



مشغل الوحدة للحدادة و اللحام
AL WAHDA STEEL AND WELDING WORKSHOP

OVER 25 YEARS IN SCAFFOLDING WORLD

COMPANY PROFILE

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- OUR CORPORATE PHILOSIPHY
- OUR STRENGTH
- OUR PRODUCTS



BRIFE INTRODUCTION

We offer services with material of high standard undisputed quality with competitive rates. Our aim is to become prominent as major player in the field of scaffolding. We at AL WAHDA STEEL AND WELDING WORKSHOP believe in quality and service which are two most important aspects to build confidence and create long term business relationship. We have two segments in our business:

Sales

We sell various used scaffolding materials which includes standards, ledgers, steel Towers, Ladders etc...

Rentals

We rent-out all used scaffolding materials on weekly/Monthly basis which includes of Light weight H-Frame access scaffolding system, Heavy duty cup-lock system scaffolding, Ladder & Ladder accessories, Pipes and clamps. These scaffolding rental are used to support in construction site. These are available in different dimensions and sizes. This scaffolding rental can be customized as per the Clients specific requirements. These scaffolding rental are highly demanded in the market due to its features such as durability and faster performance. We supply a wide range of Scaffolding Rental Services which find extensive applications in construction such as building.

Scaffolding maintenance

We provide scaffolding maintenance service, which includes welding, panting and all types of repairs required.

Metal Scrap

We also buy and sell all kind of metal scrap.

OUR Mission

We would like to introduce ourselves as one of the recognized company in Middle east supplying all items of scaffolding to all companies keeping in mind the increasing importance of development and related sector within the country.



Since 1993

OUR CORPORATE PHILOSOPHY

- To supply quality at best possible price and achieve total customer satisfaction.
- Constant monitoring of our strengths and weaknesses.
- Keep abreast of diversifying markets.

Our accomplishment is through our commitment to forming a partnership with our customers and employees in providing a higher standard of service.



Since 1993

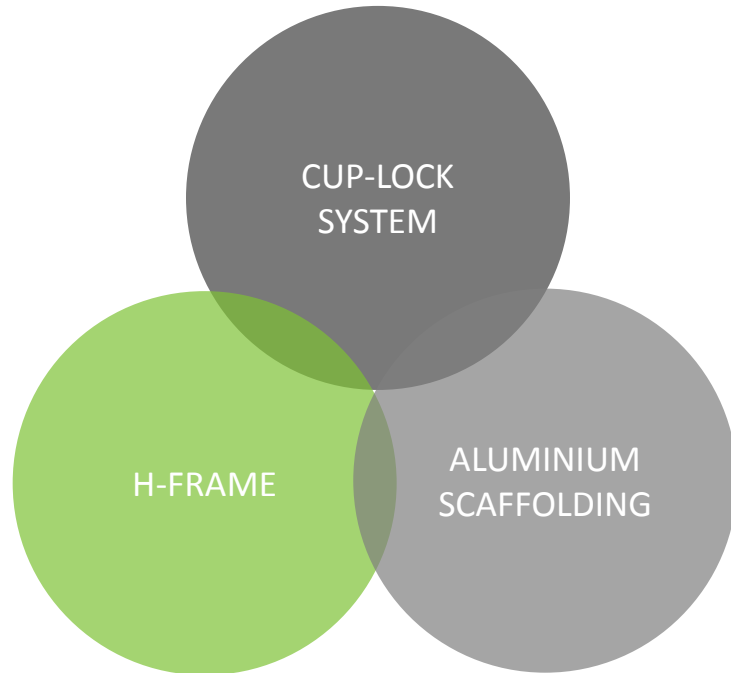
STRENGTHS

Located in Ajman which is an ideal hub for the Global world trade? It has smooth access to four major parts in the United Arab Emirates. An extremely efficient international road network connects Ajman to neighboring countries and beyond to Europe. Together it all adds up to an unrivalled land and sea transportation network for getting our goods to markets worldwide.

AL WAHDA STEEL benefits from a number of advantages, including an economical wage structure, easy access to skilled workforce and support by local government.

These advantages make it possible for us to offer our customers the most competitive prices while maintaining the highest standards in quality, delivery and services.

