

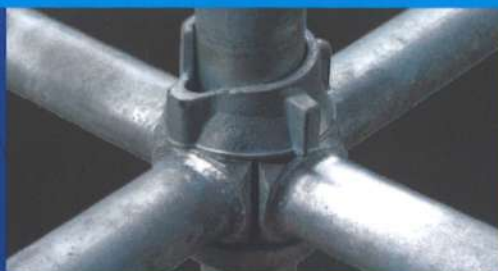


MCE

ALMISBAH GROUP

ALMISBAH CONSTRUCTION EQUIPMENT

ALMISBAH SCAFFOLDING | ALMISBAH FENCING | ALMISBAH EQUIPMENT





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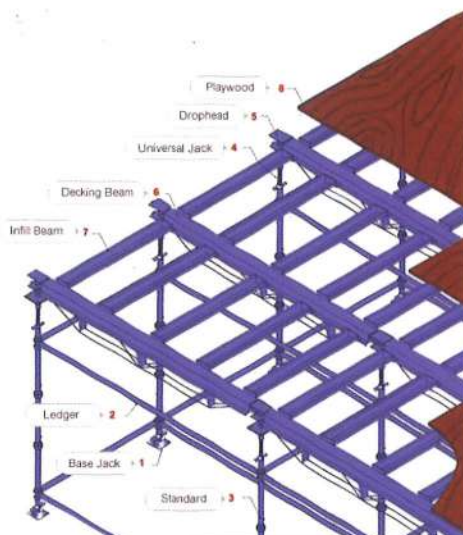
ALMISBAH CONSTRUCTION EQUIPMENT

Decking System

An Advance Access Systems

This Decking system is ideally suited for construction of reinforced concrete suspended slabs, with plywood shuttering, and incorporates the benefits of early striking. Large grid sizes of up to 2.5X1.8m ensures speedy erection and different sizes of primary and secondary beams can give a range of twelve support modules. Notching of plywood over the dropheads is eliminated and standard size of plywood can be used.

	Item Description
1	Base Jack
2	Ledger
3	Standard
4	Universal Jack
5	Drop Head & Socket Adapter
6	Decking Beam
7	Infill Beam
8	18 mm Plywood



Infill Beam

Code	Size (m) Center to Center of	Weight (kg)
IB01	1.7	8.70
IB02	1.5	7.70
IB03	1.2	6.30
IB04	1.1	5.90
IB05	0.9	5.00
IB06	0.8	4.50
IB07	0.5	3.20

Drop Heads

The quick action drophead supplied complete with bolts is designed to fit the standard adaptors for Cuplocks scaffolding. The drophead allows the beams, infills and panel to be lowered by a single hammer stroke. The wedge is specially constructed to ensure repeated strokes of the hammer.



Decking Beam

	Size (m)	
DB1	2.5	25.70
DB2	1.8	19.32
DB3	1.2	13.35



Cuplock System
Infill Beam



Cuplock System
Decking Beam

Auxiliary Components

Universal Jack

Universal Jacks allow differences in height to be maintained. The base jacks like the universal jacks are either hollow or solid with deep threads. Easy adjustments can be made with the universal jacks special spindles.

Code	Size (m)	Weight (kg)	Dimension (mm)
UJ	0.75	Hollow	2.96

Adjustable Base Jack

Code	Size (m)	Cross Sections	Weight (kg)
BJ	0.65	Hollow	3.35
BJ	0.65	Solid	5.33



Drop Forged Jack
Handle (38mm)



Drop Forged Jack
Handle (48mm)

Rectangular
Spigot Connector



Round Spigot

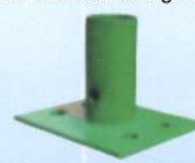


Base Plate

The base plate is used at the bottom of a standard to give the necessary spread of load ensuring complete stability.



Base Plate



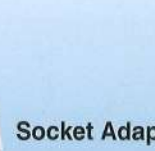
Fixed Base Plate
(SOCKET TYPE)



Wedge Plate
(Drop Forged)



Base Plate



Socket Adapter



Code	Size (m)	Weight (kg)	Dimension (mm)
SA	0.12	0.43	15X15X6



Drop Forged
Ledger End



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Cup Lock System

An Advance Access Systems

Cup Lock system is one of the most efficient supporting systems. The system provides simplicity, versatility and economical. It has a unique code point connection which enables the system to be erected at a faster rate than other scaffolding systems, and is also faster at striking and dismantling. A limited number of components are required, therefore there are no loose parts to get lost and no time is wasted in lining-up the vertical and horizontal.

