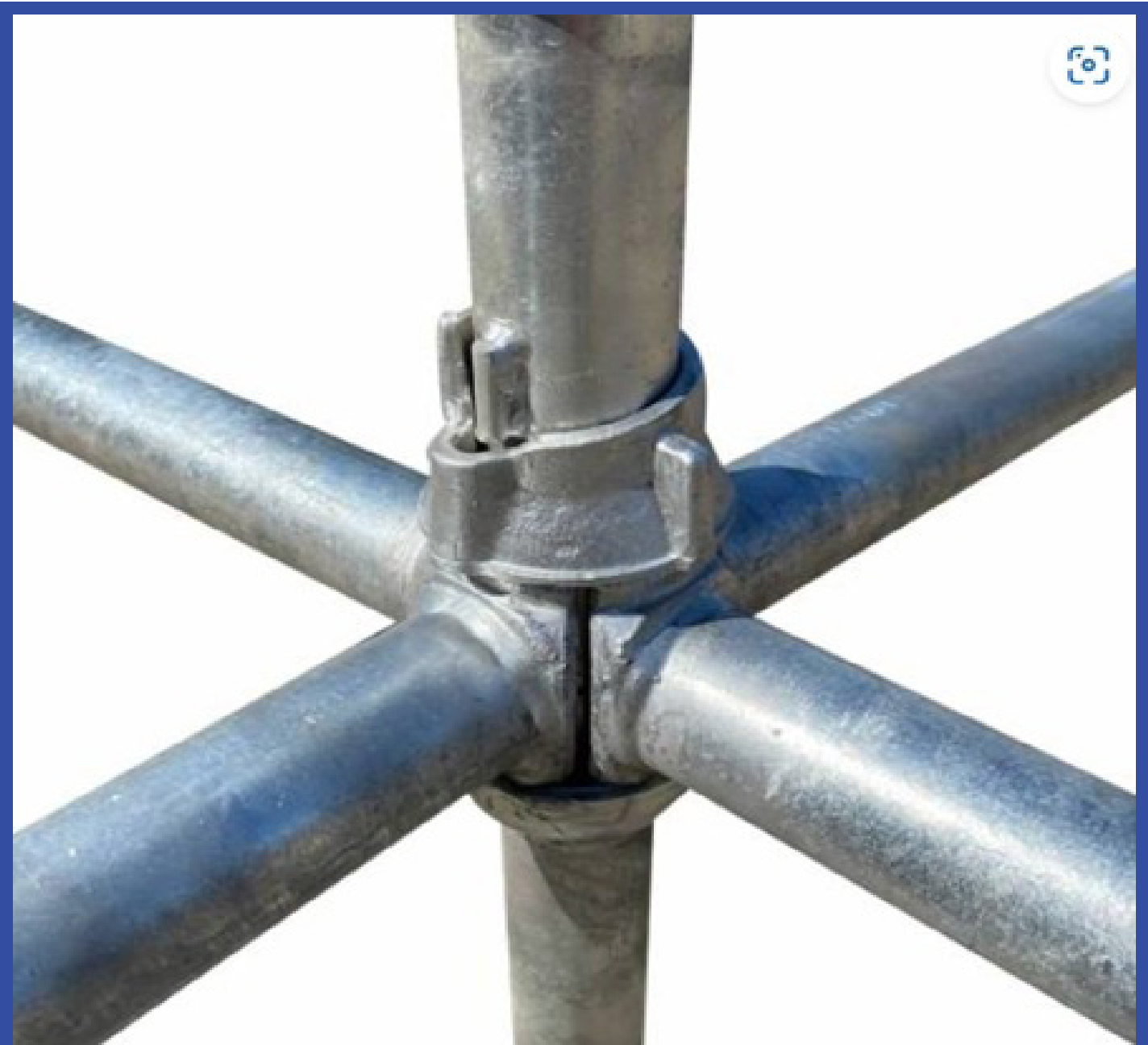


# Cuplock System



*Convenient to use, good bearing capacity, good stability, less chances of error.*

At the heart of the CUPLOCK system is its unique node point locking device. This enables up to four horizontals to be loosely but safely connected to the standard then locked into position with a single hammer blow. The system uses no loose clips, bolts or wedges. The locking device is formed by fixed lower cups, welded to the standards at 0.5m intervals, and sliding upper cups which drop over the blade ends of the horizontals and rotate to lock them firmly into place giving a positive, rigid connection. It is this revolutionary node point which makes CUPLOCK faster and simpler to erect than any other system scaffold. Once a CUPLOCK structure is 'based out' and levelled, subsequent lifts are automatically erected square and horizontal. The lack of loose components makes the system easy to use and exceptionally robust- it's painted/galvanised finish making it virtually immune to corrosion and damage.