OUR PRODUCTS

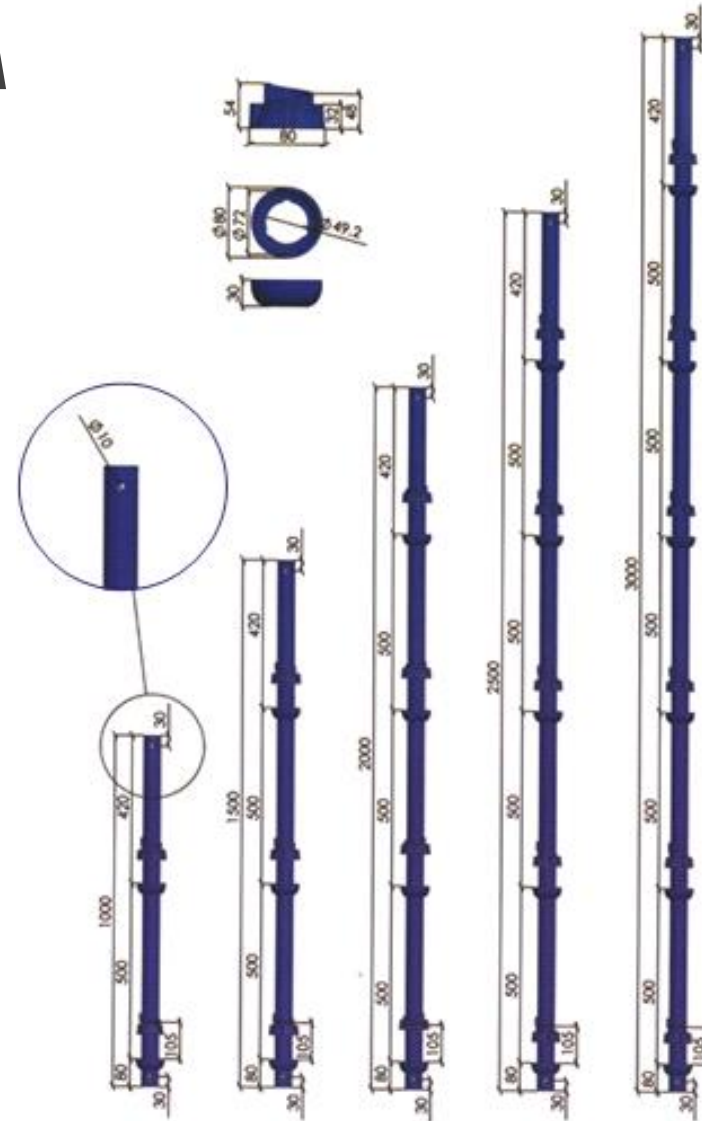


- Cup lock Scaffolding System
- Jacks
- Plate & Spigot
- Frame & Bracket
- Drop Head & Adaptor
- Infill Beams & Decking Beams
- Prop Jack System
- Frame System
- Tube & Coupler System
- Accessories

CUP LOCK SCAFFOLDING SYSTEM

CUP LOCK STANDARDS

- Cup lock Standards are introduced in five basic sizes (1000 mm ,1500 mm ,2000 mm ,2500 mm ,and 3000mm) lengths.
- Cup lock Standards are manufactures from 48.3 mm O.D. Tube with 3mm and 3.2mm thickness
- The lower cups are welded to standard at 500mm intervals.
- The upper cups (movable cups) are used to locking up to 4 ledgers at one node.
- The lowest bottom cup is welded at 80mm from the bottom end of the standard and the highest bottom cup is welded at 420 from the upper end of the standard

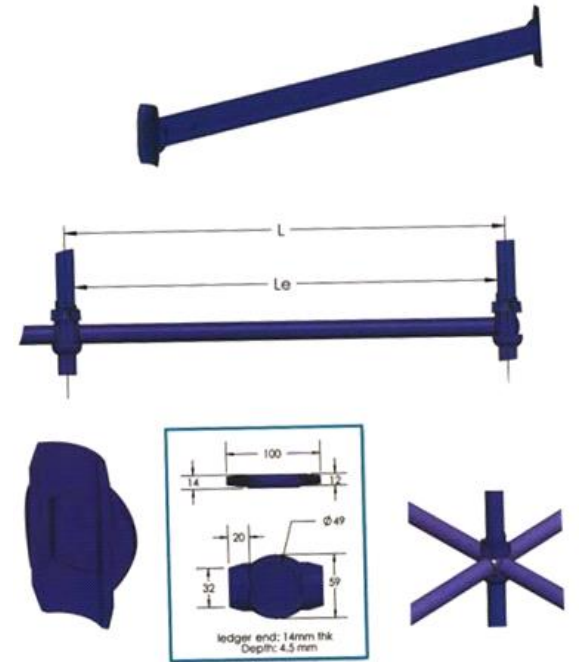


No.	Products	Weight (KG)
1	Cuplock Standard ,1000 Mm ,Thk 3mm	4.59
2	Cuplock Standard, 1500 Mm, Thk 3mm	6.70
3	Cuplock Standard, 2000 Mm, Thk 3mm	9.18
4	Cuplock Standard, 2500 Mm, Thk 3mm	11.15
5	Cuplock Standard, 3000 Mm, Thk 3mm	13.4

CUP LOCK LEDGER

- Cuplock ledgers are used as the main horizontal connecting members for Cuplock
- Cuplock ledgers are manufactured from 48.3 mm O.D. Tube with 3mm and 3.2mm thickness
- Cuplock ledgers ends are formed with circular profile and welded to ledger tube.
- Cuplock ledger ends meet with the bottom cup of the standard and locked in place by the upper cup. (Corresponding lock)