Cuplock Standard (Vertical)

Basic features of Cuplock Standards are:

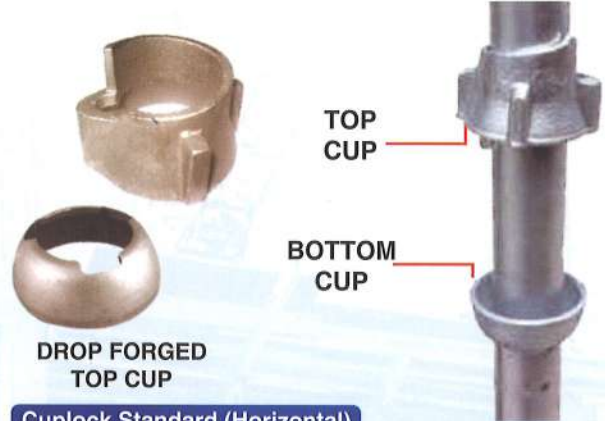
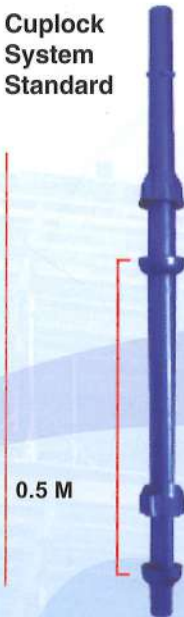
Welded Bottom Cup are pressed from high quality steel and captive mobile Top Cups made out of malleable casting provide firm grip to Ledger Blades making the connection rigid and to endure rough site handling. Access standards are provided with integral 150mm. Long spigots

STANDARD

Code	Size (m)	Weight (kg)
S01	3.0	16.50
S02	2.8	16.00
S03	2.7	15.00
S04	2.5	13.70
S05	2.3	13.00
S06	2.0	11.00
S07	1.8	10.50
S08	1.5	8.50
S09	1.3	8.00
S10	1.0	5.50
S11	0.8	4.50
S12	0.7	4.00
S13	0.5	3.50

** Special Sizes on Request.

Cuplock System Standard



DROP FORGED TOP CUP

TOP CUP

BOTTOM CUP

Cuplock Standard (Horizontal)

Basic features of Cuplock Ledgers are: Minimum projection of blades avoids damages in handling and uniform dimension makes the cup joint rigid.

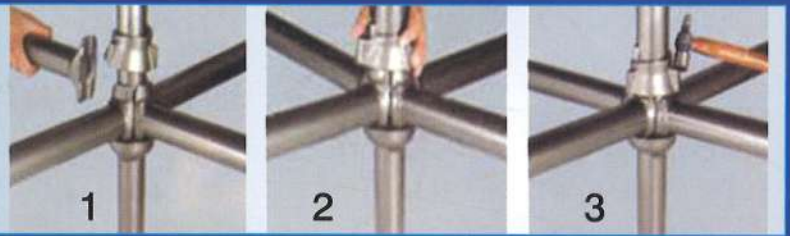


Cuplock System Ledger

LEDGER

Code	Size (m) Center to Center of	Weight (kg)
S01	2.5	8.40
S02	1.8	6.10
S03	1.6	5.50
S04	1.3	4.50
S05	1.2	4.20
S06	1.0	3.50
S07	0.9	3.20
S08	0.6	2.20

** Special Sizes on Request.



1. Locate the blade end of ledgers into bottom cup

2. Drop down the top cup and rotate

3. Tighten with a hammer



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Props

Adjustable Props are economical and popular instruments used to support the concrete elements. They provide the best temporary supports for all purposes, They are:

- Economical to hire or buy
- Easier and quicker in erection
- Provide safe load supporting

The most important part of the props are the threaded portion called the Collar. The Collars include a high tensile steel pin. Both were designed to be rust-free and easy to adjust.

Props are manufactured in two categories

- Medium Duty Props (2.0 mm thickness, inner and outer tube)
- Heavy Duty Props (3.1 mm thickness, inner and outer tube)

All props can be manufactured in any size on demand, and the rocking top and bottom plate are also available in any size.