# Tubes & Fittings Scaffolding



Inconvenient to use, low bearing capacity, low stability, difficult for storage. Scaffold couplers are essentially the fundamental component that is used to assemble tube-and-coupler scaffolding in which individual circular tubes serving as standards, braces or ties are joined together by means of purpose designed couplers.

All Scaffold Couplers' compliance to BS EN Standards.

This basic fitting that is designed to join two scaffold tubes can be used to create a diverse range of scaffolding structures or used as an accessory to pre-fabricated scaffolding systems. This manual includes basic types of scaffold couplers which join two tubes together as well as special couplers used to connect scaffold tube to other components, equipment, structures.



# Scaffolding Hire



Great Mega undertakes the Hire Jobs, Design, Supply, Inspection & Certification of access and formwork scaffoldings. We have a wide range of scaffolding materials stocks for the access & Formwork scaffoldings. Our goal is provide prompt and efficient services at very competitive price with out compromising on the quality of material. Our proactive approach and close communication with customers help us under their needs and concerns to serve them better. We stick to stringent delivery schedules to facilitate timely availability of necessary material on construction sites.



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# TUBE & COUPLERS

## Drop Forged Swivel Coupler

Applicable on tube size: 48mm Dia  
Component Weight : 1050 grams  
Material of bolt: Mild Steel  
Thread of bolt: 1/2"BSW  
Size of nut : 20.5 mm  
Hex Nut (Across Flat)  
Surface Finish : Cold Zinc Plated  
Application : used to connect two Scaffold tubes at any angle



## Single Coupler Forged

Applicable on tube size: 48mm Dia  
Component Weight : 550 grams  
Material of bolt: Mild Steel  
Thread of bolt: 1/2" BSW  
Size of nut: 20.5 mm  
Hex Nut (Across Flat)  
Surface Finish: Cold Zinc Plated  
Application: Used to connect Diagonal Brace on the Scaffold Structure



## Pressed Sheet Metal Swivel Coupler

Applicable on tube size: 48mm Dia  
Component Weight : 560 grams  
Material of bolt: Mild Steel  
Thread of bolt: 1/2"BSW  
Surface Finish : Cold Zinc Plated  
Application : used to connect two Scaffold tubes on beam



## Drop Forged Double Coupler (Right Angle Coupler)

Applicable on tube size: 48mm Dia  
Component Weight : 1025 grams  
Material of bolt: Mild Steel  
Thread of bolt: 1/2" BSW  
Size of nut: 20.5 mm Hex Nut (Across Flat)  
Hex Nut (Across Flat)  
Surface Finish: Cold Zinc Plated  
Application: Used to connect two Scaffold tubes at 90°



## Joint Pin Coupler (Sheet Metal)

Applicable on tube size: 48mm Dia  
Component Weight : 900 grams  
Material of bolt: Mild Steel  
Thread of bolt: 1/2" BSW  
Size of nut: 20.5 mm  
Hex Nut (Across Flat)  
Surface Finish: Cold Zinc Plated (Golden Colour)



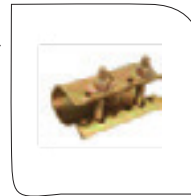
## Board Retaining Coupler (With Forged Cap)

Applicable on tube size: 48mm Dia  
Component Weight : 600 grams  
Material of bolt: Mild Steel  
Thread of bolt: 1/2" BSW  
Size of nut: 20.5 mm  
Hex Nut (Across Flat)  
Surface Finish: Cold Zinc Plated  
Application: Used to connect two Scaffold Boards with the Tubes



## Pressed Sheet Metal Steeve Coupler

Applicable on tube size: 48mm Dia  
Component Weight : 1150 grams  
Material of bolt: Mild Steel  
Thread of bolt: 1/2"BSW  
Size of nut: 20.5 mm  
Hex Nut (Across Flat)  
Surface Finish: Cold Zinc Plated (Golden Colour)  
Application: Used to extend Scaffold Tubes internally