No.	Products	Length		Weight (KG)
		Normal	Actual	
1	Cuplock Ledger, 600 mm, Thk 3mm	600	551.7	2.35
2	Cuplock Ledger, 900 mm, Thk 3mm	900	851.7	3.00
3	Cuplock Ledger, 1000 mm, Thk 3mm	1000	951.7	3.50
4	Cuplock Ledger, 1200 mm, Thk 3mm	1200	1151.7	4.05
5	Cuplock Ledger, 1250 mm, Thk 3m	1250	1201.7	4.35
6	Cuplock Ledger, 1300 mm, Thk 3mm	1300	1251.7	5.05
7	Cuplock Ledger, 1600 mm, Thk 3mm	1600	1551.7	6.05
8	Cuplock Ledger, 1800 mm, Thk 3mm	1800	1751.7	6.80
9	Cuplock Ledger, 2500 mm, Thk 3mm	2500	2451.7	8.30
10	Cuplock Ledger, 3000 mm, Thk 3mm	3000	2951.7	9.72

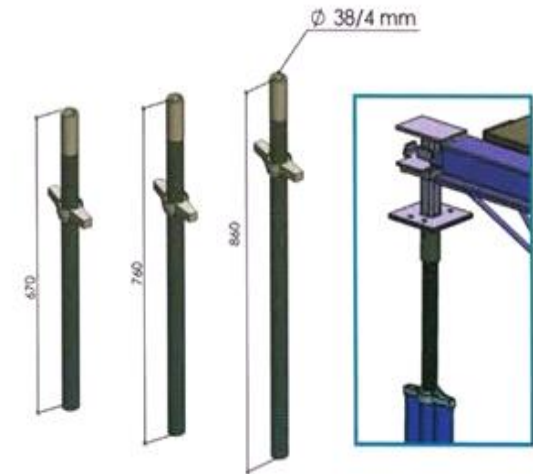


JACKS

Adjustable Universal Jack

- Adjustable Universal Jacks are made of a screw jack and steel handle
- Adjustable Universal Jacks are available in one type (Hollow)
- Adjustable Universal Jacks are inserted into the top of the cuplock standards.
- Adjustable Universal Jacks are providing method of adjustment of Cuplock structure by the adapter

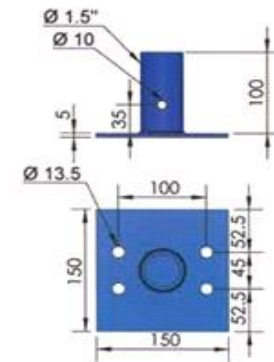
No.	Products	Weight (KG)
1	Adjustable Universal Jack Hollow 670 mm	3.54
2	Adjustable Universal Jack Hollow 760 mm	3.85
3	Adjustable Universal Jack Hollow 860 mm	4.20



Adaptor

The adaptor is used in combination with the Adjustable Universal Jack and is drilled to permit the insertion of a securing bolt if required

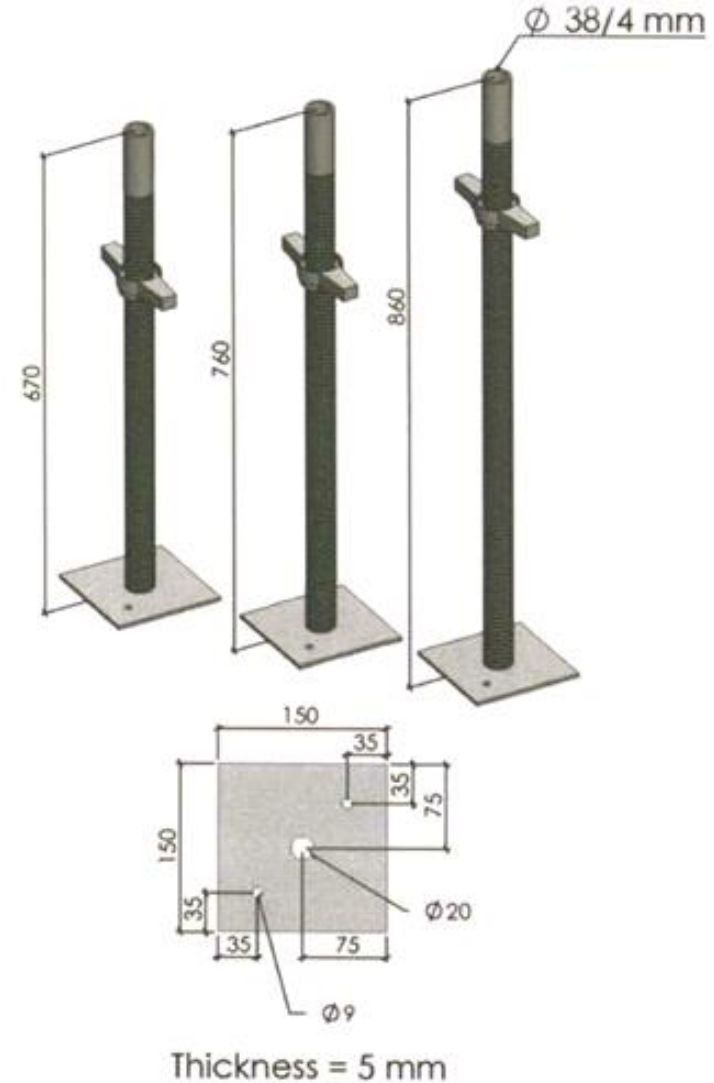
No.	Products	Weight (KG)
1	Adaptor	1.25



JACKS

Adjustable Base Jack

- Adjustable Base Jacks are made of steel plate screw jack and steel handle
- Adjustable Base Jacks are available in one type (Hollow)
- Adjustable Base Jacks provide method of adjustment for Cuplock structure. It fits into the Cuplock Standard