A. Heavy Duty Props

Code	Scrow (Threaded Tube) L/O/D/t (mm)	Outer Tube L/O. D/t (mm)	Inner Tube L/O. D/t (mm)	Height of Use (mm)		Permissible Load (kg)		Weight Approx (kg)
				Min.	Max	Closed	Extended	
PA 07	220/60.3/3.2	1500/60.3/3.1	2500/48.3/3.1	1750	3000	2328	2000	14.6
PA 06	220/60.3/3.2	1500/60.3/3.1	2000/48.3/3.1	2000	3500	1175	1125	16.4
PA 05	220/60.3/3.2	1500/60.3/3.1	2500/48.3/3.1	2500	4000	1188	938	18.1
PA 04	220/60.3/3.2	1500/60.3/3.1	3000/48.3/3.1	2500	4500	1019	738	20.0
PA 03	220/60.3/3.2	2000/60.3/3.1	3000/48.3/3.1	3000	5000	915	688	22.4

Note: 1) L= Length of the Element
2) O.D= Outer Diameter
3) t= Wall Thickness
4) S.F. = 1.6

A. Medium Duty Props

Code	Scrow (Threaded Tube) L/O/D/t (mm)	Outer Tube L/O. D/t (mm)	Inner Tube L/O. D/t (mm)	Height of Use (mm)		Permissible Load (kg)		Weight Approx (kg)
				Min.	Max	Closed	Extended	
PA 12	220/60.3/3.2	1500/60.3/2.0	2500/48.3/2.0	1750	3000	1215	1000	10.6
PA 11	220/60.3/3.2	1500/60.3/2.0	2000/48.3/2.0	2000	3500	1134	875	11.8
PA 10	220/60.3/3.2	1500/60.3/2.0	2500/48.3/2.0	2500	4000	735	563	12.9
PA 09	220/60.3/3.2	1500/60.3/2.0	3000/48.3/2.0	2500	4500	656	548	13.9
PA 08	220/60.3/3.2	2000/60.3/2.0	3000/48.3/2.0	3000	5000	595	456	15.0

Single Push-Pull Props

For Use whenever an adjustable inclined strut is required suitable for all building systems and framework applications.

Single Push-Pull Props Rocking Base



Drop Forged Prop Nut

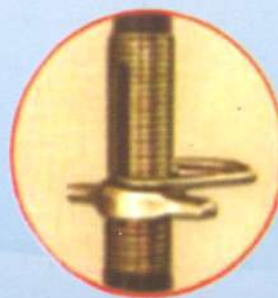


12 mm Pin

Top Plate Inner Tube



Adjustable Nut



Outer Tube

Base Plate

Threaded Tube
(60.3 mm)

Light Weight Frame System

High quality external system is designed to be easily erected and dismantled without help from professionals. The "H" frame, or vertical member, has welded square or round pins on top for ease of connection. This allows you to erect the frames faster and to any height with maximum safety and stability. The system is designed not to include any loose fittings inside.

The external systems have a three-way support to hold greater loads and ensure greater stability. The vertical frames (H frames) are available in side ladder type, 3 step ladder, and normal "H" shape.

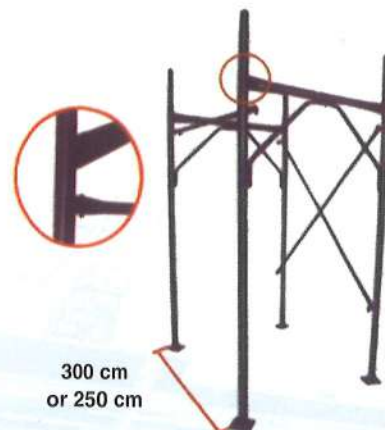
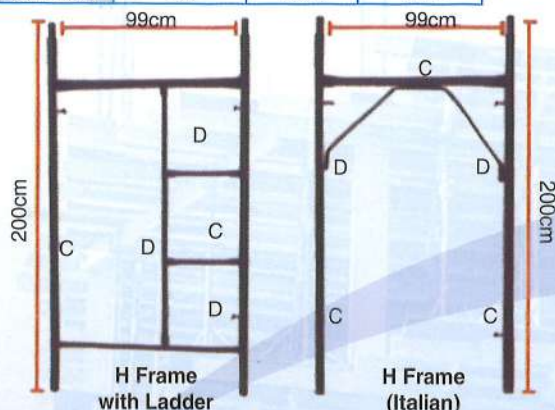
Italian System