## Girder Clamp

Applicable on tube size 48 mm Dia  
Material of bolt : Mild Steel  
Thread of bolt : 1/2" BSW  
Surface Finish: Cold Zinc Plated  
Application: Used to connect two Scaffold tubes on beam



## Putlog Coupler (With Forged Cap)

Applicable on tube size: 48mm Dia  
Component Weight : 700 grams  
Material of bolt: Mild Steel  
Thread of bolt: 1/2"BSW  
Size of nut: 20.5 mm  
Hex Nut (Across Flat)  
Surface Finish: Cold Zinc Plated  
Application: Used to connect two Scaffold tubes at 90°



## Pressed Sheet Metal Double Coupler

Applicable on tube size: 48mm Dia  
Component Weight : 760 grams  
Material of bolt: Mild Steel  
Thread of bolt: 1/2" BSW  
Size of nut: 20.5 mm  
Hex Nut (Across Flat)  
Surface Finish: Cold Zinc Plated (Golden Colour)  
Application: Used to connect two Scaffold tubes at 90°



## Swivel Girder Clamp

Applicable on tube size 48 mm Dia  
Material of bolt : Mild Steel  
Thread of bolt : 1/2" BSW  
Surface Finish: Cold Zinc Plated



## Scaffold Tube

Tube size: 48.30 mm Diameter, 6 meter in length and 3.25mm thickness  
Component Weight : 21.4Kg for 6 meter length  
Surface Finish: Self Finished (Black)/Hot Dip Galvanized  
Application: Is used to erect the scaffolding structure and for fabricating Cuplock system scaffolding/ Kwikstage system scaffolding



## Coupler T Bolt

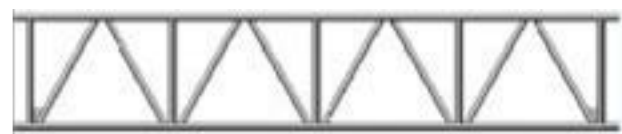
This is the component to repair the couplers



## SCAFFOLD BEAMS

### ALUMINIUM LATTICE BEAM

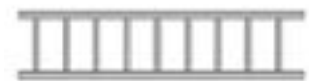
450mm deep Aluminium Beams are lightweight, high performance, high quality and can be used in all scaffold designs. Sizes 450mm deep beams in 3.1m, 4.1m, 5.1m, 6.1m and 8.1m lengths



ALUMINIUM-LATTICE-BEAM

### LADDER BEAM

Designed to provide a clear span between scaffolds, Steel ladder beams are 305mm deep and 305mm from centre to centre rung, manufactured to any length on request. All Ladder Beams conforms to BS1139



STEEL LADDER BEAM

### UNIT BEAM

Steel unit beam in 8'(2.44m) & 12'(3.66m) lengths gives clear spans where access is required. These beams can be connected using the inbuilt spigot and additional high tensile nuts and bolts. All Unit Beams conforms to BS1139.

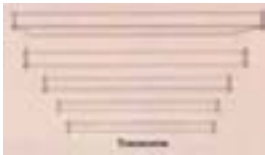


STEEL UNIT-BEAM

# CUPLOCK SYSTEMS

## Transoms

| LENGTH | MASS   |
|--------|--------|
| 2.44m  | 22.4kg |
| 1.83m  | 13.7kg |
| 1.27m  | 9.7kg  |
| 1.05m  | 7.9kg  |
| 0.61m  | 5.0kg  |



## Plane Base Plate

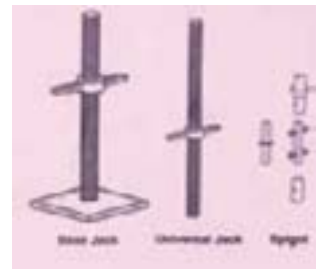
| SIZE         | DIMENSIONS          |
|--------------|---------------------|
| 3/4" x 100mm | 150mm x 150mm x 6mm |



## Base/Universal Jack

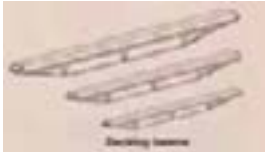
| SIZE  | CROSSSECTION |
|-------|--------------|
| 760mm | Hollow       |

| DIMENSIONS      |
|-----------------|
| 150mmx150mmx8mm |



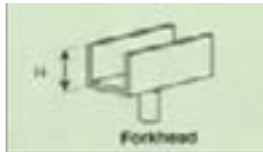
## Decking Beams

| SIZE                         |
|------------------------------|
| centre to centre of standard |
| 2.5m                         |
| 1.8m                         |
| 1.2m                         |