	Product	Weight (Kg)
1	Adjustable Base Jack Hollow Type A 670 mm	3.54
2	Adjustable Base Jack Hollow Type A 760 mm	3.85
3	Adjustable Base Jack Hollow Type A 860 mm	4.20

JACKS

Adjustable U-Head Jack

- Adjustable U-Head jacks are made of a U shapes steel plate, screw jack and steel handle.
- Adjustable U-Head jacks are available in one type (Hollow)
- Adjustable U-Head jacks are providing support for primary beams (traditional timber, steel, H20 beam and aluminum beam)
- Adjustable U-Head jacks are inserted into the top of the Cuplock Standards.

	Product	Weight (Kg)
1	Adjustable Universal Jack Hollow 670 Mm, 6mm U-head Thk 5	5.05
2	Adjustable Universal Jack Hollow 760 Mm, 6mm U-head Thk	5.82
3	Adjustable Universal Jack Hollow 860 Mm, 6mm U-head Thk	6.58

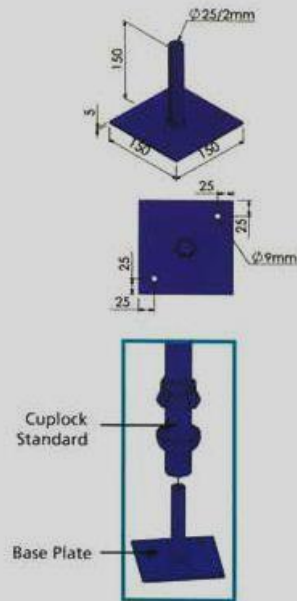
	Product	Weight (Kg)
1	Adjustable Universal Jack Hollow 670 Mm, 8mm U-head Thk 5	6.00
2	Adjustable Universal Jack Hollow 760 Mm, 8mm U-head Thk	6.30
3	Adjustable Universal Jack Hollow 860 Mm, 8mm U-head Thk	6.60



PLATE & SPIGOT

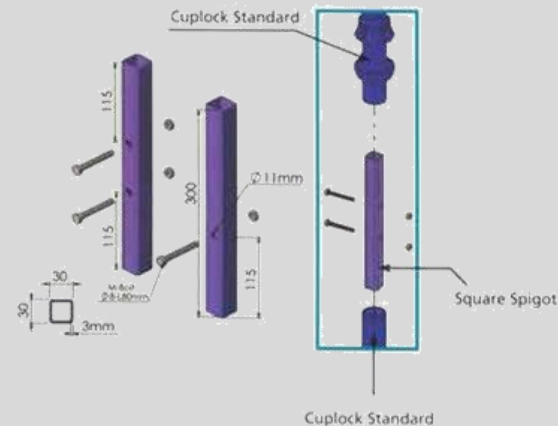
Base Plate provides a flat support for Cuplock structure.

- Base Plate uses as simple support for Cuplock structure in case of no need adjusting level.



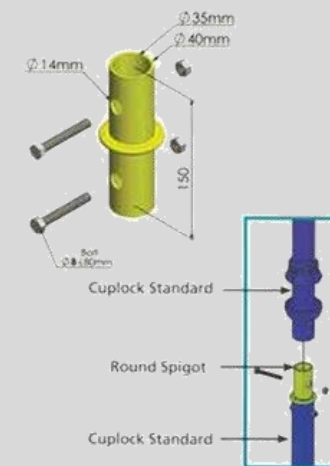
Base Plate

Used to join one Cuplock Standard to another coaxially. Bolt is placed transversely through the spigot and Cuplock Standard to prevent the spigot from pulling out of standard.



Square Spigot

- Used to join one Cuplock Standard to another coaxially
- Bolt placed transversely through the Spigot and Cuplock
- Standard in case of lifting the Cuplock structure
- In case of no lifting for Cuplock structure; do not need to use bolts.



Round Spigot

PLATE & SPIGOT (Cont'd)

Square Spigot

Used to join one Cuplock Standard to another coaxially. Bolt is placed transversely through the spigot and Cuplock Standard to prevent the spigot from pulling out of standard.

No.	Product	Weight (Kg)
1	Square Spigot One Hole C/w	0.93
2	Square Spigot Two Holes C/w	0.90
3	Square Spigot One Hole	0.73
4	Square Spigot Two Holes	0.70
5	Bolt 0 8 L 80	0.20

Round Spigot

- Used to join one Cuplock Standard to another coaxially
- Bolt placed transversely through the Spigot and Cuplock
- Standard in case of lifting the Cuplock structure
- In case of no lifting for Cuplock structure; do not need to use bolts.