Code	Height (m)	Width (m)	Weight (m)
HF (Italian)	2.0	0.99	13.80
HFL (Ladder)	2.0	0.99	15.60

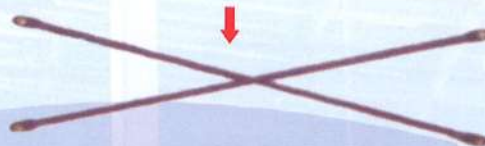
Tube Diameters:

Code C 1 1/2"

Code D 3/4"



Code. DB (Diagonal Brace)



Length= 2.7 Wt. = 3.20 (kg)

Length= 3.2 Wt. = 3.60 (kg)

Code: HB (Horizontal Brace) Length= 2.5 Wt. = 2.90 (kg)
Length= 3.0 Wt. = 3.50 (kg)

Scaffolding Accessories

Sheet Metal Products

Pressed Swivel Coupler (M.D.)

Used to connect two scaffolding tubes at any angle. These are key components in the structure and must be load bearing. The body is firmly riveted to permit rotation but still ensures the minimum of further movement for maximum rigidity.



Pressed Double Coupler (M.D.)

Used to connect two scaffolding tubes at any angle. These are key components in the structure and must be load bearing. The body is firmly riveted to permit rotation but still ensures the minimum of further movement for maximum rigidity.



Accessories

Wing Nut

Cast nut with lever arm action used counter plate for all solders or waling applications. Supplied either black or galvanized.

Counter Plate

A Simple heavy duty reinforced plate 120 X 120 X 8 mm.

Code	Weight (m)
E 28	0.70 kg



Code	Weight (m)
E 07	0.30 kg



Tie Rod

Threaded high tensile tie rod supplied in 6 m lengths and 17 mm diameter, black or galvanized.

Code	Weight (m)	Length (m)
WSPC	9.3 kg	6.0m

Water Stopper

Cast element used as a connector between two tie rods. which prevents water seepage due to its central disk.

Code	Weight (m)
WSPC	0.50 kg



Fixed Final

Connect a scaffolding tube at right angles directly to the end of another tube with no projection. Ideal for guard rails, crowd control barriers. etc.

Code	Weight (m)
Ee 42	1 kg



DH Putlog Coupler

This coupler is designed to secure putlogs and transoms to ledger. It also conforms to the requirements for bracing coupler as it is capable of taking much higher loading than normal putlog couplers.

Code	Weight (m)
Ee 41	0.68 kg



Dressed Sleeve Coupler

Used to join two scaffolding tubes externally end to end. A steel divider located centrally ensures equal insertion of each tube. They can be employed where tension joints are required.

Code	Weight (m)
Ee 24	1.158 kg





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ALMISBAH FENCING

Selling - Buying

- ➔ Fencing Steel Sheet - Size of 2 meter width by 2 meter height is used most often and is available in stock (other sheet size can be made on order) + Fencing sheet steel flat (4 x 8) Feet, 1.25 x 2.5 m.
- ➔ Galvanized U Channels are applied at the top and bottom end of the corrugated steel sheets. U channels used of size 40 mm by 40 mm
- ➔ The sides of each Fencing panel is supported by galvanized ERW pipes of 1-1/4" or 1-1/2".
- ➔ Two Fencing panels are coupled with a fencing clamp and the back side of each panel is back-stayed by a diagonal support pipe
- ➔ The Fencing panels are erected on concrete blocks (depending on customer requirement)



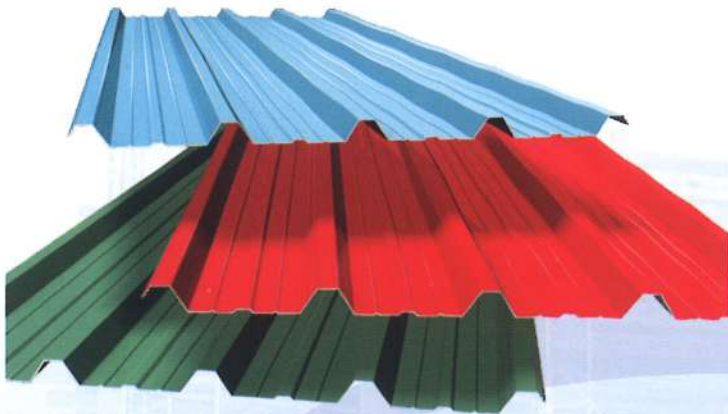


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A L M I S B A H F E N C I N G

Temporary Fencing Panel / Metal Fencing / Corrugated Fencing & Hoarding Panel

Fencing sheets are produced and are available in stock in our factory in Abu Dhabi.