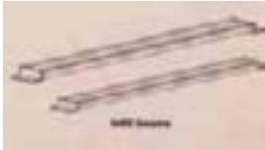
## Forkhead

|                           |                  |
|---------------------------|------------------|
| <b>TUBE SIZE</b>          | <b>THICKNESS</b> |
| 120mm                     | 3.25mm           |
| <b>H-DIMENSIONS</b>       |                  |
| 100mmx150mmX100x100x150mm |                  |



## Infill Beams

| SIZE |
|------|
| 1.2m |
| 0.9m |



## Cantilever Frame

| HEIGHT - H | THICKNESS |
|------------|-----------|
| 1.5m       | 3.25mm    |
| 1.0m       | 3.25mm    |



## Drophead

| WEIGHT |
|--------|
| 5.4 KG |



## Beam Bracket

| HEIGHT | THICKNESS |
|--------|-----------|
| 1.5m   | 3.25mm    |
| 1.0m   | 3.25mm    |



## Socket Adaptor

| SIZE  | THICKNESS | DIMENSIONS      |
|-------|-----------|-----------------|
| 150mm | 4mm       | 150mmx150mmx6mm |



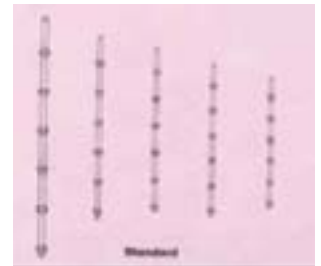
## Hop-up Bracket

STANDARD SIZE



## Standard

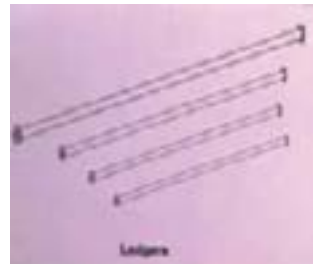
| SIZE | THICKNESS  |            |
|------|------------|------------|
|      | Light duty | Heavy duty |
| 3.0m | 3.25mm     | 4.0mm      |
| 2.5m | 3.25mm     | 4.0mm      |
| 2.0m | 3.25mm     | 4.0mm      |
| 1.5m | 3.25mm     | 4.0mm      |
| 1.0m | 3.25mm     | 4.0mm      |



## Ledgers

| SIZE                           | THICKNESS |
|--------------------------------|-----------|
| (CENTER TO CENTER OF STANDARD) |           |

|       |        |       |
|-------|--------|-------|
| 2.4mm | 3.25mm | 4.0mm |
| 1.8mm | 3.25mm | 4.0mm |
| 1.2mm | 3.25mm | 4.0mm |
| 0.7mm | 3.25mm | 4.0mm |



# LAYHER-RING LOCK SYSTEMS



# LIGHT WEIGHT H-FRAMES

## LIGHT DUTY FRAMES

- \* The system has built spigot and are light weight which allows faster assembly and dismissing
- \* No skilled labour required
- \* The frame has tubular brace for better rigidity

Different Light Duty Frames Available are:\

- Italian frame
- Single ladder frame
- Double ladder frame
- Beatty frame



# ALUMINUM & STEEL MOBILE TOWERS



For working at height in a safe, stable and comfortable manner, TIGER aluminium Mobile Towers single width and double width are available for short and long term rental & contract (supply, erection & Dismantling). We offer aluminum mobile towers from 1m to 15m working heights. TIGER Aluminium scaffolding system provides a strong & safe tower that meets all applicable occupational health and safety standards. Aluminum Mobile Towers are ideal for builders, painters, contractors, interior companies, Advertising companies, maintenance companies, plumbers, electricians etc.