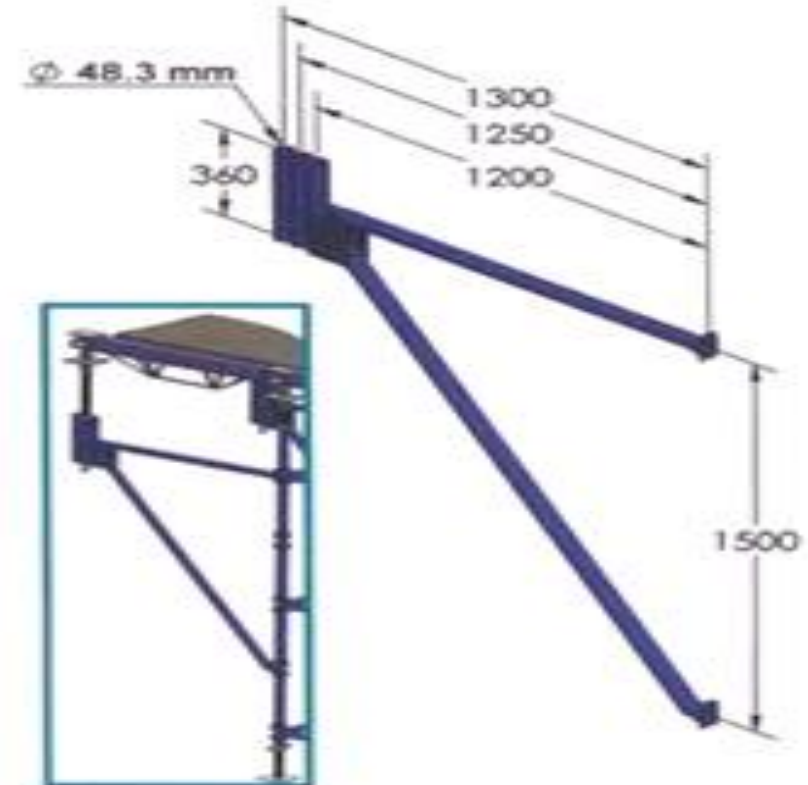
No.	Product	Weight (Kg)
1	Round Spigot c/w 0	0.62
2	Round Spigot c/w	0.42
3	2 Bolt 0 8 L 80 0	0.20

FRAME & BRACKET

Cantilever Frame

- Used to provide vertical support for decking beams or
- formwork at edge of slab.
- Cantilever frame has two blade ends connected to standard
- Cantilever Frame accepts Jacks in three position, suitable for dimension of 1200mm, 1250mm and 1300mm.

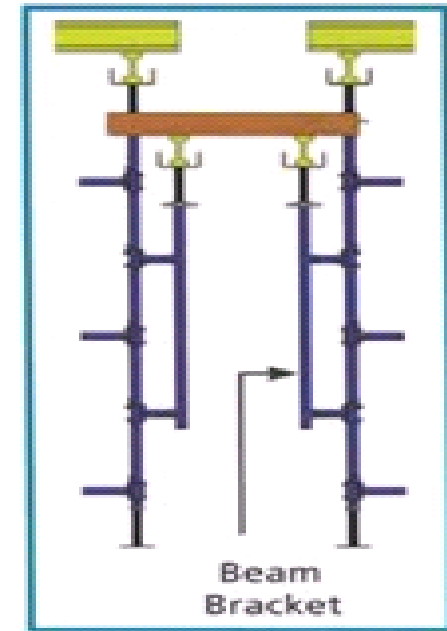
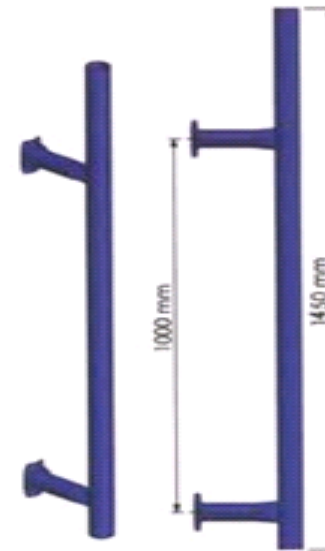
No.	Product	Weight (Kg)
1	Cantilever Frame	16.20



Beam Bracket

- To provide vertical support for internal
- beams of slab and transfer the applied load to Cuplock Standard.
- Beam Bracket has two blade ends connected to standard

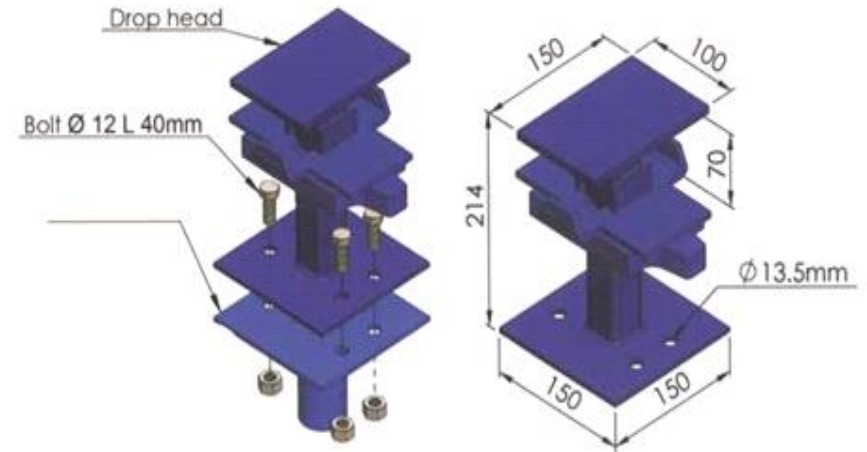
No.	Product	Weight (Kg)
1	Beam Bracket	16.20