Steen Fencing sheets are manufactured using high quality profile rolling, & we make other kind of Fencing flat sheet (4 x 8) feet or 1.25 x 2.5 m all thickness size.



Prope

Adjustable props are economical and popular instruments used to support the concrete elements. They provide the best temporary support for all purpose, They are :

- Economical to hire or buy
- Easier and quicker in erection
- Provide safe load supporting

Prope are manufactured in two categories

- Medium Duty Props (2.0mm Thickness, Inner and outer-tube)
- Heavy Duty Props (3.1mm Thickness, inner and outer-tube)

All props can be manufactured in any size on demand, and the rocking top and bottom plates are also available in any size.

A. Heavy Duty Props

Code	Screw Threaded Tubes L/O D/t (mm)	Outer Tube L/O D/t (mm)	Inner Tube L/O D/t (mm)	Height of Use (mm)		Permissible Load (kg)		Weight Approx (kg)
				Min.	Max.	Closed	Extended	
PA07	22D/60 3/3.2	1500/60 3/3.1	2500/48 3/3.1	1750	3000	2328	2000	14.6
PA06	22D/60 3/3.2	1500/60 3/3.1	2000/48 3/3.1	2000	3500	1175	1125	16.4
PA05	22D/60 3/3.2	1500/60 3/3.1	2000/48 3/3.1	2500	4000	1150	938	18.1
PA04	22D/60 3/3.2	1500/60 3/3.1	3000/48 3/3.1	2500	4500	1019	738	20.0
PA03	22D/60 3/3.2	2000/60 3/3.1	3000/48 3/3.1	3000	5000	915	000	22.4

Note: 1) L = Length of the Element
2) O.D = Outer Diameter
3) W.T = Wall Thickness
4) S.F. = 1.6

A. Medium Duty Props

Code	Screw Threaded Tubes L/O D/t (mm)	Outer Tube L/O D/t (mm)	Inner Tube L/O D/t (mm)	Height of Use (mm)		Permissible Load (kg)		Weight Approx (kg)
				Min.	Max.	Closed	Extended	
PA10	22D/60 3/3.2	1500/60 3/3.1	2500/48 3/3.1	1750	3000	1215	1000	10.6
PA11	22D/60 3/3.2	1500/60 3/3.1	2000/48 3/3.1	2000	3500	1134	875	11.8
PA10	22D/60 3/3.2	1500/60 3/3.1	2000/48 3/3.1	2500	4000	735	565	12.9
PA00	22D/60 3/3.2	1500/60 3/3.1	3000/48 3/3.1	2500	4500	658	548	13.9
PA08	22D/60 3/3.2	2000/60 3/3.1	3000/48 3/3.1	3000	5000	606	466	10.0

Single Push-Pull Props

For use whenever an adjustable inclined sturt is required suitable for all building systems and framework applications.

Single Push-Pull Props
Rocking Base



12 mm pin

Top Plate
Inner Tube



Adjustable Nut

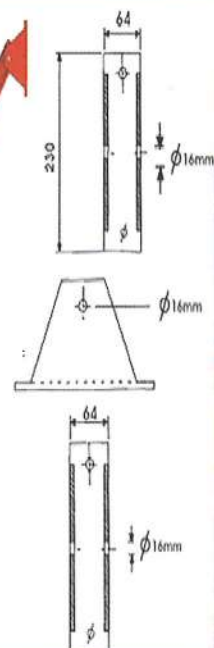


Outer Tub

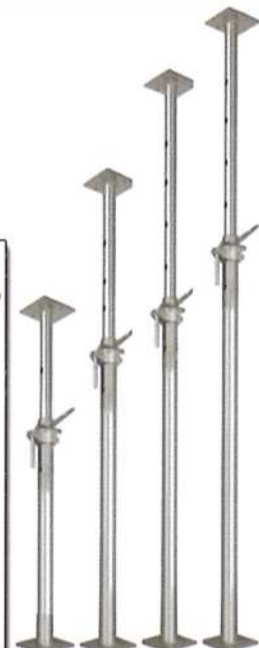


Threaded Tube
(60.3mm)