**Note :** Follow the instruction Manual to erect the tower .



## ACCESSORIES

### FORM WORK ACCESSORIES



#### Universal Clamp

Applicable on tube size:  
48mm Dia  
Material of bolt: Mild Steel  
Thread of bolt: 1/2" BSW  
Size of nut: 20.5 mm  
Hex Nut (Across Flat)  
Surface Finish: Cold Zinc Plated



#### Counter Plate with Wing Nut

Applicable on tie rod size: 17mm  
Component Weight : 450 grams  
Surface Finish: Self finished/Cold Electro zinc plated  
Application: on tie rod



#### Timber Walling Clamp

Material : Mild Steel  
Thread of bolt: 1/2" BSW  
Size of nut: 20.5 mm  
Hex Nut (Across Flat)  
Surface Finish: Cold Zinc Plated



#### Rapid Clamp

Material : Casted iron  
used in 8 mm and 10 m steel bars



#### H 20 Beams Wooden

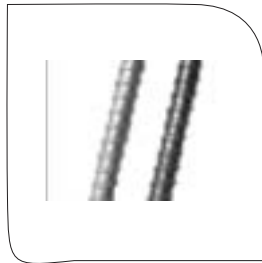
Height: 200 mm  
Used with Cup lock system and all other major system



#### Tie Rod Connector

Used for connect tie rod  
Size : 50 mm and 100 mm

# FORMWORK ACCESSORIES



## Tie Rod 16 to 32mm

Component Weight: 8.9 Kg for 6 meter length  
Surface Finish : Self Finished Size: 15/17mm dia  
Load: 90KN breaking load  
Available size : 0.5 Mtr. To Mtr.



## Wing Nut (for Tie Rod) 16 to 32mm)

Applicable on tie rod size: 17mm Dia  
Component Weight : 280 grams  
Surface Finish: Self finished/Cold Electro zinc plated  
Application: on tie rod



## PVC TYPE STEEL CONE /D CONE

Made from Low Carbon Steel with PVC Cove.  
The Safe Working Load is 90 KN. PVC Type Steel Cone manufacturer Threading is suitable for 15/17mm tie rod.  
The available length of 100mm.



## STEEL CONE

Made from Low Carbon Steel.  
The Safe Working Load is 90 KN. Steel Cone Exporter Threading is suitable for 15/17mm tie rod.  
The available lengths is 75mm and 100mm.



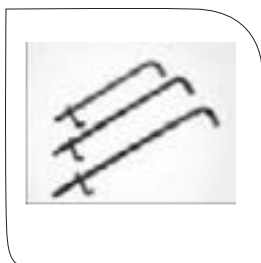
## Water Stopper

Casted, with PVC cap suitable for Tie rod 16mm



## Washer Plate

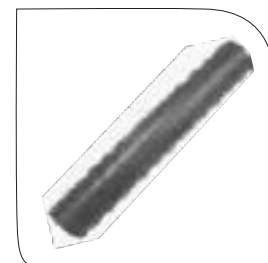
Applicable on tie rod size: 17mm Dia  
Thickness available: 5, 6, 8, 10 mm thick  
Surface Finish: Self finished/  
Cold Electro zinc plated  
Application: on tie rod



## Shuttering Clamp



## PVC Cone



## Tie Rod Sleeve Pipe

# SCAFFOLD BOARD



LVL BOARDS (Tiger)



SCAFFOLD BOARD (wooden)



SCAFFOLD ENDBAND



STEEL BOARD WITH HOOK



STEEL BOARD WITHOUT HOOK



FIRE RETARDANT SCAFFOLD BOARD

We are importing from, Austria, European, Union, China the Scaffold. Boards that strictly comply with the British Standard BS2482 : 2009 and OSHA standard

## AVAILABLE SIZES:

38mm\*225mm\*3.9m  
38mm\*225mm\*3.0m  
38mm\*225mm\*2.5m  
38mm\*225mm\*2m  
38mm\*225mm\*1.5m  
38mm\*225mm\*1m