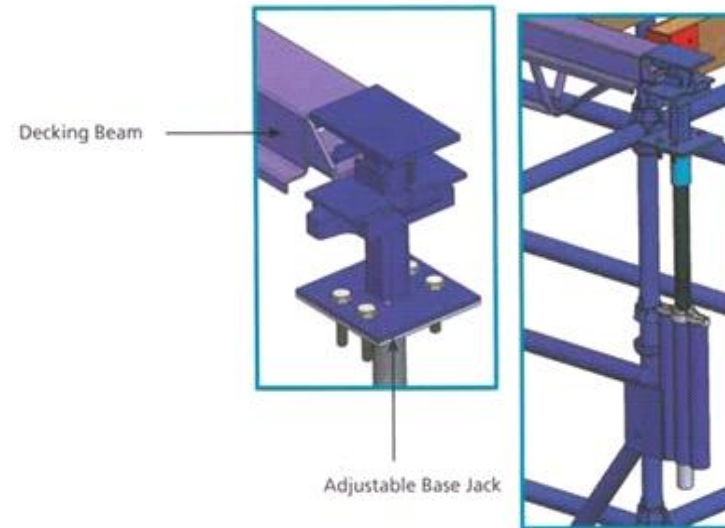
DROP HEAD & ADAPTOR

Drop Head

- Drop Head is supported on Cuplock structure.
- Drop Head provides striking technique for Cuplock structure.
- Drop Head provides support for Decking beams.



No.	Product	Weight (Kg)
1	Drop Head With Adaptor c/w	6.55
2	Drop Head c/w	5.3
3	Adaptor	4.9
4	Bolt Ø 12 L 40	1.25

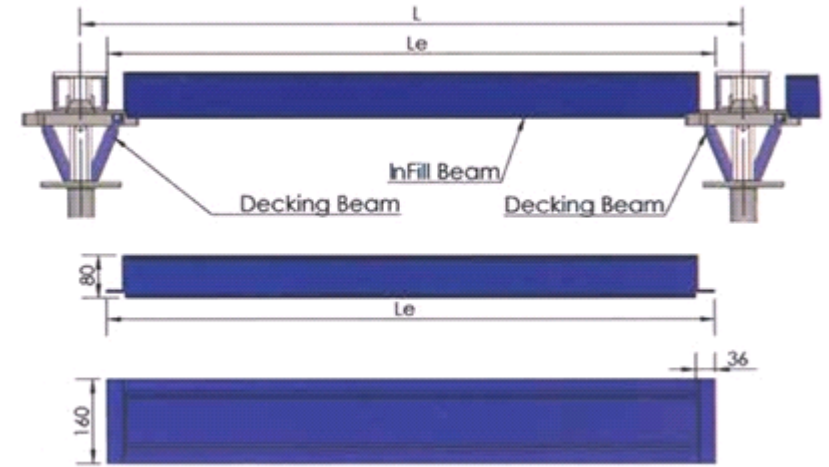
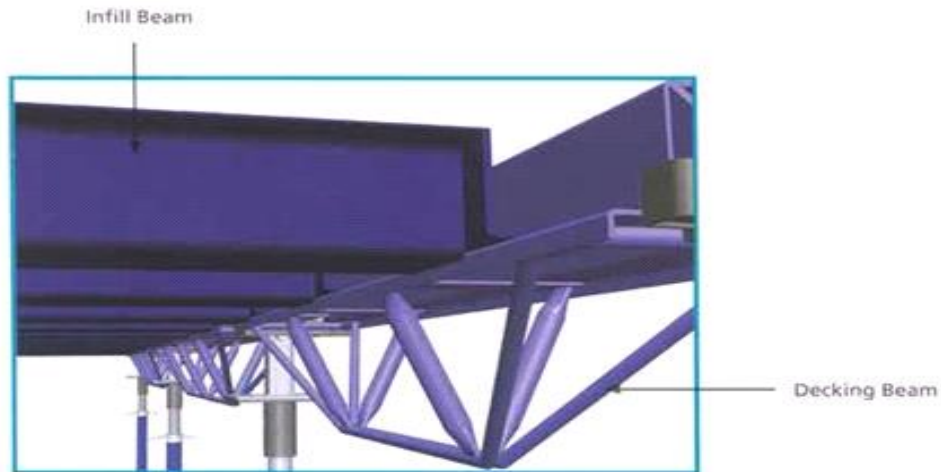


INFILL BEAMS AND DECKING BEAMS

Infill Beams:-

- Infill beams span between Decking Beams to provide skeletal support for plywood
- Infill Beams available in four sizes 1000mm, 1250mm, 1600 and 1800mm.