Base Plate



PROP ROCKING BASE



PUSH-PULL PROPS





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ALMISBAH ALUMINIUM SCAFFOLDING

SCAFFOLDING WITH ALLUMINIUM BEAM





ALMISBAH GROUP

ALMISBAH ALUMINIUM SCAFFOLDING

Aluminium

Aluminium Form



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ALMISBAH ALUMINIUM SCAFFOLDING

Aluminium

Aluminium Form

Wall panel



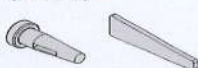
Components (mm)	Weight (kg)	Article No.
Wall standard panel 300 x 2400	15.8	31010000
Wall standard panel 400 x 2400	19.6	
Wall standard panel 450 x 2400	21.5	
Wall standard panel 600 x 2400	27.6	
Wall standard panel 300 x 2450	16.4	
Wall standard panel 400 x 2450	20.4	
Wall standard panel 450 x 2450	21.6	
Wall standard panel 600 x 2450	28.5	

AL - (A/G) Release



Components (mm)	Weight (kg)	Article No.
AL - (A/G) Release 63.5 x 63.5	1.931	31470000

Wedge & Round pin

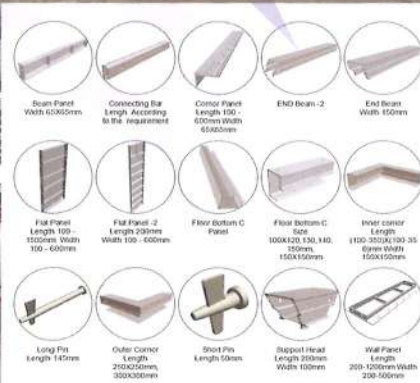
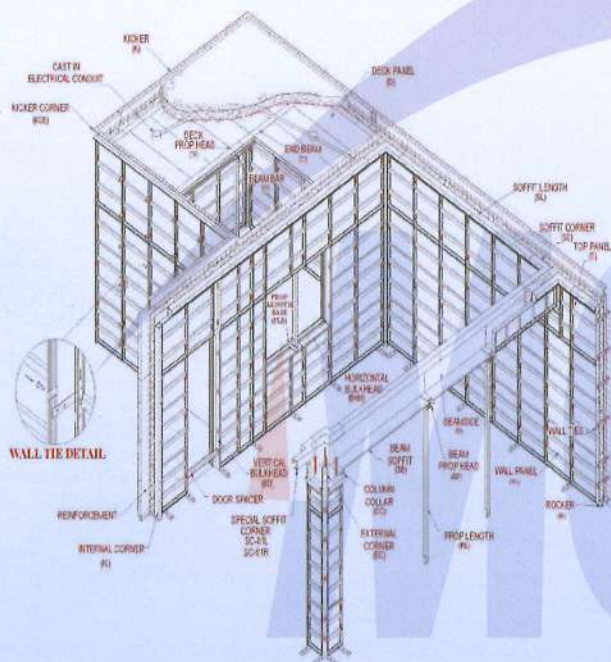


Components (mm)	Weight (kg)	Article No.
AL round pin	0.062	38000100
AL wedge pin	0.04	38000500

Slab panel



Long pin



Advantages: the most important aspect of a succesful structural construction is the form work system:

Speed. Due to its casiness of 2-6 our Almisbah Aluminium Form work allows an average of 4-7 cycle.

Quality. With a smooth surface and accurate dimension of panels, there is no requirement of plastering work after concrete casting

Safety. no need to remove props and prop heads when dismantling slab panels

Easy assembly. no need for skilled workers or carpenters.

All-in-one system. as shoring and external column,s working platforms

Mobility. the formwork panels will be transferred manually to the next level through a slab transfer box to use the crane can be used for other tasks

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Single Width Mobile Tower



Single width ladder frame mobile tower

If there is narrow space for placing a mobile tower. Ascend's 510 mobile tower offer an excellent solution with its 90 cm wide frames

- The maximum working height for interior and exterior work is 10 meter
- Maximum load per platform is 225 kg and for the entire tower is 600 kg including tower self weight.
- The platform hook of the tower is equipped with wind lock system.
- The frames are connected with floating spigot for easy assembling and dismantling along with locking pins to prevent accidental removal of frames
- Width available : 0.75, 0.90 meter
- Main frame Heights available : 1.5, 2.0 meter
- Length available : 1.8, 2.5 meter