# SCAFFOLD TOOLS & ANCILLARY



**Hammer**



**Gin Wheel 8" & 10"**



**Rope for Gin Wheel**



**Scaffolder's Spanner with lanyard Tiger (UK)**



**Scaffolding Ring Bolt**



**Ratchet Spanner**



**Pvc Coupler Cap**



**Measuring Tape & Hammer Pouch 02**



**Tool Wrist Lanyard**



**Scaffold Tool Belt DEK**



**Scaffolders Belt HD Tiger**



**Tool Bag - Tiger**



**Full Body Harness**



**Scaffold Spanner**



**Ladder Tag & Micro Tag**



**Inspection Tag -Safety Tag**



**Safety Rebar Cap - Mushroom & Drum type**



**Tube & Fittings End Cap**



**Tredda Plate - Base Plate Pad**



**Tube protection Sleeves**



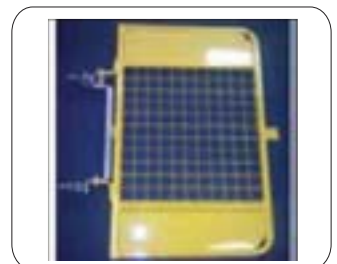
**Measuring Tape**



**Scaffolding Spirit Level with Magnate (Tiger) - 10"**



**Tool Lifting bag 30 & 50 kg**



**Scaffolding Spring Gate Auto**

## SCAFFOLD CASTER WHEELS



Caster Wheel Heavy  
Duty Dual Type - **Rexello**



Caster Wheel Heavy  
Duty Pipe Type



Caster Wheel Heavy  
Duty Rod Type



Aluminum Tower Wheel Adjustable



Caster Wheel for Aluminum Tower



Revvo scaffolding wheels UK

## LADDERS & ACCESSORIES / LOWER HEIGHT ACCESS

Aluminum-Folding-  
Ladder-



Aluminum-Podium-  
Scaffolding



Aluminum Platform -Ladder



Timber Pole Ladder  
(Haydock-UK Origin)



Rolling-Warehouse-  
Aluminum-Ladder



Fiber Glass  
Ladder



Steel ladder



Two-Way-  
Aluminum-Ladder



Ladder Clamp



Ladder Clamp (Size: 48.3mm)  
Safely and securely clamps a  
ladder to a scaffold tube.  
Used in Pares ensure that a  
ladder cannot slip or lean.

# SCAFFOLD MANUFACTURERS ACCESSORIES



## Round washer for Round spigot

Size : 38 mm dia pipe  
Finish : GI and MS  
Thickness : 2.5mm



## Round washer for Square Spigot

Size : 31 mm x 31 mm SHS  
Finish : GI and MS  
Thickness : 2.5 mm



## Prop Sleeve

Application: For Light/Heavy duty Props system component  
Weight: 1 kg to 2 kg  
Pipe thickness : 3mm/4mm



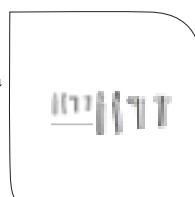
## Pressed Sheet Metal Bottom Cup

Applicable on tube size : 48 mm Dia  
Component Weight : 200 grms  
Surface Finish: Self finished  
Application: Cuplock Scaffold system component welded at the vertical pipe to hoist horizontal (pipe) Ledger



## Drop Forged Jack Nut

Applicable on tube size : 48 mm Dia  
Component Weight : 440 grms  
Surface Finish: Self finished/Cold Zinc Plated  
Application: Base jack nut used to level the jack



## Snap Lock

Size : 12mm dia / 18 mm dia  
Used for Light Weight / Heavy duty frames



## Malleable Cast Iron Top Cup

Applicable on tube size: 48mm Dia  
Component Weight : 425 grams  
Surface Finish: Self Finished  
Application: Cuploc Scaffold system component used to tighten the horizontal Ledger



## Drop Forged Ledger Blade End

Applicable on tube size: 48mm Dia  
Component Weight : 210-215 grams  
Surface Finish: Self Finished  
welded at the end of horizontal (pipe) Ledger



## D Pin

Size : 12mm dia  
Used for Light Weight Heavy duty frames



## Prop Nut



## Drop head wedge plate



## Locking Pins

## PROPS & PUSH/PULL PROPS



## Adjustable Steel Props



## Steel scaffolding prop u head

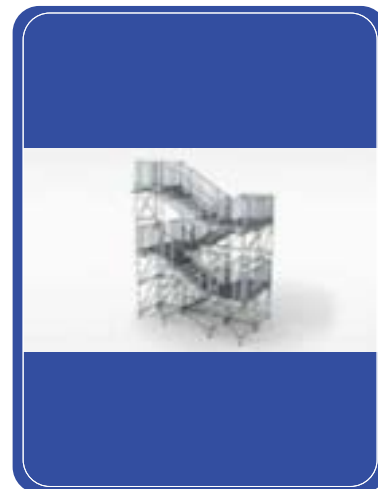


## Prop U Head



## PUSH/PULL PROPS

## STAIRCASE SYSTEM







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