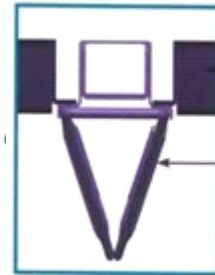
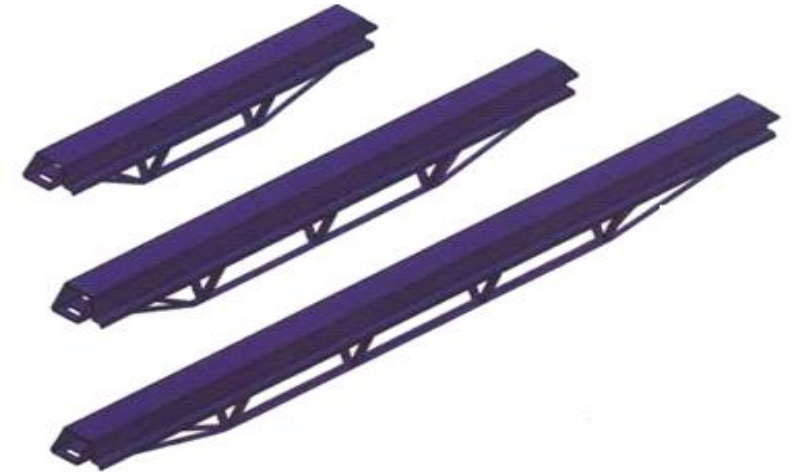
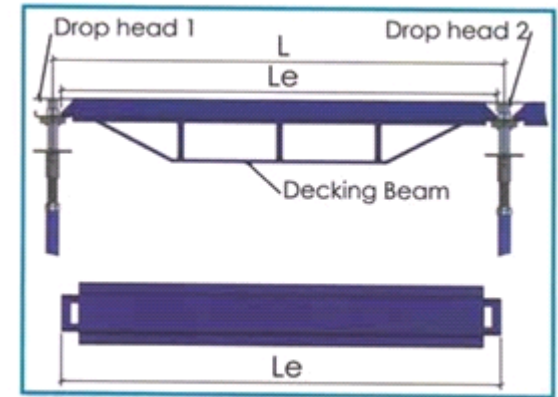
No.	Product	Weight (Kg)
1	Infill Beam 1000mm	4.95
2	Infill Beam 1250mm	5.95
3	Infill Beam 1600mm	7.9
4	Infill Beam 1800mm	8.75



Decking Beams

- Decking Beams including 100mm wide top flange which provide support for infill beams
- Decking Beams are available in three sizes 1200mm, 1800mm, and 2500mm.
- Decking Beams span between Dropheads and run in one direction only.

No.	Product	Weight (Kg)
1	Decking Beam 1200mm	14
2	Decking Beam 1800mm	21
3	Decking Beam 2500mm	29



Prop Jack System

The main components of the system are Plywood, H20 Timber Girders, Telescopic Props and other steel accessories. Telescopic props (columns) are used as formwork carrier elements in floor and beam formwork applications. These props which are very easy to mounting, dismounting and height adjustment purposes are produced for height adjustments of 3 m, 3.5 m, 4 m, 4.5 m and 5 m as standard. Telescopic props comprises of two main parts like inner and outer pi pes. Outer pi pes are produced from 60*3 or 60*2.5 mm black pi pes while inner pi pes are made of again black pi pes of 48*3 or 48*2.5 mm in size. We can produce different size and thickness of the steel.

Efficiently convenient to built residents, commercial and industrial facilities, shopping malls etc. preferably for the projects having relatively lower levels and irregular column-wall layout.

Advantages

- Easily used under any irregular shaped slab.
- Provides cost, time and labor economy as being easy to- assemble, heavy duty
- Props can be adjusted to work at different heights.
- Parts of the system has high transport efficiency and weight capacity and are very easy to setup

Light Duty Prop Jack System

We have gained years of experience in the manufacturing of Prop Jack Light Duty, these products are made by the guidance of the professional and hard work of the workers with each other in coordination by using the well-equipped machinery and tools.

Features:-

- Rigid construction
- Corrosion resistance
- High performance

Specifications:-

- Tube size : 60. 3 mm dia
- Length : As per requirement
- Nut : Malleable casting & drop forged



Heavy Duty Prop Jack System

Some jobs call for the big guns. Heavy duty propping equipment is the right choice for supporting and propping heavy loads. All of our high load systems are flexible and easy to assemble on site. You get custom solutions for your heavy duty prop needs with off-the-shelf components.

This modular, high load structural shoring system supports up to 490 kips on a single prop, which means you can use fewer props per project. Because the system features adjustable head and base units that can be hydraulically preloaded using standard jack units, it's more flexible than heavy-duty propping equipment and can be used for vertical, horizontal, bridge jacking or raking.