Wooden Platform



200 mm wheel with brake and adjustable jack



Locking Pin



Sturdy design of brace hooks ensure proper functioning of braces even if these are used roughly



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ALMISBAH ALUMINIUM SCAFFOLDING



Height Adjustable Wheels



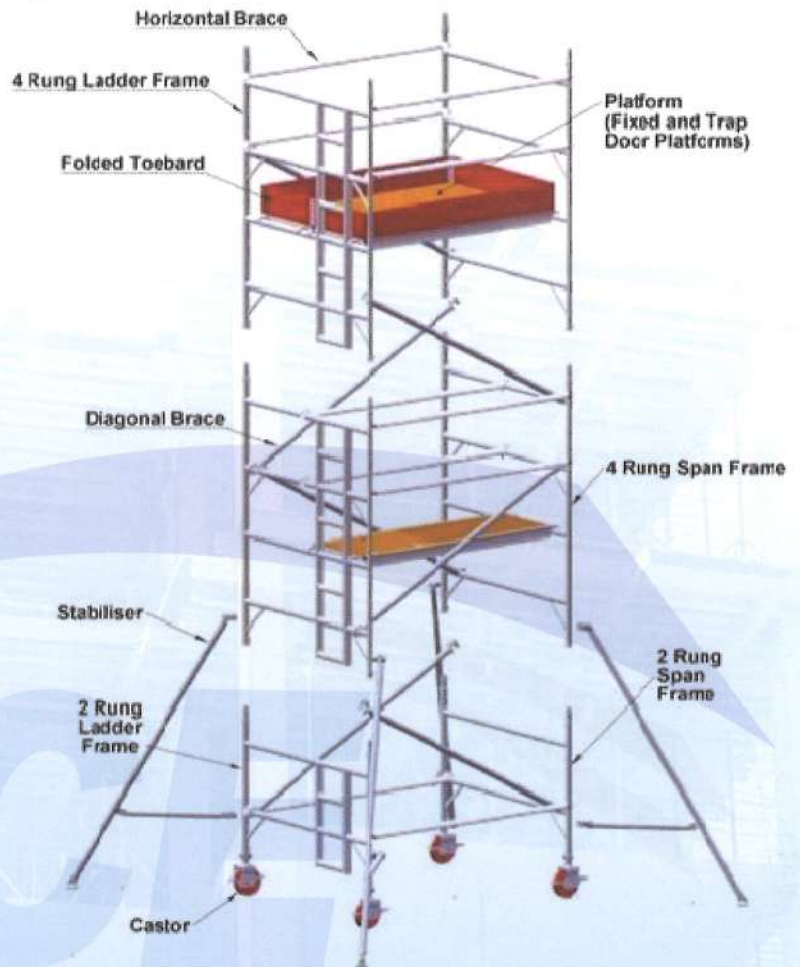
Industrial Application



Extra Strong Welds



Colour Coded Braces



Versatility



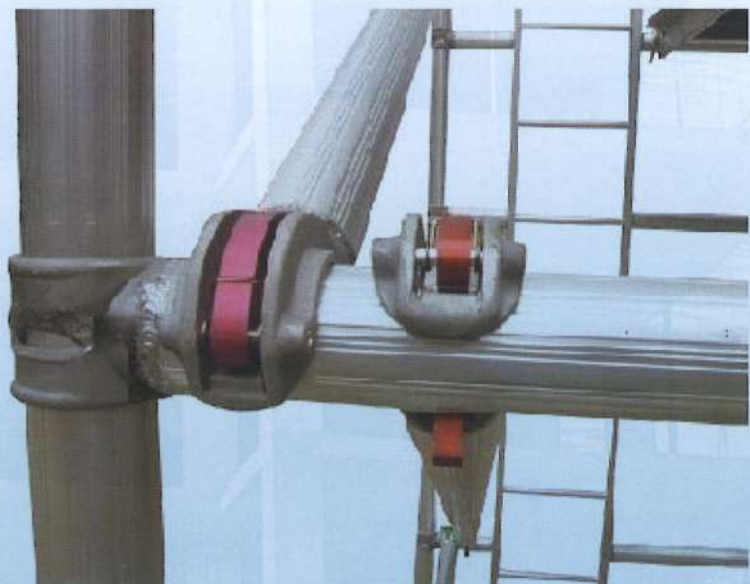
Narrow Use



Folding Portable



Foot Step



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Selling - Buying - Rent - Maintenance



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