Advantages

- Easily used under any irregular shaped slab.
- Provides cost, time and labor economy as being easy to assemble, heavy duty
- Props can be adjusted to work at different heights.
- Parts of the system have high transport efficiency and weight capacity and are very easy to setup

Features

- Rigid construction
- Corrosion resistance
- High performance

Specifications

- Tube size : 60.3 mm dia
- Length : As per requirement
- Nut : Malleable casting & drop forged



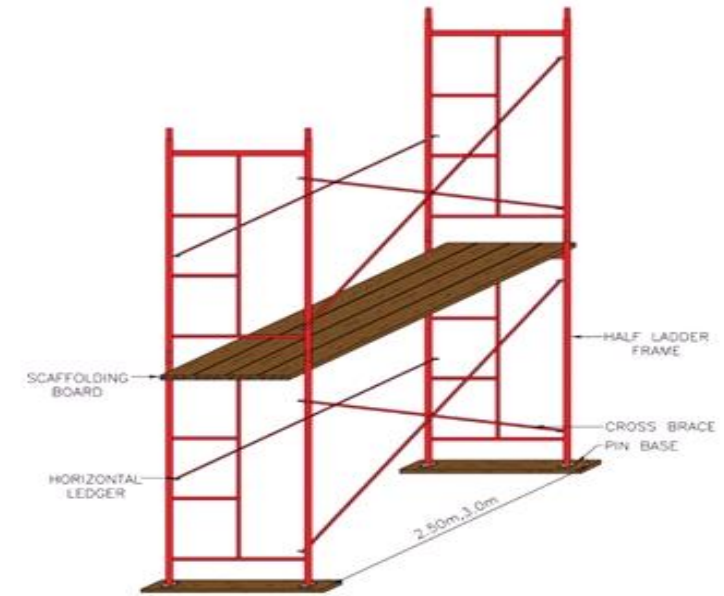
Frame System

Italian Frame

A very versatile access system, the Half Ladder frame, made of 48.3mm steel tubes, provides economical solutions to a host of Access requirements. With no loose fittings they are simple to erect & dismantle.

Dimensions as follows:- 2.0m High X 1.0m Wide.

They are placed 3.0m apart horizontally and the cross braces along with a horizontal brace are fixed ensuring a Steady working platform. It must be ensured that the base of the scaffold is level and that the frames are erected perfectly. The system must be tied back to the Building for safety & stability and in instances where the application is on buildings higher than 20m the base of the system need to be tied together. The Cross & Horizontal braces are made of 27mm Diameter Tubes.



Tube & Coupler System

GI Scaffolding Tubes

Today, steel scaffolding tubes has completely replaced conventional timber & bamboo tubes due to their several advantages like excellent load carrying capacity and high strength. Scaffolding Tubes have their own importance in the construction industry; these tubes are primarily used for giving support to the workers engaged in building & construction jobs. Galvanized steel that is known for its long term corrosion resistance feature. Depending on the load condition, we offer both light or heavy scaffolding tubes to our clients. Although the standard size of scaffolding tube is 48.3 mm outside diameter and 3.2 mm wall thickness, we can also configure the size as per our clients special requirements.

Couplers

Relying on our great expertise, we have earned numerous accolades from our clients as one of the most prominent manufacturers of Scaffolding Couplers. There are wide varieties of couplers available in our stock, each of them are fabricated from tubing connected by coupling devices. Scaffold couplers are considered as the fundamental component that is used to assemble tube-and-coupler scaffolding. We make sure that we use only high grade steel for construction, so that the Scaffolding Couplers can be used where heavy loads need to be carried, or where multiple platforms must reach several stories high. Our wide range of couplers is versatile in their designing that enables them to be assembled in multiple directions in a variety of settings. In our range of Scaffolding Couplers, we have:



Swivel Coupler

At our end, we manufacture a wide gamut of various scaffolding couplers that are in huge demand at both national as well as international market place. Out of all the couplers, swivel couplers have proved to be the most cost effective couplers to be used in erecting scaffolds. This type of coupler is an ideal choice for joining scaffold tubes at any angle with less movement.

Advantages

- Cost effective
- Prevents system shock
- Reduce downtime and maintenance
- Easily aligned with other system components
- Easy mobility

Applications

These Swivel Couplers are used for:

- Connecting scaffold tubes at any angle
- Connecting bracing members
- Tension splicing of scaffold tubes



Fixed Coupler

Among our entire stock of Scaffolding Couplers, fixed couplers are highly reckoned in market due to their wide usage at construction sites. This type of coupler is specially manufactured in order to connect two tubes at right angles. With the use of only quality tested materials for manufacturing these couplers, we assure our clients with the superior quality range of fixed couplers. All these couplers are very firm and provide structural strength to the frame. There is no need of drilling, nuts and wedges to construct scaffolds when there is fixed couplers that allow quick mounting and dismounting of scaffold. All the couplers are wisely manufactured at our state of the art unit under the strict supervision of senior most professionals who have immense knowledge about the industry and the products. Our wide range of fixed couplers is available in varieties of sizes so as to be compatible with all type of scaffolds.



Advantages

- No risk of losing any part
- Very simple and quick to mount and dismount
- Due fixed angles, no movement of the scaffold
- Ensure stable scaffold
- Corrosion resistant surface

Applications

Used to construct Scaffold



Accessories

Scaffolding Fitting

Scaffold couplers are essentially the fundamental component that is used to assemble tube-and-coupler scaffold. This basic fitting is designed to join two scaffold tubes that can be used to create a diverse range of scaffolding structures.

Forged Double Coupler	Forged Swivel Coupler	Pressed Double Coupler	Pressed Swivel Coupler
			
External sleeve Coupler	Forged putlog Coupler	Gravlock girder clamp	
			

Some Of Our Customers



Faisal Al Shemmari Bldg. Cont.

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